FPO

User Guide

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Get Started

The following topics give you all the information you need to set up your phone and Sprint service the first time.

Your Phone at a Glance

The following illustration outlines your phone's primary features.

Set Up Your Phone

You must first install and charge the battery to begin setting up your phone.

1. Install the battery.
    - Using the slot provided, gently lift the cover off the phone.
    - Insert the battery, aligning the gold contacts on the battery with the gold contacts on the phone, and gently press the battery into place.
    - Replace the battery compartment cover, making sure all the tabs are secure and there are no gaps around the cover.
2. Plug the USB cable into the Charger/Accessory Jack on the bottom of the phone.

3. Plug the other end of the USB cable into the Charging Head, and then plug the Charging Head into an electrical outlet to charge your battery. Fully charging a battery may take up to three hours.

Note: Your phone's battery should have enough charge to turn the phone on and find a signal, run the setup application, set up voicemail, and make a call. You should fully charge the battery as soon as possible.

4. Press and hold the **Power/Lock Key** to turn the phone on.

- If your phone is activated, it will turn on, search for Sprint service, and begin the setup application.
- If your phone is not yet activated, see Activate Your Phone for more information.

Activate Your Phone

Depending on your account or how and where you purchased your phone, it may be ready to use or you may need to activate it on your Sprint account.

- If you purchased your phone at a Sprint Store, it is probably activated and ready to use.
- If you received your phone in the mail and it is for a new Sprint account or a new line of service, it is designed to activate automatically.
  - When you turn the phone on for the first time, you should see a **Hands Free Activation** screen, which may be followed by a **PRL Update** screen and a **Firmware Update** screen. Follow the onscreen instructions to continue.
- If you received your phone in the mail and you are activating a new phone for an existing number on your account (you're swapping phones), you can activate on your computer online or directly on your phone.
  - Activate on your computer:
    - Go to sprint.com/activate and complete the online instructions to activate your phone.
  - Activate on your phone:
    - Turn on your new phone. (Make sure the old one is turned off.) Your phone will automatically attempt Hands-Free Activation.
    - Follow the onscreen prompts to complete the activation process.

To confirm activation, make a phone call. If your phone is still not activated, visit sprint.com/support for assistance. If you do not have access to the Internet, call Sprint Customer Service at 1-888-211-4727.

Note: Do not press the **Power/Lock Key** while the phone is being activated. Pressing the **Power/Lock Key** cancels the activation process.

Complete the Setup

After you turn on your phone and activate it, your phone displays a Welcome screen. From the Welcome screen follow the prompts to set up features and preferences on your phone.

Note: In some cases, you may be able to complete the setup process before your phone has been activated on your Sprint account.

1. At the Welcome screen, follow the onscreen instructions to complete setup for each topic. Tap **Next**, or the right arrow, to move through the steps. You can skip options to continue to the next one. During setup, you may see these options:

- **Language**: Choose the default language for your phone's operation.
- **Accessibility**: Configure settings to access settings to improve the accessibility of your phone's features if you are visually impaired or hard of hearing.
- **Wi-Fi**: By default, your phone prompts you to use Wi-Fi when accessing data services. Tap a Wi-Fi access point to connect to it, or you can continue setup using your phone's connection to the wireless network.
- **Samsung account**: Some apps and features use your Samsung account. Sign in to your Samsung account, or follow the prompts to create a new account.
- **Got Google?**: Your phone uses your Google account to provide access to many features and apps. Complete the steps to sign in to your current Google account, or sign up for a new Google account right from your phone. You can also skip signing in to your Google account, or sign in later.
- **Google services**: Select Google service preferences, including Backup, Location and Communication options.
- **This phone belongs to**: Enter your First and Last name, to personalize Google features and apps.
- **Dropbox:** Dropbox provides Web-based "cloud" storage, so you can save your photos and videos. You can create a new account here, or sign in to your existing Dropbox account.
- **Device name**: Your device name is how you and other devices identify your phone, such as when sharing via Bluetooth or Wi-Fi Direct. If you want to use a different name, tap the field and enter a name.

2. Tap **Finish** to complete setup.
   - You may see a series of informational or update screens. Follow the prompts to continue.

Note: During or after setup, you may see a **Sprint Connections Optimizer** notice. Read the notice and then touch **I Agree** to allow your phone to connect automatically to the best available data network, including Wi-Fi. To turn Connections Optimizer off at any time, Press **Home**, and then touch **Apps** > **Settings** > **More networks** > **Mobile networks** > **Connections optimizer** and uncheck the box. See Mobile Networks Settings for details.

Set Up Voicemail

Your phone automatically transfers all unanswered calls to voicemail, even if your phone is in use or turned off. You should set up your Sprint Voicemail and personal greeting as soon as your phone is activated. Always use a password to protect against unauthorized access.

1. Press **Home**, and then tap **Phone**.

If your screen is locked, press the **Power/Lock Key** to turn on the display and then swipe your screen in any direction. See Turn Your Screen On and Off.

2. Touch and hold 1 to dial your voicemail number.
3. Follow the system prompts to:
   - Create your password.
   - Record your name announcement.
   - Record your greeting.

Note: Voicemail Password – Sprint strongly recommends that you create a password when setting up your voicemail to protect against unauthorized access. Without a password, anyone who has access to your phone is able to access your voicemail messages.

Sprint Account Information and Help

Find out about account passwords and information about managing your account and finding help.

Sprint Account Passwords

As a Sprint customer, you enjoy unlimited access to your personal account information, your voicemail account, and your data services account. To ensure that no one else has access to your information, you will need to create passwords to protect your privacy.

Account User Name and Password

If you are the account owner, you will create an account user name and password when you sign on to sprint.com/mysprint. (Click **Sign in/Sign up** and then click **Sign up now!** to get started.) If you are not the account owner (if someone else receives the bill for your Sprint service), you can get a sub-account password at sprint.com/mysprint.

Voicemail Password

You'll create your voicemail password when you set up your voicemail. See Set Up Voicemail for more information on your voicemail password.

Data Services Password

With your Sprint phone, you may elect to set up an optional data services password to control access and authorize Premium Service purchases.

For more information, or to change your passwords, sign on to sprint.com/mysprint.

Manage Your Account

Manage your Sprint account from your computer, your Sprint phone, or any other phone.

Online: sprint.com/mysprint

- Access your account information.
- Check your minutes used (depending on your Sprint service plan).
- View and pay your bill.
- Enroll in Sprint online billing and automatic payment.
- Purchase accessories.
- Shop for the latest Sprint phones.
- View available Sprint service plans and options.
- Learn more about data services and other products like games, ring tones, screen savers, and more.

From Your Sprint Phone

1. Press **Home**, and then tap **Phone**.
2. Do any of the following:
   - Tap # 3 DEF to make a payment.
   - Tap # 2 ABC to access Sprint Zone and a summary of your Sprint service plan or to get answers to other questions.

Note: You can also access Sprint Zone app from your device. Press **Home**, and then tap **Apps** > **Sprint Zone**.

Sprint Support Services

Sprint 411 and Sprint Operator Services let you easily access information and calling assistance from your Sprint phone.

Sprint 411

Sprint 411 gives you access to a variety of services and information, including residential, business, and government listings; movie listings or show times; driving directions, restaurant reservations, and major local event information. You can get up to three pieces of information per call, and the operator can automatically connect your call at no additional charge.

There is a per-call charge to use Sprint 411, and you will be billed for airtime.

1. Press **Home**, and then tap **Phone**.
2. Tap 4 GHI 1 1 .

Sprint Operator Services

Sprint Operator Services provides assistance when you place collect calls or when you place calls billed to a local telephone calling card or third party.

1. Press **Home**, and then tap **Phone**
2. Tap 0 +.

Note: For more information or to see the latest in products and services, visit us online at sprint.com/mysprint.

Phone Basics

Your phone is packed with features that simplify your life and expand your ability to stay connected to the people and information that are important to you. The following topics will introduce the basic functions and features of your phone.

Your Phone's Layout

This illustration outlines your phone's basic layout.

Key Functions

The following list defines the features listed in the above illustrations.

- **LED indicator** glows or blinks in different colors to show status when the screen is turned off. The LED glows red when charging, and blinks red when the battery is low; blinks blue when there's a new notification, or when you are recording voice with the screen turned off; and glows green when the battery is fully charged and the phone is attached to a charger.
- **Light Sensor** detects the ambient light level, such as when setting screen brightness when Automatic brightness is enabled, and when using the Camera.
- **Earpiece** lets you hear the caller and automated prompts during calls.
- **Proximity and Gesture Sensors** detect the presence of objects near the phone, such as when using air gesture or motion settings. For example, while talking on the phone the sensor detects when it's near your ear and turns off the screen to prevent accidental key presses.
- **Front Camera** allows you to take pictures and videos of yourself.
- **Power/Lock Key** lets you turn the phone on or off, turn the screen on or off, or lock the screen. Press and hold for a Device options menu, where you can turn the phone off or restart it, or for easy access to Airplane mode, Emergency Mode, and to Mute, Vibrate, and Sound modes.
- **Side Touch Sensor** lets you take a picture by tapping the side bezel of the phone.
- **Back Key** lets you return to the previous screen, or close a dialog box, options menu, the Notification panel, or onscreen keyboard.
- **Home Key** returns you to the Home screen..
- **Recent Apps Key** lets you press and hold to view recently used apps, and access Active Apps Manager.

- Volume Key adjusts the volume of your phone's sounds. From the home screen, press to adjust master volume. During calls or playback, press to adjust volume. Press to mute the ringtone of an incoming call.
- **Cover Release** allows you to lift the cover from the back of your phone.
- **Infrared transmitter** allows you to control other devices, such as a TV.
- **Camera** lets you take pictures and record videos.
- **Flash** helps illuminate subjects in low-light environments when the camera is focusing and capturing a photo or video.
- **Microphones** allow other callers to hear you when you are using the speakerphone, and captures sound during recording.
- **3.5 mm Headset Jack** allows you to plug in either a stereo headset or an optional headset for convenient, hands-free conversations.
- **Speaker** plays ringtones and sounds. The speaker also lets you hear the caller's voice in speakerphone mode.
- **USB Charger/Accessory Port** allows you to connect the phone charger/USB cable (included) and other optional accessories (not included).

CAUTION: Inserting an accessory into the incorrect jack may damage the phone.

Turn Your Phone On and Off

Use the Power/Lock Key to turn the phone on or off.

- Press and hold the **Power/Lock Key**.

The screen remains blank while your phone is off. If the phone is off during charging, the screen displays a charging animation.

Turn Your Screen On and Off

Your phone allows you to quickly turn the screen off when not in use and to turn it back on and unlock it when you need it.

Turn the Screen Off When Not in Use

- To quickly turn the screen off, press the **Power/Lock Key**. Pressing the **Power/Lock Key** again will turn on the screen and display the lock screen.

To save battery power, the phone automatically turns off the screen (times out) after a certain period of time when you leave it idle. You will still be able to receive messages and calls while the phone's screen is off.

Note: For information on how to adjust the time before the screen turns off, see Screen Timeout.

Turn the Screen On and Unlock It

1. To turn the screen on, press the **Power/Lock Key**.
2. Unlock the screen:
   - If you are using the default screen lock, swipe the screen in any direction to unlock it.
   - If you have set up a screen lock, use your screen lock. See Screen lock.

Features

Your phone offers new features for using gestures to interact with your phone.

Motions and Gestures

Control your phone by making specific gestures with your hand above the phone's screen.

- **Air browse**: When on, you can scroll through pages, or move to the previous or next item, by moving your hand up and down, or left and right, over the screen.
- **Direct call**: When on, you can call the contact whose recent call log, message, or contact details are displayed by lifting the phone to your ear.
- **Smart alert**: When on, your phone will vibrate to alert you to missed calls and notifications that occurred since the last time you picked up your phone.
- **Mute/pause**: When on, you can mute incoming calls and pause playback by turning the phone screen-side down, or by covering the screen with your hand. You can also use Smart pause, to have the phone pause video playback when you look away from the screen.
- **Capture screen**: When on, you can create a copy of the current screen by swiping the side of your hand across the screen, from left to right or right to left. The screen shot is saved to the clipboard, and to the Screenshots folder.

To enable Motions and gestures:

- Press **Home**, and then and tap **Apps** > **Settings** > **Motions and gestures**.

Air View

Air view allows you to hover your finger over items on the screen to display more information.

- **Information preview**: Hover over items to display information previews, extended text, or enlarged images, depending on the type of item.
- **Webpage magnifier**: Hover over a webpage to magnify the content under your finger.

Configure Air View

Enable Air view features, and learn about using them.

- Press **Home**, and then and tap **Apps** > **Settings** > **Air view**.

Multi Window

Multi Window allows you to use two apps on the same screen, in separate, resizable windows.

Turn Multi Window On or Off

Turn Multi window on or off in Settings.

1. Press **Home**, and then and tap **Apps** > **Settings** > **Multi window**.
2. Tap the **ON/OFF** switch beside **Multi window** to enable or disable the option.

Display Multi Window

After you turn Multi window on in Settings, you can control whether the Multi window tray displays on the screen, for easy access to its features.

By default, the Multi window tray tab displays on the left side of the screen. You can drag the tab along the side of the screen, or tap the tab to open Multi Window, and then drag Multi window to the right side of the screen, or the bottom.

- To display the Multi window tab, touch and hold the **Back Key**.

Work With Multi Window

After enabling Multi Window, you can use it to run two apps at the same time. You can launch apps from Multi window, or drag an app to the screen to run multiple apps at the same time.

The apps display together on a split screen. You can switch between the apps, adjust the size of their display on the screen, and copy information from one app to the other.

You can also use these Multi Window options:

- **Launch Multiple Apps**: When you drag an app from Multi window on top of an open app, both apps display in a split window.

    - While using one app, touch the tab to display the Multi window tray, and then touch and drag an app to the screen.

- **Adjust the Size of Apps in Multi Window**: While using Multi Window, you can adjust the size of the two apps on the screen.
    - Touch the border between the windows, and then drag it to a new position.
- **Drag content from one app to the other**: In selected apps, you can you can drag text or images between apps.
    - Touch the border between the windows, and then tap to select content and drag it to the other app.
- **Switch Multi Window App Positions**: While using Multi Window, you can switch the position of the app windows on the screen.
    - Touch the border between the windows, and then tap .
- **Open a recent app in Multi Window**: You can switch from one app to a previous app.
    - Touch the border between the windows, and then tap to choose a different app.
- **Close an app**: Close one app, and make the other full-screen.
    - Touch one of the app windows to make it active. Touch the border between the windows, and then tap .

Touchscreen Navigation

Your phone's touchscreen lets you control actions through a variety of touch gestures.

Tap

When you want to type using the onscreen keyboard, select items onscreen such as application and settings icons, or other items, simply tap them with your finger.

Touch and Hold

To open the available options for an item (for example, a contact or link in a Web page), touch and hold the item.

Swipe or Slide

To swipe or slide means to quickly drag your finger vertically or horizontally across the screen.

Drag

To drag, touch and hold your finger with some pressure before you start to move your finger. While dragging, do not release your finger until you have reached the target position.

Flick

Flicking the screen is similar to swiping, except that you need to swipe your finger in light, quick strokes. This finger gesture is always in a vertical direction, such as when flicking the contacts or message list.

Rotate

For most screens, you can automatically change the screen orientation from portrait to landscape by turning the phone sideways. When entering text, you can turn the phone sideways to bring up a bigger keyboard.

Note: You can control screen rotation with the Auto rotate screen setting. To make this selection, press **Menu**, and then tap **Apps** > **Settings** > **Display** > **Auto rotate screen**. See Auto Rotate Screen for more information.

Pinch and Spread

"Pinch" the screen using your thumb and forefinger to zoom out or "spread" the screen to zoom in when viewing a picture or a Web page. (Move fingers inward to zoom out and outward to zoom in.)

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Tip: Pinching any home screen will show you options to customize home screens, or tap a thumbnail to go straight to another screen.

Your Home Screen

The home screen is the starting point for your phone's applications, functions, and menus. You can customize your home screen by adding application icons, shortcuts, folders, widgets, and more. The home screen extends beyond the initial screen. Swipe the screen left or right to display additional screens.

Note: You can keep swiping in one direction to move through all the home screens. The indicator near the bottom of the screen shows your current screen position.

Tip: Press **Home** to return to the main home screen from any other screen.

Customize Your Home Screen

You can customize your home screen by adding shortcuts, shortcuts, folders, widgets, and more.

Create a Shortcut

Use shortcuts to launch an app from the home screen.

1. Press **Home**, and then tap **Apps**.
2. Touch and hold an app icon, and then drag it to a home screen and release it.

Move a Shortcut

Move a shortcut to another home screen.

1. Press **Home**, and then touch and hold a shortcut to undock it.
2. Drag the icon to a different location, and then release it.

Remove a Shortcut

Remove a shortcut from the home screen.

1. Press **Home**, and then touch and hold a shortcut to undock it.
2. Drag the icon to the Remove icon and then release it.

Note: Removing a shortcut does not delete the app, it just removes the shortcut from the home screen.

Remove a Primary Shortcut

Primary shortcuts are the Phone, Messages, Internet, Camera, and Apps shortcuts that appear at the bottom of the home screen by default. You can remove or replace any of your primary shortcuts, except the Apps shortcut.

1. Press **Home**, and then touch and hold a shortcut to undock it.
2. Drag it to another screen, or to the Remove icon.

Create a Primary Shortcut

Primary shortcuts are the Phone, Messages, Internet, Camera, and Apps shortcuts that appear at the bottom of the home screen by default. You can remove or replace any of your primary shortcuts, except the Apps shortcut.

1. Press **Home**, and then touch and hold a shortcut to undock it.

   – or –

   Tap **Apps**, and then touch and hold an app icon.
2. Drag the shortcut to a new position in the primary shortcuts.

Add a Widget

Widgets are self-contained apps that display on a home screen. Unlike a shortcut, the Widget works like as an onscreen application. There are all kinds of widgets, including links to a specific contact, Internet bookmarks, Facebook® status windows, Gmail and email accounts, and many others.

1. Press **Home**, and then pinch the screen.

   – or –

Touch and hold on the screen.

2. Tap **Widgets**, and then scroll to find one.
3. Touch and hold the widget, and then drag it to a home screen and release it

Remove a Widget

1. Press **Home**, and then touch and hold on a widget to undock it.
2. Drag the widget to the Remove icon and release it.

Note: Removing a widget does not delete the widget, it just removes the widget from the home screen.

Choose Wallpapers

Change the look of the home and lock screens with wallpaper. You can display a favorite picture, or choose from preloaded wallpapers.

1. Press **Home**, and then pinch the screen.

   – or –

   Touch and hold on the screen.

2. Tap **Wallpapers**, and then choose **Home screen**, **Lock screen**, or **Home and lock screens**.
3. Tap a wallpaper to see a sample, and then tap **Done**. If you choose an image from Gallery or Dropbox, you can adjust the crop box to decide what's displayed.

Configure Home Screen Settings

Choose options for the home screen.

1. Press **Home**, and then pinch the screen.

   – or –

   Touch and hold on the screen.

2. Tap **Home screen settings**, and then enable or disable these options:

   - **My Magazine**: When enabled, My Magazine displays on the far-right home screen. My Magazine counts as a home screen, toward the possible total of seven.
   - **Transition effect**: When enabled, a page-turning effect displays as you scroll through the home screens.

Extended Home Screens

In addition to the main home screen, your phone has six extended home screens to provide more space for adding icons, widgets, and more.

Note: You can have up to seven screens, including the main home screen and the optional My Magazine.

Status Bar

The status bar at the top of the home screen provides phone and service status information on the right side and notification alerts on the left. To view notification alerts, touch and hold the status bar and drag it down.

Status Icons

Icon	Description
	Bluetooth® is on
	Bluetooth® is on, and your phone is connected to another device
	Wi-Fi® is on
	Smart screen enabled
	Air gesture enabled
	Vibrate
	Mute
	Speakerphone Active
3G	3G Data Service
	3G Data Service, in use. The rays spin when data is being transferred.
LTE	Spark Enhanced LTE data service The rays spin when data is being transferred.
	Signal strength. More bars indicate a stronger signal.
	Signal strength. More bars indicate a stronger signal.
	Airplane Mode
	Battery is charging
	Battery is fully charged

Notification Icons

Icon	Description
	Missed call
	New email
	New Gmail
	New message
	New voicemail
	Event
	USB connection
	Updates available
	Downloading

Enter Text

You can type on your device using the available touchscreen QWERTY keyboard, or by speaking your inputs.

Text Input Methods

Your device offers several text input methods.

- **Samsung keyboard** allows you to enter text by touching keys on a virtual QWERTY keyboard. Samsung keyboard includes optional predictive text, which matches your key touches to common words so you can select a word to insert it into your text.
- **Swype** lets you enter words by swiping across the virtual QWERTY keyboard. Instead of tapping each key, use your finger to trace over each letter of a word. You can also tap letters to enter words.
- **Google voice typing** allows you to speak your entries.

Select a Default Text Input Method

You can select a default Text Input Method from Settings, or choose on at any time while entering text.

From Settings:

- Press **Home**, and then tap **Apps** > **Settings** > **Language and input** > **Default**.

While entering text:

1. From a screen where you can enter text, drag down from the top of the screen to open the Notification panel.
2. Tap **Choose input method**, and then choose a text entry method.

Google Voice Typing

This feature uses Google voice recognition to convert your spoken words into text.

Use Google Voice Typing to Enter Text

1. From a screen where you can enter text, drag down from the top of the screen to open the Notification panel, and then tap **Choose input method** > **Google voice typing**.
2. Speak into the microphone and watch your text being entered onscreen.
3. If the text is incorrect, tap **DELETE**.
4. Once you have completed entering your text, tap **Done**. The onscreen keyboard will reappear.

Note: Select a language by tapping at the bottom of the **Listening** area. Tap **Add more languages** to assign a new language via the Google voice typing menu. Removing the check mark from the **Automatic** field allows you to select additional languages.

Configure Google Voice Typing

- Press and tap **Apps** > **Settings** > **Language and input**, and then tap beside **Google voice typing**.

Samsung Keyboard

With Samsung Keyboard, it's easy to enter text, symbols, and numbers.

Use Samsung Keyboard to Enter Text

1. From a screen where you can enter text drag down from the top of the screen to open the Notification panel, and then tap **Choose input method** > **Samsung keyboard**.
2. Tap keys to enter text. While entering text, use these options:
   - If you make a mistake, tap to delete incorrect characters. Touch and hold to delete a whole word or field.
   - Tap to change the case of the text. Tap twice to switch to all capitals.
   - Tap to switch to a symbols keyboard, to enter symbols. There are two symbol keyboards.

- Tap to switch to Google Voice typing, to enter text by speaking.

Configure Samsung Keyboard

- Press and tap **Apps** > **Settings** > **Language and input**, and then tap beside Samsung keyboard.

Note: For more information about Samsung Keyboard settings, see Samsung Keyboard Settings.

Swype

Swype lets you enter words by tracing over the letters on the virtual QWERTY keyboard. Instead of tapping each key, use your finger to trace over each letter of a word. You can also tap letters to enter words.

Swype provides next-letter prediction and regional error correction, which can compensate for tapping the wrong keys on the virtual QWERTY keyboards.

Use Swype to Enter Text

1. From a screen where you can enter text drag down from the top of the screen to open the Notification panel, and then tap **Choose input method** > **Swype**.
2. Swipe your finger continuously over the letters to form a word. As you swipe over letters, words matching your pattern display at the top of the Swype keyboard. To enter a word, lift your finger, or tap a word at the top of the keyboard.
3. While entering text, use these options:
   - If you make a mistake, tap to delete a single character. Touch and hold to delete an entire word or field.
   - By default, Swype starts with a capital at the beginning of text. Tap to start with a capital letter, or tap twice to enter all capitals.
   - Tap to switch to a symbols keyboard, and then tap keys to enter symbols.

Configure Swype

- Press and tap **Apps** > **Settings** > **Language and input**, and then tap beside **Swype**.

  - or -

  From the Swype keyboard, touch and hold .

Note: For more information about Swype settings, see Swype Settings.

Tips for Editing Text

These tips allow you to cut or copy selected text and paste it into a separate selected area.

1. In a text entry field, double-tap the text, and then drag the sliders to select the text.
2. Tap an onscreen option from the Edit text toolbar. You can drag your finger along the toolbar to see all the options:
   - **Select all:** Highlights all the text in the field.
   - **Cut:** Removes the selected text and saves it to the clipboard.
   - **Copy**: Copies the selected text to the clipboard.
   - **Paste**: Insert the last copied or cut text into the current field.
   - **Clipboard**: Display the clipboard to choose previously cut or copied text.
   - **Dictionary**: Access your personal dictionary.

Phone Calls

With the Sprint National Network and your phone, you can enjoy clear calling across the country.

Make Phone Calls

There are several convenient ways to place calls from your phone.

Call Using the Keypad

The most “traditional” way to place a call is by using the phone’s keypad screen.

1. Press **Home**, and then tap **Phone**.
2. Tap the number keys to enter the phone number. As you enter digits, matching numbers from recent calls or contacts display. If you see the number you want, tap it to call it without having to enter the rest of the number.
3. Tap to call the number.

Call from Logs

All incoming and outgoing calls are recorded in Logs. You can call a number from a recent call from Logs.

1. Press **Home**, and then tap **Phone** > **Logs**.
2. Tap a call record, and then tap to call the number.

Tip: You can also swipe across a recent call from left to right to call the number, or from right to left to send a message.

Call from Contacts

You can place calls directly from Contacts.

Note: You can access Contacts directly from the Phone app. Tap **Phone** > **Contacts** tab at the top of the screen.

1. Press **Home**, and then tap **Contacts**.
2. Tap a contact, and then tap .

   - or -

   Touch the contact’s picture icon, and then tap .

- or -

Swipe your finger across the contact from left to right.

Call a Number in a Text Message

While viewing a text message, you can place a call to a number that is in the body of the message. For more information, see Text and Multimedia Messaging.

1. Press **Home**, and then tap **Messages**.
2. Open the message with the phone number and then tap the phone number.
3. Tap **Call** to dial the number.

Call a Number in an Email Message

While viewing an email or Gmail message, you can place a call to a number that is in the body of the message.

1. Press **Home**, and then tap **Apps** > **Email**.
2. Open the message with the phone number and then tap the phone number.
3. The Phone screen opens, with the phone number automatically entered and ready to be dialed. To place the call, tap .

Make an Emergency Call

You can place calls to 911 even if the phone's screen is locked or your account is restricted.

Note: To call the 911 emergency number when the phone's screen is locked, press **Home** to turn the screen on, and then touch **Emergency call** on the lock screen.

1. Press **Home**, and then tap **Phone**.
2. Tap 9 WXYZ 1 1 .

Enhanced 911 (E911) Information

This phone features GPS (Global Positioning System), which is used for E911 emergency location service, where available.

When you place a call to 911, the GPS feature of your phone provides information about your approximate location. Depending on several variables, including availability and access to satellite signals, it may take up to 30 seconds or more to determine and report your approximate location.

Important: Always report your location to the 911 operator when placing an emergency call. Some designated emergency call takers, known as Public Safety Answering Points (PSAPs), may not be equipped to receive GPS location information from your phone.

Receive Phone Calls

When you receive a call, you can accept the call, or reject the call to send it to voicemail. You can also reject a call with a message, to send a text message to the caller.

Note: If your phone is turned off, all calls automatically go to voicemail.

Answer an Incoming Call

When you receive a phone call from a number stored in Contacts, the contact's information displays on the screen. When you receive a phone call from a number that is not stored in Contacts, the phone number displays on the screen.

- When your phone notifies you of an incoming call, drag to the right to answer the call.

Mute the Ringing Sound

You can mute the ringtone without rejecting the call by doing one of the following.

- Press the **Volume Key** down.
- Place the phone screen-down on a level surface. See Motions and Gestures for options, including the Mute/pause Motion to mute incoming calls by turning over the phone.
- Cover the screen with your hand. See Motions and Gestures for options, including the Mute/pause motion to mute incoming calls by covering the screen with your hand.

Reject an Incoming Call

When you reject a call, the caller is sent to voicemail, where they can leave a voice message.

- When your phone notifies you of an incoming call, drag to the left to reject the call.

Reject an Incoming Call with a Text Message

You can reject an incoming call by sending a text message to the caller.

1. When your phone notifies you of an incoming call, drag toward the top of the screen.
2. Select an existing message.

   - or -

   Tap to compose a new text message.

Phone Call Options

The Phone app provides many useful features and options to help you make the most of your calling experience.

Dialing Options

1. Press **Home**, and then tap **Phone**.
2. While dialing a call, tap for options, including:
   - **Add 2-sec pause**: Insert a 2-second pause into the number you are dialing. This can be useful when storing numbers for automated phone menus.
   - **Add wait**: Insert a pause into the number you are dialing, to wait for input from you. This can be useful when storing numbers for automated phone menus.
   - **Add to Contacts**: Save the number to a new contact, or update an existing contact. See Add a Contact for more information.
   - **Send message**: Send a text message to the number you dialed.
   - **Speed dial**: View speed dials.
   - **Settings**: Configure call settings. For more information, see Call Settings.
   - **Help**: Learn about using the Phone app.

Caller ID

Caller ID identifies a caller while the phone is ringing, by displaying the number of the incoming call.

Block Caller ID

You can block your Caller ID (visible to other when you make a call), before making a call. The blocking only lasts for that call, and then returns to regular Caller ID.

To permanently block your number, you must call Sprint Customer Service.

1. Press **Home**, and then tap **Phone**.
2. Tap * P 6 MNO 7 PQRS.

Call Waiting

When you're on a call, your phone notifies you by displaying the call information on the screen, and vibrating, if you've set up vibration for incoming calls.

Respond to an Incoming Call While You're On a Call

- Slide to the right. This puts the first caller on hold and answers the incoming call.
  - To switch between calls, tap **On hold** > **Swap**.

3-way Calling

With 3-Way Calling, you can talk to two people at the same time. When using this feature, the normal airtime rates will be charged for each of the two calls.

1. Press **Home**, and then tap **Phone**.
2. Make the first call by entering the phone number and pressing .
3. When the first call is established, tap **Add call** to put the first call on hold, and then dial the second number.
4. When the second call is established, tap **On hold** > **Merge**.
   - If one of the people you called hangs up during your call, you and the remaining caller stay connected.
   - If you set up the call and are the first to end the call, all callers are disconnected.

Call Forwarding

Call Forwarding lets you forward all your incoming calls to another phone number – even when your phone is turned off. You can continue to make calls from your phone when you have Call Forwarding is activated.

Note: You are charged a higher rate for forwarded calls.

Activate Call Forwarding

1. Press **Home**, and then tap **Phone**.
2. Tap * P 7 PQRS 2 ABC, and then enter the phone number to which you want your calls forwarded.
3. Tap . A tone confirms the activation of Call Forwarding.

Deactivate Call Forwarding

1. Press and tap **Phone**.
2. Tap * P 7 PQRS 2 ABC 0 +.
3. Tap . A message and tone confirm the deactivation of Call Forwarding.

In-call Options

While you're on a call, you can use options, to find information or multitask during the call.

- **Add call**: Display the Keypad to dial another call.
- **Keypad**: Display the Keypad, where you can enter numbers to use DTMF (Dual Tone Multi-Frequency). This can be useful if you need to enter an access code or other information while on a call.
- **End call**: Hang up the call.
- **Speaker**: Control whether call audio plays through the speaker or the earpiece.

Warning: Because of higher volume levels, do not place the phone near your ear while using the speaker.

- **Mute**: Control whether the other party can hear your side of the call. You can't use Mute and
- **Bluetooth**: Connect to a Bluetooth device, or disconnect from a device.
- Tap **Menu** for more options:
  - **Contacts**: Launch Contacts.
  - **Memo**: Launch Memo, to create memo during a call.
  - **Messages**: Launch Messages, to create a new message.
  - **Personalize call sound**: Adjust sounds on the call to your preferences.
  - **Settings**: Launch Call Settings. For more information, see Call Settings.

Voicemail

Your phone automatically transfers all unanswered calls to your voicemail, even if your phone is in use or turned off. You should set up your Sprint Voicemail and personal greeting as soon as your phone is activated. Always use a password to protect against unauthorized access.

Set Up Voicemail

The following steps will guide you through setting up your standard voicemail from the Phone app.

For information about setting up voicemail using the Visual Voicemail app, see Visual Voicemail.

You should set up your Sprint Voicemail and personal greeting as soon as your phone is activated. Always use a password to protect against unauthorized access. Your phone automatically transfers all unanswered calls to your voicemail, even if your phone is in use or turned off.

1. Press **Home**, and then tap **Phone**.
2. Press and hold .
3. Follow the system prompts to:

- Create your password.
- Record your name announcement.
- Record your greeting.

Note: Voicemail Password – Sprint strongly recommends that you create a password when setting up your voicemail to protect against unauthorized access. Without a password, anyone who has access to your phone can access your voicemail messages.

Retrieve Your Voicemail Messages

You can access your voicemail by using the following process.

1. Press **Home**, and then tap **Phone**.
2. Press and hold 1.
3. Follow the system prompts to enter your voicemail password and manage voicemail.

Note: You can also access Visual Voicemail from the Phone keypad by tapping .

Voicemail Notification

There are several ways your phone alerts you to a new message.

- By sounding the notification ringtone.
- By displaying in the Notifications area of the Status bar when there's a new voicemail message.
- By displaying the number of new voicemail message(s) on the Voicemail app icon.

Note: Your phone accepts voicemail even when it is turned off. However, your phone only notifies you of new messages when it is turned on and you are in a Sprint service area. When you are outside the Nationwide Sprint Network, you may not receive notification of new voicemail messages. Sprint recommends that you periodically check your voicemail by dialing 1 + area code + your wireless phone number. Roaming rates apply when you access voicemail while outside the Nationwide Sprint Network.

Visual Voicemail

Visual Voicemail offers a new way to manage your voicemail. Use Visual Voicemail to:

- View your voicemails as text.
- Choose messages to view. You don't have to listen to them in the order they arrived.
- Archive important messages.
- Compose new messages, and send them to Email, as a text message, or directly to Voicemail.

- Share messages via Email and text message.
- With a Premium account, you can read your voicemails, have them auto-forwarded to Email, or share them with Facebook® or Twitter.

1. Press **Home**, and then tap **Apps** > **Voicemail**.
2. Follow the prompts to set up an account and learn about using Visual Voicemail.

Note: You can also access Visual Voicemail from the **Phone** keypad by tapping .

Logs

The Logs tab of the Phone app lists all missed , dialed, received, and rejected calls.

View Logs

From Logs, you manage the list of recent calls.

1. Press **Home**, and then tap **Phone** > **Logs**.
2. While viewing the list of calls, you can use these options:
   - Tap the menu to display **All calls**, **Missed calls**, **Dialed calls**, **Received calls,** or **Rejected calls**.
   - Tap a call to display the call record, where you can tap to return the call, or to send a message to the caller.
   - Touch and hold on a call record to select it. You can continue selecting calls

Make a Call from Logs

You can return a call from a recent call record.

1. Press **Home**, and then tap **Phone** > **Logs**.
2. Tap a call record, and then tap to call the number.

Tip: You can also swipe across a call record from left to right to call the number.

Send a Message from Logs

You can send a message to a number from a recent call record.

1. Press **Home**, and then tap **Phone** > **Logs**.

2. Tap a call record, and then tap to create a message to the number.

Tip: You can also swipe across a call record from right to left to create a message.

Save a Number to Contacts from Logs

You can save a number from a recent call record to create a new contact, or update an existing contact.

1. Press **Home**, and then tap **Phone** > **Logs**.
2. Tap a call record, and then tap > **Create contact** or **Update existing**.

Search Logs

Enter criteria to search for call records. You can enter numbers to find a phone number, or letters to find a contact name or caller ID.

1. Press **Home**, and then tap **Phone** > **Logs**.
2. Tap a call record, and then tap **Menu** > **Search**.
3. Enter criteria to display matching call records.

Send a Number from Logs

You can send a number from a call record in a text message.

1. Press **Home**, and then tap **Phone** > **Logs**.
2. Tap a call record, and then tap **Menu** > **Send**.
3. Enter recipients for the message, and then tap **Send**.

Add Numbers to the Reject List from Logs

You can save numbers from recent logs to the reject list, to automatically reject incoming calls from the number. For more information about rejecting calls automatically, see Call Rejection.

1. Press **Home**, and then tap **Phone** > **Logs**.
2. Tap a call record, and then tap **Menu** > **Add to reject list**.

Delete Logs

Follow these steps to clear the Logs list.

- Press **Home**, and then tap **Phone** > **Logs**.
  - To delete a single call record, touch and hold on a call record to mark it, and then tap **Delete**.
  - To delete multiple call records, touch and hold on a call record to mark it, and continue tapping call records to mark them for deletion. Tap **Delete** to delete all the marked calls.

Contacts

The Contacts application lets you store and manage contacts from a variety of sources, including contacts you enter and save directly in your phone as well as contacts synchronized with your Google account, your PC, compatible email programs (including Exchange Server), and your Facebook friends.

Get Started With Contacts

When you set up an account on your phone, the contacts you have stored in the account are also available on your phone. When you add contacts, you can choose to save the contacts to the phone, or to one of the accounts you have set up on the phone.

- **Google** contacts are synchronized between your phone and a Google account you set up on your phone.
- **Device** contacts are stored locally on the phone.

Note: If you ever perform a factory reset on your phone, contacts stored on the device will be lost.

Access Contacts

There are a couple of ways to access Contacts.

- Press **Home**, and then tap **Apps** > **Contacts**.

  - or -

  Press **Home**, and then tap **Phone** > **Contacts** tab.

Find a Contact

1. Press **Home**, and then tap **Apps** > **Contacts**.
2. Tap the Search field, and then enter characters to find contacts that match.

   – or –

   Tap a letter on the side of the list to go directly to that letter in the alphabetical list.

Contacts Settings

Choose options for contacts, including choosing how contacts display, importing and exporting contacts, and more.

1. Press **Home**, and then tap **Apps** > **Contacts**.
2. Tap **Menu** > **Settings** for options:

- **Import/Export**: Import contacts from USB storage, or export contacts to USB storage. USB storage is your phone's internal memory. Contacts are imported or exported as namecards (.vcf). For more information, see
- **Contacts to display**: Choose contacts to display, from accounts stored on your phone, or other sources.
- **Swipe to call/send msgs**: When enabled, you can swipe your finger over a contact record to call or create a message to the contact's default number. The default number is set when you enter multiple phone numbers for a contact. To use this option, swipe your finger from left to right to call the contact, or from right to left to create a message.
- **Only contacts with phones**: When enabled, only contacts that have at least one phone number display in contacts.
- **Sort by**: Choose whether to list contacts by first or last name.
- **Display contacts by**: Choose whether to display first names, or last names, first.
- **Send contact information**: When you send or export contacts, you can select how they will be transferred. If you send them together, multiple contacts are sent at one time. This can reduce transmission time, but not all devices support receiving multiple contacts at one time. If you send contacts individually, it may take a long time because the other device must accept each contact individually, but it's more likely that no contacts will be missing. Tap Export settings to choose a sending method.
- **Accounts**: Add and manage accounts on your phone. Some accounts, like your Google and Samsung accounts, can sync contacts with your phone.

Add a Contact

You can add contacts directly from the Contacts application. Enter details such as name, phone numbers, email addresses, mailing addresses, and more.

1. Press **Home**, and then tap **Apps** > **Contacts**.
2. Tap , and then touch contact fields to enter information.
   - Tap to choose a storage account for the contact. You can choose **Device** to store the contact on the phone, or choose an account.
   - Tap to assign a picture to the new contact:
     - **Image**: Choose a picture from Gallery.
     - **Tagged pictures**: Choose a tagged photo from Gallery.
     - **Take picture**: Take a new picture.

- Tap the **Name** field to use the onscreen keyboard to enter the full name. Tap for additional name fields.
- Tap the **Phone number** field, and then enter the phone number. Tap to add another Phone number. Tap to choose a label for the number. If you add more than one phone number, you'll be prompted to choose a default phone number. The default phone number is the one your phone will use in most cases.
- Tap beside **Email** to enter an email address. If you add more than one email address, you'll be prompted to choose a default email address. The default email address is the one your phone will use in most cases.
- Tap beside **Groups** to assign the contact to a group.
- Tap beside **Ringtone** to choose a ringtone to play for calls from the contact.
- Tap **Add another field** to add new fields for the contact.

3. Tap **Save** to save the new contact.

Save a Phone Number

You can save a phone number to Contacts directly from the phone keypad.

1. Press **Home**, and then tap **Phone**.
2. Enter a phone number using the onscreen keypad.
3. Tap **Add to contacts**, and then tap **Create contact** or **Update existing**.
4. Continue adding information for the contact, as desired.
5. Tap **Save** to save the contact.

Note: If you have accounts set up on your phone, you can save the contact to an account.

Edit a Contact

Once you've added a contact, you can add or edit any of the information in the entry, assign a picture, customize it with a unique ringtone, and more.

Add or Edit Information for a Contact

You can modify existing contact information to keep your information up-to-date.

1. Press **Home**, and then tap **Apps** > **Contacts**.

2. Tap a contact to display it, and then tap **Edit**.
3. Tap any field you want to change or add. See Add a Contact.
4. Add or edit the information, and then tap **Save**.

Assign a Picture to a Contact

Adding a picture to a contact entry creates a more personal and easily recognized entry. For example, when receiving a call from one of your contacts, the associated picture will display. You can assign a picture from Gallery, or take a new picture with Camera.

1. Press **Home**, and then tap **Apps** > **Contacts**.
2. Tap a contact to display it, and then tap .
3. Tap to assign a picture to the new contact:
   - **Image**: Choose a picture from Gallery.
   - **Tagged pictures**: Choose a tagged photo from Gallery.
   - **Take picture**: Take a new picture.
4. Follow the prompts to save the picture to the contact.

Assign a Ringtone to a Contact

You can assign a special ringtone to individual contacts for more personalization.

1. Press **Home**, and then tap **Apps** > **Contacts**.
2. Tap a contact to display it, and then tap the **Ringtone** field
3. Choose a ringtone preloaded on your phone, or tap **Add** to choose a sound from Music.
4. Tap **OK** to assign the ringtone.

Link Contacts

When you have contacts from various sources (Gmail, phone, Facebook, etc.), you may have multiple similar entries for a single contact. Your phone's Contacts application lets you link multiple entries into a single contact.

1. Press **Home**, and then tap **Apps** > **Contacts**.
2. Tap a contact to display it, and then tap **Menu** > **Link contacts**.

3. Tap another entry to link it to the original contact.

Note: You can link up to five contacts in a single entry.

Delete Contacts

You can delete a single contact, or choose multiple contacts to delete.

Delete a Contact

1. Press **Home**, and then tap **Apps** > **Contacts**.
2. Tap a contact to display it, and then tap **Menu** > **Delete** > **OK**.

Delete Multiple Contacts

1. Press **Home**, and then tap **Apps** > **Contacts**.
2. Tap **Menu** > **Delete**, and then tap contacts to select them, or tap **Select all**.
3. Tap **Done**.

Save a Business Card as a Contact

Take a picture of a business card, and your phone recognizes the information to save the business card in Contacts, and create a new contact from the info on the business card.

1. Press **Home**, and then tap **Apps** > **Contacts**.
2. Tap **Menu** > **Business cards** > **Add**.
3. When the camera opens, center the business card in the guidelines on the screen. If the Camera can recognize the business card, it will take the picture automatically, or you can take the picture manually.
4. Your phone analyzes the picture of the business card, and uses information it recognizes to create a new contact. You can also add more information to the contact.
5. Tap **Save** to save the new contact. The business card is displayed as the picture for the contact.

Tip: You can view all your business cards by tapping **Menu** > **Business cards**.

Import and Export Contacts

You can import contacts from your phone's internal memory, or from an optional installed memory card (not included). You might want to import contacts if you're moving contacts from a previous device, or from another source.

You can also export contacts to your phone's memory, or to an optional installed memory card (not included). You might want to export your contacts to share them with another device, or for safekeeping.

Contacts are saved as vCards (.vcf). vCards can be shared with other devices, and can be attached to messages or emails.

Import Contacts

1. Press **Home**, and then tap **Apps** > **Contacts**.
2. Tap **Menu** > **Import**, and then choose a source:
   - **Import from USB storage**: Import contacts stored in your phone's internal memory.
   - **Import from SD card**: Import contacts stored on an optional installed memory card (not included).
3. Choose an account to save the contacts to, or choose Device to save the contacts to your phone's memory.
4. Choose an import option, and then tap **OK**:
   - **Import vCard file**: Choose one vCard file to import.
   - **Import multiple vCard files**: Choose vCard files to import.
   - **Import all vCard files**: Import all vCard files found in the source.

Export Contacts

1. Press **Home**, and then tap **Apps** > **Contacts**.
2. Tap **Menu** > **Export**, and then choose a source:
   - **Export to USB storage**: Save contacts to your phone's internal memory.
   - **Export to SD card**: Save contacts to an optional installed memory card (not included).

Merge Contacts

If you have accounts set up on your phone, you can merge device contacts with the account's contacts. Device contacts are stored only in the phone's memory, and could be lost if you lose your phone or reset it to the factory defaults. Merging with an account means the contacts are synced with the account and stored there.

1. Press **Home**, and then tap **Apps** > **Contacts**.

2. Tap **Menu** > **Merge accounts**.
3. Choose an account to merge with, and then follow the prompts to complete the merge.

Speed Dials

Speed dials are 1-to-3 digit shortcuts you can assign to contacts, to make dialing faster. Speed dial 1 is reserved for Voicemail.

Assign Speed Dials

1. Press **Home**, and then tap **Apps** > **Contacts**.
2. Tap **Menu** > **Speed dial**.
3. Tap an unused speed dial, and then select a contact to assign to the number.

Remove Speed Dials

1. Press **Home**, and then tap **Apps** > **Contacts**.
2. Tap **Menu** > **Speed dial**, and then tap X beside the speed dials you want to remove.

Make a Call With a Speed Dial

1. Press **Home**, and then tap **Apps** > **Contacts**.
2. Touch the speed dial digits, holding the last digit until the number dials.

Favorites

The Favorites tab is a listing that can help you quickly access your most used or preferred Contacts entries.

Mark Contacts as Favorites

1. Press **Home**, and then tap **Apps** > **Contacts**.
2. Tap a contact to display it, and then tap **Favorite** to turn the star yellow.

Remove Contacts from Favorites

1. Press **Home**, and then tap **Apps** > **Contacts**.

2. Tap **Favorites**, and then touch and hold on a contact to select it. You can also tap other contacts, or choose **Select all** to select all contacts.
3. Tap **Delete**.

Make a Call from Favorites

1. Press **Home**, and then tap **Apps** > **Contacts**.
2. Tap **Favorites**, and then tap a contact to dial the contact's default telephone number. The default number is set in contacts, when you enter multiple phone numbers for a contact.

Create a Shortcut to a Favorite

You can create a shortcut to a favorite, to access their information directly from the home screen.

1. Press **Home**, and then tap **Apps** > **Contacts**.
2. Tap **Favorites**, and then touch and hold on a contact to select it.
3. Tap **Menu** > **Add shortcut to home screen**. The new shortcut displays in an empty area of the home screen.

Groups

You can use groups to organize your contacts. Your phone comes with preloaded groups, and you can create your own. You might create a group for your family, for coworkers, or a team. Groups make it easy to find contacts, and you can send messages to the members of a group.

Create a Group

1. Press **Home**, and then tap **Apps** > **Contacts**.
2. Tap **Groups**, and then tap **Add**.
3. Tap fields to enter information about the group:
   - Tap **Create group in** to choose where to save the group. You can save it to an account, or to the device memory.
   - Tap **Group name** to enter a name for the new group.
   - Tap **Group ringtone** to select a ringtone for notifications for incoming calls from group members.
   - Tap **Group message tone** to select a ringtone for notifications for new messages from group members.

- Tap **Group vibration pattern** to select a vibration pattern for alerts to incoming calls or messages from group members.

4. Tap **Add member** and select a member or members to add to the new group, and then tap **Done**.
5. Tap **Save** to save the new group.

Add Contacts to a Group

1. Press **Home**, and then tap **Apps** > **Contacts**.
2. Tap **Groups**, and then tap a group.
3. Tap **Add**, and then tap the contact(s) you want to add.
4. Tap **Done**.

Send a Message to a Group

You can send a message to members of a group, if the members have a telephone number stored in their contact record.

A message to multiple recipients is treated as a group conversation. For more information about group conversations.

1. Press **Home**, and then tap **Apps** > **Contacts**.
2. Tap **Groups**, and then tap a group.
3. Tap **Menu** > **Send message or email** > **Message**.
4. Tap contacts to select them, or tap **Select all** and tap **Done**.
5. Continue to enter your message and send it. For more information, see Text and Multimedia Messaging.

Send an Email to a Group

You can send an email to members of a group, if the members have an email address stored in their contact record.

1. Press **Home**, and then tap **Apps** > **Contacts**.
2. Tap **Groups**, and then tap a group.

3. Tap **Menu** > **Send message or email** > **Email**.
4. Tap contacts to select them, or tap **Select all** and tap **Done**. Note that you'll only see group members that have email addresses in their contact records.
5. Continue to choose an email account, or Gmail, and then enter your email and send it. For more information, see Compose and Send Email .

Share Contacts

You can quickly share contacts via Bluetooth, Email, Gmail, Messages, or Wi-Fi Direct, or you can add them to Dropbox or send them to print.

Send Contact Information

You can copy a contact's information into a text message and send it.

1. Press **Home**, and then tap **Apps** > **Contacts**.
2. Tap a contact to display it, and then tap **Menu** > **Send contact information**.
3. Choose information to send, and then tap Done.
4. Continue with the text message. For more information on text messaging, see Text and Multimedia Messaging

Share a Name Card

When you share a name card, the contact's information is sent as a vCard file (.vcf). You can attach a vCard to a message, or save it to a storage location.

1. Press **Home**, and then tap **Apps** > **Contacts**.
2. Tap a contact to display it, and then tap **Menu** > **Share name card**.
3. Choose a sharing method:
   - Your phone scans for nearby available devices, to connect via Quick Connect. If the target device appears in the scan, touch it to continue. For more information about Quick Connect.
   - If no devices are found in the scan, choose a sharing method:
     - **Add to Dropbox**: Save the contact to your Dropbox account.
     - **Bluetooth**: Send the information via Bluetooth. See Bluetooth for information on pairing and sending via Bluetooth.
     - **Cloud Printing**: Print the contact record to a compatible Wi-Fi printer (not included).

- **Drive**: Save the contact to Google Drive.
- **Email**: Attach the contact to a new Email message. If prompted, select an email account. See Compose and Send Email for details on sending email.
- **Gmail**: Send the information as a Gmail attachment. See Send a Gmail Message for details.
- **Messages**: Attach the contact to a message (adding an attachment converts the message to MMS). For more information on messaging, see Text and Multimedia Messaging.
- **Wi-Fi Direct**: Transfer the contact via a peer-to-peer Wi-Fi connection. For more information.

Accounts and Messaging

With Sprint service and your phone's messaging capabilities, you have the opportunity to share information through many different channels and accounts.

Google Account

Many of your phone's applications, such as Gmail, Google Maps, Google Hangouts, and the Google Play Store, require a free Google account. To use these applications, you must set up your Google account on your phone. Setting up your account on your phone syncs your phone and your online Google account.

Create a Google Account

If you do not already have a Google account, you can create one using your phone. The first time you turn on your phone, the setup process prompts you to sign in to your Google account, or you can sign in anytime.

Although you need a Gmail account to use certain features of your phone, such as Google Play, you do not need to use Gmail as the default account for your phone.

1. Press **Home**, and then tap **Apps** > **Settings**.
2. Tap **Accounts** > **Add account** > **Google** > **New**.
3. Follow the onscreen prompts to create your free account.

Sign In to Your Google Account

If you have a Google Account but have not yet signed in with your phone, follow these instructions to sign in to your Google Account.

1. Press **Home**, and then tap **Apps** > **Settings**.
2. Tap **Accounts** > **Add account** > **Google** > **Existing**.
3. Follow the prompts to enter your Google account and password, and choose options for your account on your phone.

Access Gmail

After you set up your Google account on your phone, you can access Gmail from your phone.

1. Press **Home**, and then tap **Apps** > **Gmail**.
2. Do any of the following:
   - Swipe your finger up the screen to view more messages and conversations.
   - Tap a message or conversation to read it.

- If you have more than one Google account set up on your phone, the menu at the top of the screen to choose an account to view.

Send a Gmail Message

Send and receive Gmail from your phone.

1. Press **Home**, and then tap **Apps** > **Gmail**.
2. From the Inbox, tap , and then enter the email address(s) in the **To** field. To send a carbon copy (Cc) or a blind carbon copy (Bcc) of the email to other recipients, tap **Menu** > **Add Cc/Bcc**.
3. Tap the **Subject** field and enter the email subject.
4. Tap the **Compose email** field and compose your email. To add an attachment, tap **Menu** > **Attach picture** or **Attach video**.
5. To send the message, tap .

- To save the current email as a draft, tap **Menu** > **Save draft**. To view your draft email messages, from the Inbox, tap **Inbox** and then tap **Drafts**.
- To delete the current email message, tap **Menu** > **Discard**.

Read and Reply to Gmail Messages

Below are procedures for reading and replying to Gmail messages.

1. Press **Home**, and then tap **Apps** > **Gmail**.
2. Tap a message to display its contents.
3. Tap to display the reply screen.
4. Tap the menu at the top of the screen, and then tap **Reply**, **Reply All**, or **Forward**.
5. To send the message, tap .

Tip: You can also access new messages from the Notification panel. When a new Gmail message arrives, you'll see the icon in the status bar. Touch and hold the bar and slide it down to display the Notification panel. Tap a message to display it.

Samsung Account

Create a Samsung account, for access to Samsung apps and services, such as Samsung Hub, Samsung Apps, Samsung Link, and much more.

When you sign in to your Samsung account on your phone, can access Samsung-specific content and features.

1. Press **Home**, and then tap **Apps** > **Settings**.
2. Tap **Accounts** > **Add account** >**Samsung account**, and then tap **Sign in** or **Create new account**.
3. Follow the prompts to sign into your account, or create a new account.

Note: Tap **Help** for more information about Samsung accounts, or for help with your account.

Email

Use the Email application to send and receive email on your phone.

Add an Email Account

Email allows you to send and receive email using various email services. You can also receive text message alerts when you receive an important email.

Note: If your phone does not recognize the type of account you want to set up, you may need to consult the account administrator for some information, such as incoming and outgoing server settings, before you set up the account.

1. Press **Home**, and then tap **Apps** > **Email**.
2. Enter your email address in the **Email address** field.
3. Enter your password in the **Password** field. To see your password as you enter it, tap **Show password**.
4. Tap **Next** to start automatic email setup. If you need to configure custom settings, tap **Manual setup** and then enter your settings. These may include mail type, user name, password, server, security type, etc.
5. Follow the onscreen prompts to configure options for the account.
6. Tap **Done** to complete setup.

Note: You can also add email accounts from Settings. Press **Home**, and then tap **Apps** > **Settings** > **Accounts** > **Add account** > **Email**.

Add a Microsoft Exchange ActiveSync Account

You can set up your Microsoft Exchange ActiveSync account on your phone, to sync your email, Contacts, and Task information between your phone and account.

Note: Before setting up a Microsoft Exchange ActiveSync Account, contact your company's Exchange Server administrator for information you'll need while setting up the account.

1. Press and tap **Apps** > **Settings** > **Accounts** > **Add account** > **Microsoft Exchange ActiveSync**.
2. Enter your email address in the **Email address** field.
3. Enter your password in the **Password** field. To see your password as you enter it, tap **Show password**.
4. Tap **Manual setup** and then enter your settings. You may need to consult your network administrator for this information:
   - **Domain\Username**: Enter your network domain and username, separated by "\".
   - **Password**: Enter your network access password (case-sensitive).
   - **Exchange Server**: Enter your system's Exchange server remote email address. Obtain this information from your company network administrator.
   - **Use secure connection (SSL)**: Tap to place a checkmark in the box, if your system requires SSL encryption.
   - **Use client certification**: Tap to place a checkmark in the box, if your system requires certification.
5. Follow the onscreen prompts to configure options for the account.
6. Tap **Done** to complete setup.

Note: You can also add email accounts from the Email app.

Compose and Send Email

Compose and send email using any account you have set up on your phone. Increase your productivity by attaching files such as pictures, videos, or documents to your email messages.

1. Press **Home**, and then tap **Apps** > **Email**.
2. From the Inbox, tap .
3. Tap fields to compose your message:

- Tap the **To** field and enter the recipient's email address. You can add multiple message recipients.
- To send a carbon copy (Cc) or a blind carbon copy (Bcc) of the current email to other recipients, tap the **Cc/Bcc** field.
- Tap the **Subject** field and enter the email subject.
- Tap the text entry field and compose your email.
  - To add an attachment, tap . Choose My Files, Images, Take picture, Video, Record video, Audio, Record audio, S Memo, Calendar, Contacts, or Location.
  - Tap for more options, including Send email to myself, Scheduled email, Priority, Tracking options, and Security options.

4. To send the message, tap .

Reply To or Forward Email

Reading and replying to email on your phone is as simple as on your computer.

1. Press **Home**, and then tap **Apps** > **Email**.
2. On the email account Inbox, tap a message to view it.
3. Choose an option:
   - **Reply**: Send a message to the original sender.
   - **Reply all**: Send a reply to the original recipient list.
     Forward: Send the message to new recipient(s).
4. Enter a message (if desired) and then tap .

Manage Your Email Inbox

The following procedures allow you to view, refresh, sort, and delete your email messages.

View Your Email Inbox

1. Press **Home**, and then tap **Apps** > **Email**.
2. If you have multiple accounts set up on your phone, tap the toolbar at the top of the screen and then choose one from the menu.

Synchronize an Email Account

Whatever your automatic synchronization settings are, you can also synchronize your sent and received email messages manually at any time.

1. Press **Home**, and then tap **Apps** > **Email**.
2. Select an email account.
   - If you are already in an email account, tap the account name field (upper-left) to open the complete email account list page.
   - Select an available email account.
3. Tap **Sync**.

Sort Email Messages

1. Press **Home**, and then tap **Apps** > **Email**.
2. On the email account Inbox, tap > **Sort by**.
3. Select an option to sort email messages.

Delete Email Messages

1. Press **Home**, and then tap **Apps** > **Email**.
2. On the email account Inbox, touch and hold the message you want to delete.

   – or –

   Tap the check boxes beside email you want to delete.
3. Tap **Delete**, and then follow the prompts to confirm the deletions.

Edit Email Settings

You can edit general preferences, which apply to all email accounts, or configure settings for specific email accounts, such as email address and password, name display and signature, frequency of retrieval, and more.

Note: Available settings depend on the type of email account.

Edit General Preferences

1. Press **Home**, and then tap **Apps** > **Email**.

2. Tap **Menu** > **Settings** to configure settings. Available settings depend on the type of email account, and may include:

   - **Manage accounts**: Configure options for specific accounts.
   - **Display**: Choose how emails are shown in the email list, and when you open them.
     - **Auto fit content**: When enabled, email content shrinks to fit the screen. You can still view details by zooming in.
     - **Message preview line**: Choose whether up to 3 lines display with the email subject in the Inbox.
     - **Title line in list**: Choose what displays as the title in the list of emails, the sender, or the subject of the email.
     - **Hide checkboxes**: Enable or disable the display of checkboxes beside each email. When checkboxes are displayed, you can use them to select email(s). If you choose to hide checkboxes, you can touch and hold on an email to temporarily display them, such as when you want to select multiple emails.
   - **Default display**: Select what's displayed after you move or delete emails. You can choose to move to the next email, or the previous email, or return to the list of emails in the inbox.
   - **Priority sender settings**: Choose options for handling emails from priority senders.
     - **Set as default folder**: When enabled, the priority sender inbox displays when you open Email.
     - **Email notifications**: When enabled, notifications for new emails display in the status bar. When disabled, you can control notifications for each of your email accounts individually in the account's settings.
     - **Ringtone**: Choose a ringtone to use for notifications for new email from priority senders.
     - **Vibrate**: Enable or disable vibration, to play for notifications for new email from priority senders.
   - **Spam addresses**: Create and maintain a list of email addresses and domains, to automatically block emails from those senders.
   - **Delay email sending**: Choose options for delaying the sending of emails, so that they can be cancelled if needed.
     - **Delay email sending**: When enabled, the sending of emails is delayed, and a cancel button is displayed, for a period of time you set below.
     - **Set length of delay**: Choose a time period to delay sending of emails.

Manage Account Settings

You can edit settings for your individual email accounts, such as email address and password, name display and signature, frequency of retrieval, and more.

Note: Available settings depend on the type of email account.

1. Press **Home**, and then tap **Apps** > **Email**.
2. Tap **Menu** > **Settings** > **Account settings**, and then choose an account to configure settings:
   - **Sync settings**: Tap to configure options for synchronizing your phone with your account:
     - **Sync Email**: When enabled, your phone maintains synchronization with your email account. The last synchronization is displayed.
     - **Sync schedule**: When Sync email is enabled, set options for synchronizing your phone with your email account.
     - **Period to sync Email**: Choose a time period to have your phone maintain synchronization.
     - **Size to retrieve emails**: Choose a maximum size for emails, for your phone to automatically retrieve during synchronization. For larger emails, your phone will prompt you to download the contents when you open them.
   - **Signature**: When on, a text signature is automatically added to emails you send. Tap the **ON/OFF** switch to turn signatures on or off. After turning signatures on, tap **Edit signature** to edit the default text signature.
   - **Out of office settings**: Configure options for automatically sending replies when you are out of the office.
   - **Default account**: Assign an account as the default email account for outgoing messages. When you launch an email from other apps, the email will automatically be from this account.
   - **Password**: Update your account password to match the password set on your account.
   - **Email notifications**: When enabled, an icon displays in the Status bar when you receive new emails.
   - **Select ringtone**: Choose a ringtone to play for new email notifications.
   - **Vibrate**: When enabled, vibration plays for new email notifications.

- **More settings**: Configure other options, including the account name, carbon copy and blind carbon copy, synchronization, and security options.
  - **Account name**: Enter a name to identify this email account.
  - **Your name**: Enter a name, to be shown to recipients in emails from this account.
  - **Always Cc/Bcc myself**: Choose options for sending a copy of emails you send to yourself, as a copy (Cc) or blind copy (Bcc).
  - **Show images**: Choose whether to automatically display embedded images in the body of an email.
  - **Auto download attachments**: Choose whether the phone automatically downloads email attachments when you are connected to Wi-Fi. You might use this option to control how and whether you use your plan's data services to download attachments.
  - **Auto resend times**: Choose the number of times the phone attempts to resend an email after a delivery failure.
  - **Folder sync settings**: Choose folders to synchronize between your phone and account.
  - **Period to sync Calendar**: Choose the period for synchronizing calendar events between your phone and account.
  - **Empty server trash**: Delete the contents of the trash folder on the account server.
  - **In case of sync conflict**: Choose whether information from the server or phone has priority when there is a conflict.
  - **Security options**: Configure advanced security options, including encryption.
  - **Number of emails to load**: Choose the number of emails displayed at one time.
  - **Sync Contacts**: Choose whether contacts are synchronized between your phone and the account.
  - **Sync Calendar**: Choose whether calendar events are synchronized between your phone and the account.
  - **Sync Task**: Choose whether emails are synchronized between your phone and the account.
  - **Exchange server settings**: Configure the Domain\user name, Password, and other Exchange server settings.
  - **Incoming settings**: Configure settings for the account server to access your account on your phone.
  - **Outgoing settings**: Configure settings for accessing your account from your phone.

Delete an Email Account

If you no longer want an email account on your phone, you can remove it.

1. Press **Home**, and then tap **Apps** > **Email**.
2. **Menu** > **Settings** > **Account settings**, and then tap .
3. Tap an account to mark it for deletion.
4. Tap **Delete**, and then follow the prompts to delete the account.

Text and Multimedia Messaging

With Text Messaging (SMS), you can send and receive text messages between your phone and another phone that supports messaging.

Multimedia messages, (MMS), can contain text and pictures, recorded voice, audio or video files, picture slideshows, contact namecards (vCard), or calendar events (vCalendar).

See your service plan for applicable charges for messaging.

Send a Text Message (SMS)

Quickly compose and sent text messages on your phone.

1. Press **Home**, and then tap **Messages**.
2. Tap .
3. Tap **Enter recipient**, and then enter a contact name, a mobile phone number, or an email address using the onscreen keyboard. As you enter letters, possible matches from your accounts and contacts display on the screen. Touch a match to add it to the message.
4. Tap **Enter message** and enter your message.
5. Review your message and tap .

Send a Multimedia Message (MMS)

When you need to add a little more to a text message, you can send a multimedia message (MMS) text and pictures, recorded voice, audio or video files, picture slideshows, contact namecards (vCard), or calendar events (vCalendar).

Composing MMS messages is the same as composing text messages, except that you attach a file to the message.

1. Press **Home**, and then tap **Messages**.

2. Tap .
3. Tap **Enter recipient**, and then enter a contact name, a mobile phone number, or an email address using the onscreen keyboard. As you enter letters, possible matches from your accounts and contacts display on the screen. Touch a match to add it to the message.
4. Tap **Enter message** and enter your message.
5. To add an attachment, tap , and then select a file to attach:
   - **Image**: Choose a picture from Gallery.
   - **Take a picture**: Launch the Camera to take a photo, and then add it to your message by tapping **Save**.
   - **Video**: Choose a video from Gallery.
   - **Record video**: Launch the Camera to record a video, and then add it to your message by tapping **Save**.
   - **Audio**: Choose a sound from Music.
   - **Record audio**: Launch Voice Recorder to record a new sound.
   - **S Memo**: Launch S Memo to choose or create a memo. For more information, see S Memo.
   - **Calendar**: Add an event from your calendar.
   - **Location**: Attach a map showing your location.
   - **Contacts**: Add a contact entry (namecard) to the message.
6. When done, tap to send the message.

Save and Resume a Draft Message

If you tap the **Back Key** while composing a text or multimedia message, or leave the Messages screen, the message is automatically saved as a draft.

To resume composing a Draft message:

1. Press **Home**, and then tap **Messages**.
2. On the Messages screen, tap the message with the with **Draft** marked.
3. When you finish editing the message, tap .

New Messages Notification

Depending on your notification settings, the phone will play a ringtone, vibrate, or display the message briefly in the status bar when you receive a new text or multimedia message. To change the notification for new text and multimedia messages, see Text and MMS Settings for details.

A new message icon also appears in the notifications area of the status bar to notify you of a new text or multimedia message. The Messages app icon also displays the number of new messages.

To open the message, touch and hold the status bar, and then slide the status bar down to open the Notification panel. Tap the new message to open and read it. For information on reading and replying to messages see Managing Message Conversations.

Managing Conversations

Text and multimedia messages that are sent to and received from a contact (or a number) are grouped into conversations or message threads in the All messages screen. Threaded text or multimedia messages let you see exchanged messages (similar to a chat program) with a contact on the screen.

To read a text message:

- On the Messages screen, tap the text message or message thread to open and read it.
- If you have a new message notification, slide the status bar down to open the Notification panel. Tap the new message to open and read it.

Note: To view the details of a particular message, in the message thread, touch and hold the message to open the options menu, and then tap **View message details**.

If a message contains a link to a Web page, tap the message and then tap the link to open it in the Web browser.

If a message contains a phone number, tap the message and then tap the phone number to dial the number or add it to your contacts.

To view a multimedia message (MMS):

1. Press **Home**, and then tap **Messages**.
2. From the message list, tap a message to display it.
3. While the message is open, tap the play icon (on a video or audio file) to play back the file or tap an image to view a picture.

Note: The file attachment on a MMS message can be saved to an optional installed memory card (not included). Touch and hold on the attachment, and then tap **Save attachment**. Select the attachment check box and tap **Save**.

Reply to a Message

1. Press **Home**, and then tap **Messages**.
2. From the message list, tap a message.
3. Tap the **Enter message** field and then type your reply message.
4. Once complete, tap .

Protect a Message from Deletion

You can lock a message so that it will not be deleted even if you delete the other messages in the conversation.

1. Press **Home**, and then tap **Messages**.
2. On the Messages screen, tap a message thread.
3. Touch and hold the message that you want to lock.
4. Tap **Lock** on the options menu. A lock icon displays at the lower right hand side of the message.

Delete a Conversation

1. Press **Home**, and then tap **Messages**.
2. Touch and hold the conversation you want to delete.
3. Tap **Delete thread** and follow the prompts to delete the thread.

Delete Multiple Conversations

1. Press **Home**, and then tap **Messages**.
2. Tap > **Delete threads**.
3. Select the message threads you want to delete and tap **Delete**.

Note: Locked messages will not be deleted, unless you select the **Include protected messages** check box before confirming the deletion.

Delete a Message

1. Press **Home**, and then tap **Messages**.
2. While viewing a message thread, touch and hold the message that you want to delete.

3. Tap **Delete** on the options menu, and then follow the prompts to confirm the deletion.

Message Settings

The messages settings menu lets you control options for your text and MMS messages including message limits, size settings, and notifications.

1. Press **Home**, and then tap **Messages**.
2. Tap >**Setting** to configure message settings:
   - **Default messaging app**: Choose an app to use by default.
   - **Delete old messages** allows the phone to automatically delete the oldest messages when the maximum number of messages is reached. Set the maximum number of messages with the Text message limit and Multimedia message limit settings below.
   - **Text message limit** allows you to set the maximum number of text messages per conversation.
   - **Multimedia message limit** allows you to set the maximum number of multimedia messages per conversation.
   - **Text templates** allows you to create and manage text strings that you can add to messages.
   - **Auto combination** allows you to choose whether long messages that are received in multiple parts are automatically re-assembled to display as a single message.
   - **Group messaging** allows you to control how messages to multiple recipients are handled. When enabled, a single message is sent to multiple recipients. When disabled, a separate message is sent to each recipient.
   - **Auto retrieve** allows you to choose whether message attachment(s) are automatically downloaded when you display a multimedia message. If you disable this option, only the message header displays in the message list, and you'll be prompted to download the attachment(s).
   - **Roaming auto retrieve** allows you to choose whether message attachment(s) are automatically downloaded while your phone is in roaming mode.
   - **MMS alert** allows you to have the phone alert you when you make a change to a message that will convert the message to a multimedia message (MMS).
   - **Bubble style** allows you to choose how messages appear on the screen. Bubbles are the boxes that surround each message.
   - **Background style** allows you to choose the background of the message screen.
   - **Use the volume key** allows you to change the text size while reading a message by pressing the Volume Key up or down.

- **Notifications** allows you specify whether notifications for new messages display in the status bar.
- **Select ringtone** allows you to set the ringtone for your message notifications.
- **Vibrate** allows you to choose whether vibration plays along with the ringtone for new message notifications.
- **Message alert repetition** allows you to choose how often your phone notifies you of new message(s).
- **Preview message** allows you to choose whether a preview of a new message appears in the status bar with the message notification.
- **Emergency alerts** allows you to configure emergency alert settings. You can enable or disable some alerts: Extreme Alert, Severe Alert, Amber Alert, and Emergency alert test messages. You cannot disable Presidential alerts.

Important: The Commercial Mobile Alert System (CMAS) system provides the government the ability to send geographically targeted notifications of emergencies, such as threats to public safety, severe weather events, a hazardous material spill or a missing child in the phone user's area.

- **Emergency notification preview** allows you to play a sample emergency alert tone. Tap **Stop** to cancel the playback.
- **Vibrate** allows you to select vibrate options for emergency messages.
- **Alert reminder** allows you to configure the reminder interval.
- **Add signature** allows you add a text signature to all messages you send.
- **Signature text** allows you to enter a text signature, when Add signature is enabled.
- **Spam settings** allows you to filter incoming messages for spam messages.
- **Add to spam numbers** allows you to enter telephone numbers, to automatically flag messages from the numbers as spam, when Spam settings is enabled.
- **Add to spam phrases** allows you to enter a text phrase, to automatically flag messages as spam when they contain the phrase. Available when Spam settings are enabled.
- **Block unknown senders** allows you to automatically block messages from numbers that are not stored as contacts on your phone.

Social Networking Accounts

Stay in touch on the go with all your social networking accounts. Post updates on Facebook and Twitter®, review your LinkedIn® contacts, see what everyone's talking about on YouTube™, and more.

YouTube

YouTube is a video sharing website on which users can upload and share videos. The site is used to display a wide variety of user-generated video content, including movie clips, TV clips, and music videos, as well as video content such as video blogging, informational shorts, and other original videos.

YouTube is a data-intensive feature. Sprint recommends that you upgrade to an unlimited data plan to avoid unexpected data charges.

1. Press **Home**, and then tap **Apps** > **YouTube**.
2. Tap to enter keywords in the Search field to search for specific videos, scroll down to browse through the main page thumbnails, or scroll to the bottom to explore additional options.
3. To view a video, tap an available preview thumbnail or tap the title link.

Note: It is not necessary to sign in to the YouTube site to view content. However, if you wish to sign in to access additional options tap the **ACCOUNT** tab. Select an account (if available) or create a new account. (Even if you sign in to YouTube via the Web, you must separately sign in via your phone.)

Google+

Google+™ makes messaging and sharing with your friends a lot easier. You can set up Circles of friends, visit the Stream to get updates from your Circles, use Messenger for fast messaging with everyone in your Circles, or use Instant Upload to automatically upload videos and photos to your own private album on Google+.

Visit www.google.com/mobile/+/ for more information.

Google+ is part of your Google account, and uses your Google account sign-in. Before using Google+, set up your Google account on your phone. For more information, see Create a Google Account or Sign In to Your Google Account.

1. Press **Home**, and then tap **Apps** > **Google+**.
2. If you are signed into more than one Google account, choose an account to use with Google+.
3. Follow the onscreen instructions to use Google+.

Hangouts

Hangouts is an application for instant messaging offered by Google. Conversation logs are automatically saved to a Chats area in your Gmail account. This allows you to search a chat log and store them in your Gmail accounts.

1. Press **Home**, and then tap **Apps** > **Hangouts**.
2. Tap **ADD ACCOUNT** to add a Google account to Google Hangouts. Tap **New** to create a new Google account, or tap **Existing** to sign in to an existing Google account.

3. Follow the prompts to begin using Google Hangouts.

Note: If you have already signed into your Google account, it displays on the Hangouts screen.

Apps and Entertainment

All your phone's features are accessible through the Applications list.

Google Play Store

The Google Play™ Store app is the place to go to find new Android apps, games, movies, music, and books for your phone. Choose from a wide variety of free and paid apps ranging from productivity apps to games. When you find an app you want, you can easily download and install it on your phone.

To access the Google Play Store app, you must first connect to the Internet using your phone's Wi-Fi or Sprint 4G or 3G data connection and sign in to your Google Account. See Web and Data and Google for details.

Important: Sprint's policies often do not apply to third-party applications. Third-party applications may access your personal information or require Sprint to disclose your customer information to the third-party application provider. To find out how a third-party application will collect, access, use, or disclose your personal information, check the application provider's policies, which can usually be found on their website. If you aren't comfortable with the third-party application's policies, don't use the application.

Find and Install an App

When you install apps from the Google Play Store app and use them on your phone, they may require access to your personal information (such as your location, contact data, and more) or access to certain functions or settings of your phone. Download and install only apps that you trust.

Note: You need a Google Wallet™ account to purchase items from the Google Play Store app. See Create a Google Wallet Account to set up a Google Wallet account if you do not have one.

1. Press **Home**, and then tap **Apps** > **Play Store**.
2. Browse through the categories to find and learn about apps.
3. Tap **Install** (for free applications) or the price (for paid applications).
4. Follow the prompts to learn about how the app uses your personal information, or access to certain functions or settings of your phone. If you agree to the conditions, tap **Accept & download** (for free apps) or **Accept & buy** (for paid apps) to begin downloading and installing the app.

Warning: Read the notification carefully! Be especially cautious with apps that have access to many functions or a significant amount of your data. Once you agree to the download and installation on this screen, you are responsible for the results of using this item on your phone.

Create a Google Wallet Account

You must have a Google Wallet account associated with your Google Account to purchase items from the Google Play Store app.

The first time you turn on your phone, the setup process will prompt you to create a Google Wallet account. If you did not create one at setup, you can create an account at any time using one of these methods:

- On your computer, go to google.com/wallet/ to create a Google Wallet account.

  – or –

  The first time you use your phone to buy an item from Google Play, follow the prompts to enter your billing information to set up a Google Wallet account.

Warning: After you use Google Wallet to purchase an app from the Google Play Store, the phone remembers your password, so you don't need to enter it the next time. For this reason, you should secure your phone to prevent others from using it without your permission. For more information, see Lock screen.

Open an Installed App

After you install an app, it's available in the Apps tray.

- Press **Home**, and then tap **Apps**, and then tap the app icon.

Uninstall an App

You can uninstall any app that you have downloaded and installed from Google Play.

1. Press **Home**, and then tap **Apps** > **Settings** > **Application manager**.
2. Tap the **DOWNLOADED** tab, and then select the app you want to uninstall.
3. Tap **Uninstall**, and then follow the prompts to remove the app from your phone.

Navigation

Your phone offers a number of location-based navigation programs to help you figure out where you are and get you where you're going.

Google Maps

Use the Google Maps™ application to find directions, location information, business addresses, etc. Determine your current location with or without GPS, get driving and transit directions and get phone numbers and addresses for local businesses.

For more information about Google Maps, visit maps.google.com.

Enable Location

To use Google Maps, enable your phone's GPS location service and agree to share location information with Google.

1. Press **Home**, and then tap **Apps** > **Settings** > **Location**.

4. Tap the **ON/OFF** switch beside Location to turn the service on.

To launch the Google Maps application:

- Press **Home**, and then tap **Apps** > **Maps**.

Samsung Apps

Browse, search, and find apps to download and install on your phone. Log in to your Samsung account to manage your downloads.

- Press **Home**, and then tap **Apps** > **Samsung Apps**.

Music Apps

Your phone lets you discover, download, and listen to your favorite music through a variety of applications.

Note: For information about loading music onto your phone, see Transfer Files Between Your Phone and a Computer.

Google Play Music

Google Play Music lets you browse, shop, and play back songs purchased from the Google Play Store app, as well as songs you have loaded from your own music library. The music you choose is automatically stored in your Google Music library and instantly ready to play or download.

For more information about Google Play Music, visit music.google.com.

Note: For information about loading music onto your phone, see Transfer Files Between Your Phone and a Computer.

- Press **Home**, and then tap **Apps** **Play Music**.

Music

The Music app plays music files. Use Music to browse your music library, play songs, and create playlists. You can also set songs as ringtones for incoming calls, or as alarm tones.

Note: For information about loading music onto your phone, see Transfer Files Between Your Phone and a Computer.

When you close the Music screen, playback will continue in the background, so you can listen to music while you use other features of your phone. When music is playing in the background, you can access playback controls from the Notification panel.

Play Music

1. Press **Home**, and then tap **Apps** > **Music**.

2. Tap the category tabs at the top of the screen. The default tabs are **Songs**, **Playlists**, **Albums**, **Artists**, and **Folders**. You may have to swipe your finger right or left along the tabs to see all of them.
3. Scroll through the list and tap a song to begin. While playing music, use these controls:
   - Tap to pause playback. To start playback again, tap .
   - Tap to move to the previous song. Tap to move to the next song.
   - Tap the repeat button to control playback. Choose to play all songs once. Choose to repeat all songs. Choose to repeat the current song.
   - Tap the shuffle button to control the order songs are played. Choose to play songs in the order they appear in the list. Choose to play songs in random order.
   - Tap to mark a song as a favorite. When a song is a favorite, the star is orange. Favorite songs are included in the Favorites playlist.
   - Tap to set the volume, or tap to choose a SoundAlive option. You can also set volume by pressing the Volume Key on the side of the phone.
   - Tap to share music with nearby devices using Group Play.
4. To close Music and stop playback, tap > **End**.

Use Playlists

Create playlists to group songs, so you can listen to them together.

1. Press **Home**, and then tap **Apps** > **Music**.
2. Tap the **Playlists** tab, and then use these options:
   - Tap an existing playlist to play its songs. While playing, tap for playlist options.
   - Tap > **Create playlist** to create a new playlist. Follow the prompts to name the playlist, and then select songs for the playlist.
   - Tap for other options, including **Edit title**, to rename playlists.

Note: While playing music, you can touch and hold on a song to choose **Add to playlist**.

Set a Song as a Ringtone or Alarm Tone

You can set a song as a ringtone for all incoming calls, or for a contact. You can also set a song as an alarm tone.

1. Press **Home**, and then tap **Apps** > **Music**.
2. Scroll to find a song, and then touch and hold on the song.
3. Choose **Set as**, and then use these options:
   - Choose how to use the song:
     - **From the beginning**: Plays the song from the beginning.
     - **Auto recommendations**: Plays the best part of the song, as detected by the Music app.
   - Choose what to set the song as:
     - **Phone ringtone**: Plays the song for all incoming calls.
     - **Caller ringtone**: Plays the song for calls from a Contact.
     - **Alarm tone**: Plays the song as the notification for alarms.
4. After choosing options, tap **Done**, and then follow the prompts to complete the setup.

Music Options and Settings

1. Press **Home**, and then tap **Apps** > **Music**.
2. Tap for options. Available options depend on the tab:
   - **Add to playlist/Create playlist**: Depending on the tab, you can add songs to a playlist, or create a new playlist.
   - **Via Bluetooth**: Share music with another Bluetooth-compatible device. For more information about using Bluetooth, see Bluetooth.
   - **Delete**: On the Songs or Playlists tabs, you can choose songs to delete, or delete playlists.
   - **Search**: Enter keywords to search for songs.
   - **Scan for nearby devices**: Search for nearby DLNA-compatible devices, to share music. For more information, see Nearby devices.
   - **Settings**:
     - **Music menu**: Choose categories for the tabs on the main Music screen.

- **SoundAlive**: Choose a setting to match the type of music.
- **Adapt Sound**: Customize sound output when you are listening with earphones. Only available when earphones are inserted into the Earphone Jack.
- **Play speed**: Touch and drag the slider to set the default speed for music playback.
- **Music auto off**: Choose a time period for music to play, after which Music will end.
- **Lyrics**: When enabled, lyrics display for songs as they play, if the lyric information is stored in the music file.
- **Smart volume**: When enabled, Music automatically adjusts the volume of all songs to an equal level.
- **Voice control**: When enabled, you can control music playback by speaking commands. Follow the prompts to configure Voice control settings.

- **End**: Stop playback and close Music.

Sprint Music Plus

With Sprint Music Plus and the Music Store, Ringtone Store, and Ringback Tone Store, you can purchase, download, and play music, ringtones, and ringback tones for your phone.

Install the Sprint Music Plus App on Your Phone

Before you use Sprint Music Plus on your phone, you must download and install the app from the Google Play Store app.

1. Press **Home**, and then tap **Apps** > **Play Store**.
2. Tap the Search icon and search for "sprint music plus".
3. Tap **Sprint Music Plus** from the results list.
4. Follow the prompts to download and install the app.
5. When the download has completed, tap **Open**.

Access Sprint Music Plus

1. Press **Home**, and then tap **Apps** > **Play Store**.
2. Touch **My Library**, select a category, and touch a song to begin playback.
   - Tap the onscreen navigation tools to skip ahead or rewind. Touch [menu icon] at any time to see additional options.
   - To stop playback and exit the application, tap > **More** > **Exit**.

Google Play Movies & TV

Google Play Movies & TV allows you to watch movies and TV shows purchased on Google Play. You can stream instantly on your Android phone or tablet, or download so you can watch from anywhere, even when you're not connected. Also, get quick access to your personal video collection, including those taken on your phone or tablet.

Learn more about Google Play Movies & TV at play.google.com/about/movies.

- Press **Home**, and then tap **Apps** > **Play Movies & TV**.

Google Play Books

Discovering your favorite books and authors has never been easier. With Google Play Books, you can shop the world's largest selection of ebooks and read them anywhere you like - on a tablet, phone, ereader, or the Web.

- Press **Home**, and then tap **Apps** > **Play Books**.

Google Play Games

Google Play Games is the easiest way for you to discover new games, track achievements and scores, and play with friends around the world. It brings all your gaming on Google Play together in a unified Android experience.

- Press **Home**, and then tap **Apps** > **Play Games**.

Google Play Newsstand

With Google Play Newsstand, discover more of the news and magazines you care about all in one app on your Android tablet or phone. Enjoy breaking news and in-depth articles featuring audio, video and more. From sports, business, cooking, entertainment, fashion and more - now get both free and paid news plus subscribe to vibrant full HD magazines, all in one place. With hundreds of premier publishers - it's all there, easy to follow, read, and share.

- Enjoy Read Now to find more of the articles you care about and discover new ones you will love.
- Explore categories like Arts & Photography, Business & Finance, Food & Drink and more and subscribe to topics tagged to the articles that interest you most
- Go Offline with any news edition, topic or magazine without missing a page. Bookmark news stories you don't have time to read for later.
- All in one - Google Play Newsstand is the new home for all your Google Currents subscriptions and Google Play Magazines. Now with one app and one tap, it's never been easier to stay informed on the news of the day..

- Press **Home**, and then tap **Apps** > **Play Newsstand**.

Sprint Zone

Access your Sprint account, get device information and help, find recommended apps, and more.

- Press **Home**, and then tap **Apps** > **Sprint Zone**.

Sprint TV & Movies

With Sprint TV & Movies, you can watch live TV and access movies and other on demand entertainment on the go.

Note: Coverage not available everywhere. Content and lineup subject to change. Select channels also available for casual usage. Go to sprintchannels.mobitv.com for more information.

Your Sprint TV Channel Options

The Sprint TV application offers a wide variety of accessible channels. Subscription options include comprehensive basic packages as well as a full menu of “a la carte” channels. Visit sprintchannels.mobitv.com for more information on channels and pricing.

Watch TV

1. Press **Home**, and then tap **Apps** > **Sprint TV & Movies**.
2. Follow the prompts to browse categories and find programs.
   - Depending on your settings, your phone may prompt you to accept a data connection.
   - You may be prompted to update your app. Tap **Update** to update Sprint TV & Movies.
   - Browse horizontally through the category options in the center of the screen to see what's available. For quick access, touch a featured item in the center of the screen or select a live channel from the bottom bar.
   - Scroll up and down in a category list and then touch a clip or channel to view the program.

Note: The first time you access a channel that requires a subscription, you will be prompted to purchase access. Touch **Subscribe** to purchase access, or touch **Preview** to see a preview of the selected channel.

Web and Data

The following topics address your phone's data connections and the built-in Web browser. Additional data-related features can be found in Accounts and Messaging, Applications and Entertainment, and Tools and Calendar.

Your phone's data capabilities let you wirelessly access the Internet or your corporate network through a variety of connections, including:

Wi-Fi

Wi-Fi provides wireless Internet access over distances of up to 300 feet. To use your phone's Wi-Fi, you need access to a wireless access point or "hotspot".

The availability and range of the Wi-Fi signal depends on a number of factors, including infrastructure and other objects through which the signal passes.

Turn Wi-Fi On and Connect to a Wireless Network

By default, your phone's Wi-Fi feature is turned off. Turning Wi-Fi on makes your phone able to discover and connect to compatible in-range Wi-Fi networks (or WAPs - wireless access points).

Turn Wi-Fi on:

1. Press **Home**, and then tap **Apps** > **Settings** > **Wi-Fi**.
2. Tap the **ON/OFF** switch to turn Wi-Fi on.

Tip: You can also turn Wi-Fi on and off through the Notification panel. Drag the Notification panel down and tap **Wi-Fi**.

Note: Wi-Fi networks are self-discoverable, which means no additional steps are required for your phone to connect to a Wi-Fi network. It may be necessary to provide a user name and password for certain closed wireless networks.

Scan and connect to a Wi-Fi network:

1. Press **Home**, and then tap **Apps** > **Settings** > **Wi-Fi**.
2. The network names and security settings (Open network or Secured) of detected Wi-Fi networks are displayed.
   - When you select an open network, you will be automatically connected to the network.
   - When you select a secured network, you will need to enter the wireless password to connect to the network. Enter the password and tap **Connect**. You can use the **show password** option to display the password as you enter it.

Add a new Wi-Fi network manually:

1. Press **Home**, and then tap **Apps** > **Settings** > **Wi-Fi**.
2. Tap **Add Wi-Fi network**.
3. Enter the Network SSID. This is the name of the Wi-Fi network.
4. Tap the **Security** field and select the security method used by the Wi-Fi network. If a password is required, enter it in the Password field.
5. Tap **Connect** to store the new information and connect to the Wi-Fi network.

Note: The next time your phone connects to a previously accessed or secured wireless network, you won't prompted to enter the wireless password again, unless you reset your phone back to its factory default settings.

Connect to a Different Wi-Fi Network

The following information is designed to help you connect your device to a different Wi-Fi network.

1. Press **Home**, and then tap **Apps** > **Settings** > **Wi-Fi**.
2. Detected Wi-Fi networks are displayed. To manually scan for available Wi-Fi networks, on the Wi-Fi settings screen, tap **Scan**.
3. Tap another Wi-Fi network to connect to it.

Note: If the wireless network you want to connect to is not in the list of detected networks, scroll down the screen, and tap **Add network**. Enter the wireless network settings and tap **Save**.

Data Services (Sprint 3G and 4G)

With your Sprint service, you are ready to start enjoying the advantages of data services. The following topics will help you learn the basics of using your data services, including managing your user name, launching a data connection, and navigating the Web with your phone.

Important: Certain data services requests may require additional time to process. While your phone is loading the requested service, the touchscreen keyboard may appear unresponsive when in fact it is functioning properly. Allow the phone some time to process your data usage request.

Your Data Services User Name

When you buy your phone and sign up for service, you're automatically assigned a user name, which is typically based on your name and a number, followed by "@sprintpcs.com". (For example, the third John Smith to sign up for Sprint data services might have jsmith003@sprintpcs.com as his user name.)

When you use data services, your user name is submitted to identify you to the Nationwide Sprint Network. Your user name is automatically programmed into your phone. You don't have to enter it.

Update Your User Name

If you choose to change your user name and select a new one online, or make any changes to your services, you must then update the profile on your phone.

1. Press **Home**, and then tap **Apps** > **Settings** > **System Update**.
2. Tap **Update Profile**.

Launch the Browser

The Browser automatically launches when a Web link is touched from within either an email or a text message.

To launch the browser to connect browse the Internet:

- Press **Home**, and then tap **Internet**.

Note: The first time you access the Web on your phone, you may be prompted to sign in with your phone number. Enter your number and tap **Ok**.

4G Services

4G is a service that must be included in your service plan and also available within your area. 4G coverage is currently available in only certain markets. For more details on 4G availability go to: sprint.com/4G and click the **See the coverage map** link.

Note: If 4G service is not included in your service plan, the 4G icon will not appear in the Notifications area.

4G is up to 10x faster than 3G (based on download speed comparison of 3G's ~600 kbps vs. 4G's ~ 6 Mbps). (Actual speeds may vary.)

Not all services are available on 4G and coverage may default to 3G/separate network where 4G is not available.

Important: 4G service must be added to your account before attempting a connection to the 4G network.

Depending on which icons appear within the Notifications area, your services and features will change. The following table indicates what functions and features are available when combinations of these service icons appear:

Icon	Description
	3G Coverage: The phone is connected to the Sprint 3G network. The arrows are colored when data is being transferred.
	4G Coverage: The phone is connected to the Sprint 4G network. The arrows are colored when data is being transferred.

Virtual Private Networks (VPN)

From your phone, you can add, set up, and manage virtual private networks (VPNs) that allow you to connect and access resources inside a secured local network, such as your corporate network.

Prepare Your Phone for VPN Connection

Depending on the type of VPN, you may be required to enter your login credentials or install security certificates before you can connect to your company's local network. You can get this information from your network administrator.

To connect to a VPN, you must have Mobile data enabled, or your phone must be connected to a Wi-Fi network. For information about setting up and using these connections on your phone, see Data usage and Turn Wi-Fi On and Connect to a Wireless Network.

Set a Screen Lock

Before setting up a VPN, you must set a screen lock to prevent access to your phone by unauthorized users. Pattern, PIN, or password screen locks provide sufficient security to set up trusted credential storage.

1. Press **Home**, and then tap **Apps** > **Settings.**
2. Tap **Lock screen** > **Screen lock**.
3. Choose a screen lock, from **Pattern**, **PIN**, or **Password**.
4. Follow the prompts to configure the screen lock. For more information, see Screen lock.

Add a VPN

Configure a connected to a VPN. You must have a Pattern, PIN, or Password screen lock set before adding a VPN.

1. Press **Home**, and then tap **Apps** > **Settings**.
2. Tap **More networks** > **VPN**.
3. Tap to add a VPN, with these options:
   - **Name**: Enter the name of the VPN.
   - **Type**: Choose the type of VPN, from PPTP, L2TP/IPSec PSK, L2TP/IPSec RSA, IPSec Xauth PSK, IPSec Xauth RSA, or IPSec Hybrid RSA.
   - **Server address**: enter the VPN server address.
   - **PPP Encryption (MPPE)**: Tap to enable, if applicable for the VPN.
   - **Show advanced options**: Tap to set other options, depending on the type of VPN.
3. Tap **Save** to save the VPN.

Connect to a VPN

Connect to a VPN that's already set up on your phone.

1. Press **Home**, and then tap **Apps** > **Settings**.
2. Tap **More networks** > **VPN**.
3. In the VPNs section, tap a VPN.
4. Follow the prompts to enter your login credentials, and connect. When you are connected, the VPN connected icon appears in the notification area of the title bar.

Disconnect from a VPN

The following describes how to disconnect from a VPN connection.

1. Touch and hold the title bar, and then drag down to open the Notification panel.
2. Tap the VPN connection to return to the VPN settings screen, and then tap the VPN connection to disconnect from it.

When your phone has disconnected from the VPN, the VPN disconnected icon displays in the notification area of the title bar.

Chrome

Use Chrome for Mobile to browse fast and sign in to bring your Chrome experience from your computer, anywhere you go.

For more information, visit: google.com/intl/en/chrome/browser/mobile/

- Press **Home**, and then tap **Apps** > **Chrome**.

Internet

Your phone's Internet browser gives you full access to both mobile and traditional websites on the go, using your phone's 3G or 4G Mobile data or Wi-Fi connections.

- Press **Home**, and then tap **Apps** > **Internet**.

Note: The first time you launch Internet, you may be prompted to enter your 10-digit wireless phone number to access the SprintWeb home page.

Pictures and Video

Camera

You can use the camera or camcorder to take and share pictures and videos.

Open the Camera

Follow the below procedure to access your phone's camera.

- Press **Home**, and then tap **Apps** > Camera.

FPO

- **Front/Back Camera**: Switch between the front and back cameras.
- **Dual Camera**: Take a picture with the back camera and front camera at once, or record videos with both cameras. The image from the front camera displays as a inset on the screen, so you can take a picture of yourself along with the scene from the back camera. Tap the inset image to resize it, or drag it to a new position on the screen.
- **Settings**: Access camera settings.
- **Settings Icons**: Displays basic settings, such as Smart stabilization, Flash status, and Voice Control, when they are enabled.
- **Save Location**: The icon displays when the default save location for pictures and videos is an optional memory card (not included).
- **Mode Indicator**: Shows the current Mode, which you can choose with Mode Selector.
- **Record**: Tap to start recording.
- **Capture**: Tap to take a picture.
- **Mode Selector**: Tap to choose a shooting mode. The current mode displays on the camera screen. Shooting modes allow you to choose modes for automatically adjusting settings to suit conditions, or to access special features like panorama or other specialty shots.
- **Effects**: Choose an effect to add to pictures or videos as you take them.
- **Gallery**: View your pictures or videos.

Take a Picture

You can take pictures with your phone's front or back camera, or combine shots with Dual mode.

1. Press **Home**, and then tap **Apps** > **Camera**.
2. Using the phone's screen as a viewfinder, compose your shot by aiming the camera at the subject. While composing your picture, use the onscreen options, or these gestures:
   - Press the Volume Key up or down to zoom in or out, or touch the screen with two fingers and pinch or spread them on the screen to zoom.
   - Tap the screen to focus on the area you tapped.
3. Tap **Capture** to take the picture.

Note: To include your location in photos, turn on GPS tag in Settings.

Record Videos

In addition to taking pictures, you can record, view, and send videos with your phone's built-in video camera.

1. Press **Home**, and then tap **Apps** > **Camera**.
2. Using the phone's screen as a viewfinder, compose your shot by aiming the camera at the subject. While composing your shot, use the onscreen options, or these gestures:
   - Press the Volume Key up or down to zoom in or out, or touch the screen with two fingers and pinch or spread them on the screen to zoom.
   - Tap the screen to focus on the area you tapped.
3. Tap **Record** to begin recording. While recording, you can use these options:
   - Tap the screen to change the focus area to the area you tapped.
   - Tap **Capture** to take a still picture while continuing recording.
   - Tap **Pause** to temporarily stop recording.
   - Tap **Stop** to stop recording.

Camera Options

Camera options are special options that you can choose, right on the camera screen, to make your pictures or videos special.

1. Press **Home**, and then tap **Apps** > **Camera**.
2. Tap an option:
   - **Front/back camera**: Tap to switch between the front and back cameras. With the front camera, you can take self-portraits or record yourself. With the back camera, you can take pictures or record what's in front of you.
   - **Dual mode**: Tap to display the screen for the front camera inset on the screen for the back camera. You can use dual mode to put yourself in a picture or video.
   - **Mode**: Tap to choose a shooting mode. Scroll available modes, and then tap a mode to select it. Modes include:
     - **Auto**: Automatically adjusts the exposure to optimize the color and brightness of pictures. In Auto mode, you can take single or burst shots (take burst shots by holding Capture to take multiple shots until you lift your finger).
     - **Beauty face**: Automatically enhances facial features.
     - **Best photo**: Allows you to select the best shot from multiple shots you take at the same time.
     - **Best face**: Allows you to select the best shot of each subject, to get the best possible group shot.
     - **Sound & shot**: Adds a few seconds of background sound to enhance pictures.
     - **Drama**: Captures multiple shots of a moving subject, to merge them into one dynamic picture.
     - **Animated photo**: Allows you to create a picture containing animated elements.
     - **Rich tone (HDR)**: Allows you to take pictures in various exposures and merge them to create pictures with rich color.
     - **Eraser**: Allows you to take a series of pictures, and then remove objects that are blurred because of movement.
     - **Panorama**: Take multiple pictures to merge into one expansive panoramic picture.
     - **Sports**: Allows you to capture clear shots of a moving subject.
     - **Night**: Allows you to take clearer, brighter pictures in low light.

Quick Camera Settings

Use Quick settings to quickly configure settings while you take pictures and record videos.

1. Press **Home**, and then tap **Apps** > **Camera**.
2. From the Camera screen, tap to access settings:
   - **Advanced settings**: Tap to access advanced camera settings.
   - **Flash**: Tap to choose a flash setting.
   - **Auto night detection**: Tap to enable or disable automatic night detection, to help you take clearer, brighter pictures in low light. Auto night detection does not apply when recording videos.
   - **Voice control**: Tap to access voice control settings, for using voice commands to take pictures and record video. For more information, see Voice Control.
   - **Recording mode**: Tap to choose a mode for recording. Choose Limit for MMS to restrict recordings to a size that can be attached to a multimedia message. Choose Normal, Slow motion, or Fast motion to control the speed of recording.
   - **Share**: Tap to choose a method for sharing pictures and videos. You can choose Share shot, Buddy photo share, or Remote viewfinder.

Advanced Camera Settings

Use Advanced settings to configure default options for pictures and videos.

1. Press **Home**, and then tap **Apps** > **Camera**.
2. From the Camera screen, tap and then tap for these settings:
   - **Photos**:
     - **Photo size**: Choose the default size for pictures.
     - **Burst shot**: When on, you can take multiple pictures when you touch and hold the Capture button.
     - **Face detection**: When on, the Camera will automatically adjust settings for taking pictures of faces.
     - **Metering**: Set how the Camera measures the light source.
     - **ISO**: Set the sensitivity of the camera's light meter.
     - **Anti-Shake**: When turned on, the camera compensates for movement of the phone when taking pictures.

- **Auto night detection**: Enable or disable automatic night detection, to help you take clearer, brighter pictures in low light. Auto night detection does not apply when recording videos.
- **Save as**: Choose whether pictures are saved with Rich Tone, to create rich, soft color.

- **Videos**:
  - **Video size**: Choose the default size for videos.
  - **Video stabilization**: When on, the Camera adjusts settings to improve image stability in videos.
- **General**:
  - **Location tag**: When on, GPS location information is stored in picture files.
  - **Review**: When on, pictures display briefly after you take them so you can review them.
  - **Volume key**: Choose a function for the Volume Key while using the Camera.
  - **Timer**: Choose a timer setting to delay the taking of pictures or recording.
  - **White balance**: Choose a setting for current light conditions.
  - **Exposure value**: Adjust the brightness of pictures.
  - **Guidelines**: When on, guidelines display on the screen to aid in composition.
  - **Flash**: Choose a flash setting.
  - **Voice control**: When on, you can take pictures or record videos by speaking commands. For more information, see Voice Control.
  - **Contextual filename**: When on, filenames include GPS information. GPS tag must be enabled to use contextual filenames.
  - **Save as flipped**: When on, pictures or recordings you make using the front camera are saved as a mirror-image.
  - **Storage**: If you have an optional memory card installed (not included), you can choose whether to save files to device memory or to the memory card.
  - **Reset**: Return settings to the factory defaults.

Gallery

Using the Gallery application, you can view pictures and watch videos that you've taken with your phone's camera, downloaded, or copied to an optional memory card (not included).

For pictures stored on an optional memory card, you can do basic editing such as rotating and cropping. You can also set a picture as your contact picture or wallpaper and share pictures with your friends.

While viewing pictures in the Gallery, scroll up the screen to view more albums. Simply tap an album to view the photos or videos in that album.

If you have pictures or videos stored on an optional memory card (not included), they will be display folders they are stored in, and folders are treated as albums. The actual folder names will be used as the album names. If you have downloaded any photos and videos, these will be placed in the **All downloads** album.

Note: Tap > **Help** to learn about Gallery.

1. Press **Home**, and then tap **Apps** > **Gallery**.
2. Select a folder location (such as Camera) and tap an image to view your picture.
3. From the Gallery screen, you can use these options:
   - Tap a picture or video to display it in full screen view.
   - Touch and hold thumbnails to select them (indicated by a check mark).
   - Tap **Create album** to create an album. Give the album a name, and then select and drag thumbnails to the album to move or copy files to the new album.
   - Tap **Camera** to launch the Camera to take pictures or record video.
   - Tap for options, including:
     - **Select album/Select item**: Depending on the view, tap albums or items to select them. After selection, you can tap again for options you can use with the selected item.
     - **Slideshow**: Choose options to create a slideshow for viewing your pictures and videos.
     - **Create collage**: Choose photos to create a composite image.
     - **Create a story album**: Choose photos to create an album for Story album.
     - **Hide items/Show hidden items**: Use Hide items to choose items to hide from display. The items are not deleted, and can be displayed with the Show hidden items option.
     - **Settings**: Configure Gallery settings.

Note: Available options depend on which gallery screen you are viewing. Additional options may include Content to display, Scan for nearby devices, Show nearby devices, and Help.

View Photos and Videos

After selecting an album from the Albums tab, you can browse the photos and videos of that album in either photo pile or grid view. Tap a photo or video to view it in full screen.

View Photos

1. Press **Home**, and then tap **Apps** > **Gallery**.
2. Tap a thumbnail to view the picture. While viewing a picture full-screen you can use these options:
   - **Screen mirroring**: Choose a device to share the picture via AllShare or Group Play.
   - **Share**: Choose an option for sharing the picture. Options may include Group Play, Dropbox, Bluetooth, Email, Flipboard, Gmail, Google+, Hangouts, Messages, Picasa, S Memo, or Wi-Fi Direct.
   - **Delete**: Erase the current picture.
   - **Camera**: Launch the Camera, to take pictures or record video.

View Videos

Note: If no icons are displayed on the screen in addition to the picture, tap anywhere on the screen to display them.

- Tap a video to select it. When the video is displayed full-screen, you can use these options:
  - **Share**: Choose an option for sharing the video. Options may include Bluetooth, Dropbox, Email, Gmail, Google+, Messages, Picasa, Wi-Fi Direct, or YouTube.
  - **Trim**: Edit the length of the video.
  - **Delete**: Erase the current video.
  - Tap to play the video.

Zoom In or Out on a Photo

There are two ways you can zoom in or out of a photo.

- Tap the screen twice quickly to zoom in and then tap the screen twice quickly again to zoom out.

  - or -

  You can also use pinch and spread to zoom in or out. See Pinch and spread.

Working with Photos

You can touch and hold on a photo to open a selection menu and choose what to do with it. You can choose to delete the photo, rotate or crop it, and more.

Rotate and Save a Photo

To rotate or save your photo, follow the below procedures.

1. Press **Home**, and then tap **Apps** > **Gallery**.
2. Select a folder location (such as Camera) and tap an image to view your picture.
3. Tap > **Rotate left** or **Rotate right.**

The rotated picture is saved in your default storage location as a copy.

Crop a Photo

The crop your photos, follow the below procedures.

1. Press **Home**, and then tap **Apps** > **Gallery**.
2. Select a folder location (such as Camera) and tap an image to view your picture.
3. Tap > **Crop.**
4. To adjust the crop box size, touch and hold the edge of the box. When directional arrows appear, drag your finger inward to or outward to resize the crop box.
5. To move the crop box to the part of the photo that you want to crop, drag the crop box to the desired position.
6. Tap **Done** to apply the changes to the picture.

The cropped picture is saved along with the original copy in your default storage location.

Share Photos and Videos

The Gallery application lets you send photos and videos using email or multimedia messages. You can share photos on your social networks (such as Facebook, Picasa, and Twitter) and share videos on YouTube. You can also send them to another phone or your computer using Bluetooth.

Video

Play videos stored on your phone, and share them via Bluetooth, Dropbox, Email, Gmail, Google+, Messages, Picasa, Wi-Fi Direct, or YouTube.

1. Press **Home**, and then tap **Apps** > **Video**.

2. Scroll through the videos stored on your device. After a few seconds, each video thumbnail begins playing a preview of the clip.
3. Tap a video to view it.

Share videos

1. Press **Home**, and then tap **Apps** > **Video**.
2. Tap > **Share via**.
3. Tap video(s) to select them for sharing, and then tap **Done**.
4. Choose a sharing option, and then follow the prompts to share the video.

Use Pop-up Play

Multitask with Pop-up Play - transform your video player into a pop-up window floating on the screen. The video will continue to play, and the pop-up window can be resized or moved anywhere on the screen.

1. Press **Home**, and then tap **Apps** > **Video**.
2. Tap a video to view it.
3. Tap to continue playing the video in a floating window. Drag the window to any location on the screen, and use two fingers to pinch or spread to resize the floating window.

Tools and Calendar

Learn how to use many of your phone's productivity-enhancing apps and features.

Bluetooth

Bluetooth is a short-range communications technology that allows you to connect wirelessly to a number of Bluetooth phones, such as headsets and hands-free car kits, and Bluetooth-enabled handhelds, computers, printers, and wireless phones. The Bluetooth communication range is usually approximately 30 feet.

Turn Bluetooth on or off

When Bluetooth is on, you can scan and find other Bluetooth devices, to share information between the devices. Turn Bluetooth off when not in use to conserve battery power.

1. Press **Home**, and then tap **Apps** > **Settings**.
2. Tap the **ON/OFF** switch beside **Bluetooth** to turn Bluetooth on or off.

Note: You can also turn Bluetooth on or off from the Notification panel. Drag down from the top of the screen, and then tap **Bluetooth**.

The Bluetooth Settings Menu

The following procedure provides you with a path to the Bluetooth settings menu.

- Press **Home**, and then tap **Apps** > **Settings** > **Bluetooth**.

Connect a Bluetooth Headset or Car Kit

You can listen to music over a Bluetooth stereo headset, or have hands-free conversations using a compatible Bluetooth headset or car kit. It's the same procedure to set up stereo audio and hands-free devices.

To listen to music with your headset or car kit, the headset or car kit must support the A2DP Bluetooth profile.

1. Press **Home**, and then tap **Apps** > **Settings** > **Bluetooth**.
2. If Bluetooth is not on, tap the **ON/OFF** switch to turn it on.
3. Make sure that the headset is discoverable, so that your phone can find the headset. Refer to the instructions that came with the headset to find out how to set it to discoverable mode.
4. Tap **Scan**. Your phone will start to scan for Bluetooth devices within range.

5. When you see the name of your headset displayed in the Bluetooth devices section, tap the name. Your phone then automatically tries to pair with the headset.

6. If automatic pairing fails, enter the passcode supplied with your headset.

The pairing and connection status is displayed below the hands-free headset or car kit name in the Bluetooth devices section. When the Bluetooth headset or car kit is connected to your phone, (Bluetooth connected) displays in the status bar. Depending on the type of headset or car kit you have connected, you can then start using the headset or car kit to listen to music or make and receive phone calls.

Note: Due to different specifications and features of other Bluetooth-compatible devices, display and operations may be different, and functions such as transfer or exchange may not be possible with all Bluetooth-compatible devices.

Reconnect a Headset or Car Kit

When you have paired a headset with your phone, you should be able to reconnect it automatically by turning on Bluetooth on your phone and then turning on the headset. However, sometimes you will need to reconnect manually, for example if you have been using your headset with another Bluetooth device.

1. Press **Home**, and then tap **Apps** > **Settings** > **Bluetooth**.
2. If Bluetooth is not on, tap the **ON/OFF** switch to turn it on.
3. Make sure that the headset is discoverable.
4. Tap the headset's name in the Bluetooth devices section.
5. If prompted to enter a passcode, try 0000 or 1234, or consult the headset or car kit documentation to find the passcode.
6. If you still cannot reconnect to the headset or car kit, follow the instructions in Disconnect or Unpair From a Bluetooth Device, and then follow the instructions in Connect a Bluetooth Headset or Car Kit.

Disconnect or Unpair from a Bluetooth Device

Follow these instructions to disconnect or unpair your phone from a Bluetooth device.

Disconnect from a Bluetooth Device

You can disconnect from a Bluetooth device, without removing the pairing relationship between the devices.

1. Press **Home**, and then tap **Apps** > **Settings** > **Bluetooth**.
2. In the Bluetooth devices section, tap the device name, and then tap **OK**.

Unpair from a Bluetooth Device

You can make your phone forget its pairing connection with another Bluetooth device. To connect to the device again, you will need to pair with it again.

1. Press **Home**, and then tap **Apps** > **Settings** > **Bluetooth**.
2. In the Bluetooth devices section, tap beside the device name, and then tap **Unpair**.

Send Information Using Bluetooth

You can use Bluetooth to transfer information between your phone and another Bluetooth-enabled device such as a phone or notebook computer. The first time you transfer information between your phone and another device, you need to enter or confirm a security passcode. After that, your phone and the other device are paired, and you will not need to exchange passcodes to transfer information in the future.

Send Information From Your Phone to Another Device

You can send the following types of information, depending on the device you are sending to:

- Images and videos
- Calendar events
- Contacts
- Audio files

1. Set the receiving device to discoverable mode. You may also need to set it to “Receive Beams” or “Receive Files”. Refer to the device’s documentation for instructions on receiving information over Bluetooth.
2. On the phone, open the application that contains the information or file you want to send. Follow the steps for the type of item you want to send:
   - **Photo or video** (in Camera). After capturing a photo, on the preview screen, tap > **Bluetooth**.
   - **Photos and videos** (in Gallery). On the **Albums** tab, tap an album, and then tap > **Bluetooth**.

Tip: If your phone remembers Bluetooth as a previous selection within the Camera or Gallery, you can tap (to the right of the icon).

   - **Calendar event**: In the Calendar’s Day view, Agenda view, or Week view, tap the event and then tap > **Send via** > **Bluetooth**.
   - **Music**. While playing a song in the **Music** app, tap > **via Bluetooth**.

- **Voice recording**. On the main Voice Recorder screen, touch and hold a recording and then tap **Share via** > **Bluetooth**.

3. If you are prompted to turn on Bluetooth, tap **Yes**.
4. Tap the name of the receiving device.
5. If prompted, accept the connection on the receiving phone, and enter the same passcode on both your phone and the other device, or confirm the auto-generated passcode.
6. On the receiving device, accept the file.

Receive Information Using Bluetooth

Your phone is capable of receiving a wide variety of file types with Bluetooth, including photos, music tracks, and documents such as PDFs.

1. Press **Home**, and then tap **Apps** > **Settings** > **Bluetooth**.
2. If Bluetooth is not on, tap the **ON/OFF** switch to turn it on.
3. Tap the check box beside your phone's Bluetooth name to make it discoverable.
4. On the sending device, send one or more files to your phone. Refer to the device's documentation for instructions on sending information over Bluetooth.
5. If prompted, enter the same passcode on both your phone and the other device, or confirm the auto-generated passcode. A Bluetooth authorization request is displayed on your phone.
6. When your phone receives a file transfer request notification, tap **Accept**.
7. When the file is transferred, a notification displays. To open the file immediately, slide down the Notification panel, and then tap the relevant notification.

When you open a received file, what happens next depends on the file type:

- Media files and documents are usually opened directly in a compatible application. For example, if you open a music track, it starts playing in the Music application.
- For a vCalendar file, select the calendar where you want to save the event, and then tap **Import**.
- The vCalendar is added to your Calendar events. (For more information on using the Calendar, see Calendar.)
- For a vCard contact file, if there are multiple vCard files on your storage card, you can choose to import one, several, or all of those contacts to your contacts list.

Calendar

Use Calendar to create and manage events, meetings, and appointments. Your Calendar helps organize your time and reminds you of important events. Depending on your synchronization settings, your

phone's Calendar stays in sync with your Calendar on the Web, Exchange ActiveSync calendar, and Outlook calendar.

Add an Event to the Calendar

Add events to your Calendar to help you organize your time and remind you of important events.

Note: To synchronize calendar events among your Google and Corporate accounts, make sure they are being managed by your phone. See Accounts and Messaging for more information.

1. Press **Home**, and then tap **Apps** > **Calendar**.
2. Double-tap a day to which you would like to add an event to reveal the **Add event/Add task** screen.
3. If you have accounts set up on your phone, you can assign the new event to an account by tapping the Calendar field and then selecting an account.
   - **My calendars**: Calendar entries that are stored locally on the phone and not part of an account.
   - **Samsung Calendar**: Calendar entries that are synchronized between your phone and your Samsung account.
   - **Google/Gmail**: Calendar entries that are synchronized between your phone and your Google account.
   - **Microsoft Exchange ActiveSync**: Calendar entries that are synchronized between your phone and a Microsoft Exchange ActiveSync account.
4. Tap the **Tap to enter title** field and enter a title for the event.
5. Tap **OK**, or tap **Edit event details** to enter more information about the event. Available options depend on the type of event, and the account it's assigned to:
   - Select a **From/To** time for the event by tapping the corresponding fields, and adjusting the month, day, and year.
   - Select a time for the event by tapping the time field and then adjusting the hour and minute. Tap the **All day** field to assign this as an all-day event. If assigned as an all-day event, the time fields are removed.
   - Tap **View in calendar** to check the new event with existing events on your calendar.
   - Select a recurrence cycle for the event by tapping the **Repeat** field.
   - Select an alarm time by tapping the **Reminder** field.
   - Enter a location for the event in the **Location** field or tap to select the location on the a map.

- Enter a description for the event in the **Description** field.
- Enter participants in the **Participants** field.
- Tap **Show me as** to choose how the event shows on your calendar to other event organizers.
- Tap **Privacy** to select who is allowed to see this event. **Private** allows only the participants to see the event. **Public** allows anyone with access to your calendar to see the event.
- Tap **Memos** to add an **S Memo** file as an attachment. For more information, see S Memo.
- Tap **Images** to add an image from the Gallery or take a new picture using the camera.

6. Tap **Save** to store the new event and synchronize it with your selected account.

Event Alerts

When your phone is turned on and you have an event alarm scheduled, your phone alerts you and displays the event summary. There are several ways your phone alerts you to scheduled events:

- By playing the assigned ringtone.
- By showing the **Alert** screen.

Event Reminders

When your phone is turned on and you have an event alarm scheduled, there are several ways your phone alerts you to scheduled events:

- By playing a short beep.
- By indicating an icon within the Status bar.

To view additional options:

1. Tap the **Status** bar, and then slide your finger down the screen to open the Notification panel.
2. Tap the upcoming event name from the onscreen list to display the event within the **Calendar** notifications screen.
3. Tap an option.
   - **Set snooze duration** to set the length of time to allow before you are reminded of the event. Choose from: **3 minutes**, **5 minutes**, **10 minutes**,**15 minutes**, or **30 minutes**.
   - **Snooze** to be reminded of the event at a future time.
   - **Dismiss** to dismiss the reminder.

View Events

The following procedure helps you view your calendar events.

1. Press **Home**, and then tap **Apps** > **Calendar**.
2. To view a Calendar event farther out, tap either **Week** or **Month**.
3. Tap the day for which you would like to view events. (Your phone lists events in chronological order.)
4. To display an event's details, tap it from the current screen.

Day and List Views

Day view displays a list of the events of one day.

List view shows a list of events in chronological order.

The color bars on the left side of the events indicate the type of calendar that includes the event.

When in Day view, slide left or right across the screen to view earlier or later days.

Week View

Week view displays a chart of the events of one week.

When in Week view:

- You can touch and hold on a time slot to create a new event at that time.
- Tap an event to view its details.
- Slide left or right across the screen to view earlier or later weeks.

Month View

In Month view, you'll see markers on days that have events.

When in Month view:

- Tap a day to view the events of that day.
- Touch and hold a day to create a new event.
- Slide up or down to view earlier or later months.

Erase Events

The following procedures show you how to erase your calendar events.

1. Press **Home**, and then tap **Apps** > **Calendar**.
2. Open the calendar event details:
   - In **List, Day**, and **Week** views, tap the calendar event you want to delete.

- In **Month** view, tap the date where the calendar event occurs, and then tap the calendar event.
- In **Year** view, tap the month in which the event is located.

3. Tap > **Delete**.
4. In the Delete confirmation box, tap **OK**.

   - or -

   If the calendar event is recurring, select **Only this event**, **This & future events**, or **All events**, and tap **OK**.

Calculator

Use the Calculator app to perform mathematical calculations.

Note: Rotate the phone to switch to a scientific calculator.

1. Press **Home**, and then tap **Apps** > **Calculator**.
2. Tap the keypad to enter your equation. You can touch and hold **C** to clear all numbers.

Clock

The Clock app offers features for keeping track of time and setting alarms.

1. Press **Home**, and then tap **Apps** > **Clock**.
2. Swipe your finger along the taps at the top of the screen to view features. Tap a tab to use a feature:
   - **Alarm**: This feature allows you to set an alarm to ring at a specific time.
   - **World clock**: allows you to view the time of day or night in other parts of the world. World Clock displays time in hundreds of different cities, within all 24 time zones around the world.
   - **Stopwatch**: You can use this option to measure intervals of time.
   - **Timer**: You can use this option to set a countdown timer. Use a timer to count down to an event based on a preset time length (hours, minutes, and seconds).
   - **Desk clock**: Display a clock and calendar on the screen, with shortcuts to your favorite apps.

Create an Alarm

Create an alarm event. You can set one-time or recurring alarms, and choose options for how to be notified for the alarm.

1. Press **Home**, and then tap **Apps** > **Clock**.
2. Tap **Create alarm**, and then enter information for the alarm.

Delete an Alarm

1. Press **Home**, and then tap **Apps** > **Clock**.
2. Touch and hold an alarm, and then tap **Delete** from the pop-up menu.

Dropbox

Dropbox works to provide access to your desktop files directly from your phone. This applications allows you to bring your files with you when you're on the go, edit files in your Dropbox from your phone, upload photos and videos to Dropbox, and share your selected files freely with family and friends.

The in-phone application works in conjunction with a partner program placed on a target computer using an active Internet connection.

Dropbox creates a folder that automatically synchronizes its contents across all of your connected devices on your account. Update a file to your Dropbox on your computer, and it's automatically updated to the same folder on your other devices.

Download the Desktop Application

Follow the procedures below to download the desktop application.

1. Use your computer's browser to navigate to: dropbox.com/.
2. Follow the onscreen setup and installation instructions on your target computer containing the desired files.

Important: The computer application must be installed on the computer containing the desired files. This computer must have an active Internet connection.

Note: The Dropbox service offers 2GB of free "Cloud" storage.

Accessing Dropbox on Your Device

Follow the procedures below to access the Dropbox app.

1. Press **Home**, and then tap **Apps** > **Dropbox**.
2. Tap **Sign in**, and then enter your current account credentials, to sign in to your Dropbox account.

   - or -

Tap **Sign up for Dropbox** and follow the onscreen instructions to register for a new account.

Manually Uploading a Picture to Dropbox

Follow the below procedures to manually upload pictures to the Dropbox app.

1. Press **Home**, and then tap **Apps** > **Camera**.
2. After you take a picture, tap Gallery to preview the current image.
3. Tap the image to reveal the image options at the top of the screen.
4. Tap > **Add to Dropbox**, select a folder location, and tap **Upload**.

Note: If your share folder is located on your computer, you will momentarily receive an onscreen popup notifying you that a new image was uploaded to your shared Dropbox folder.

Flipboard

Use Flipboard to create a personalized digital “magazine” out of everything being shared with you. Access news stories, personal feeds and other related material. Flip through your Facebook newsfeed, tweets from your Twitter account, photos from friends and much more.

Note: Flipboard is found in the Galaxy Plus group of apps.

- Press **Home**, and then tap **Apps** > **Flipboard**.

Google Now

Google Now gets you just the right information at just the right time.

It tells you today’s weather before you start your day, how much traffic to expect before you leave for work, when the next train will arrive as you’re standing on the platform, or your favorite team's score while they’re playing. And the best part? All of this happens automatically. Cards appear throughout the day at the moment you need them.

For more information, visit http://www.google.com/landing/now/.

1. Press and hold **Home**..
2. Follow the prompts to learn about Google Now, and set up your preferences.

Google Search

Use Google Search to search the Internet.

- Press **Home**, and then tap **Apps** > **Google**.

Help

Help provides online information to help with your phone questions.

- Press **Home**, and then tap **Apps** > **Help**.

Lumen Toolbar

The Lumen Toolbar, available to Sprint Customers, enables an extensive array of new browser extensions that enhance user experience – from contextual recommendations to App discovery to social applications and browser utilities. With one-click access to News Feeds and one-click sharing of content via Facebook™, Twitter™ and other networks, along with community- and friend-based recommendations.

- Press **Home**, and then tap **Apps** > **Lumen toolbar**.

My Files

My files allows you to manage your manage your sounds, images, videos, Bluetooth files, Android files, and other memory card data in one convenient location. This application allows you to launch a file if the associated application is already on your phone.

1. Press **Home**, and then tap **Apps** > **My files**.
2. Folders display, including:
   - **All files**: Tap to choose Device storage, or SD memory card, to show files stored in the phone's internal memory, or on an optional installed memory card (not included).
   - **Images**: Pictures stored on your phone.
   - **Videos**: Videos stored on your phone.
   - **Music**: Songs stored on your phone.
   - **Documents**: Other files stored on your phone.

Note: Different folders may appear depending on how your phone is configured.

Polaris Office 5

Polaris Office Mobile for Android is a Microsoft Office compatible office suite. This application provides a central place for managing your documents online or offline.

Polaris Office can also open Adobe PDF (Portable Document Format) files.

- Press **Home**, and then tap **Apps** > **POLARIS Office 5**.

S Health

S Health is a wellness application that can help you manage your health. Set fitness goal, check your progress, and keep track of your overall health.

- Press **Home**, and then tap **Apps** > **S Health**.

S Voice

Your phone's S Voice is a voice recognition application used to activate a wide variety of functions on your phone. This is a natural language recognition application.

This goes beyond the Google Search Voice Actions feature that simply recognizes Google commands and search terms. You can ask it questions (Is it raining in Dallas?) or give it commands (Show me where to find cheap gas).

1. Press and tap **Apps** > **S Voice**.
2. Navigate through the following onscreen tutorial screens by reading the information and tapping **Next**, or tap **Skip** to continue without reading the information.
3. Wake up the application by speaking the phrase **Hi Galaxy**.

Note: The wake-up command/phrase can be changed from "Hi Galaxy" to anything else.

3. Tap **Speak** if the phone does not hear you, or to give it a command.

Voice Recorder

The Voice recorder allows you to record an audio file up to one minute long and then immediately share it. Recording time will vary based on the available memory within the phone.

1. Press **Home**, and then tap **Apps** > **Voice Recorder**.
2. To start recording, tap and speak into the microphone.
3. To pause recording, tap . To end the recording, tap .
4. Tap for options:
   - **Share via**: Share your recording using Dropbox, Bluetooth, Email, Gmail, Messages, or Wi-Fi Direct.
   - **Delete**: Erase voice recording(s). Tap the recordings to mark them for deletion, and then tap **Delete**. Tap **OK** to confirm the deletion.
   - **Settings**: the following settings are available:
     - **Storage**: Choose where your recordings will be saved. Select between Phone or memory card.
     - **Recording quality**: Set the recording quality to High or Normal.
     - **Limit for multimedia messaging**: Choose whether voice recordings you make are limited to a size that can be attached to a multimedia message.
     - **Contextual filename**: Choose whether the phone automatically creates a filename that includes GPS location information. When turned on, contextual filenames are assigned when the Location tag option is turned on in the Camera, and the phone is connected with a network.
     - **Default name**: Choose the name prefix for your recordings. For example, if your Default name is Voice, your recordings would be named Voice 001, Voice 002, Voice 003, etc.
     - **Noise reduction**: Choose whether the phone uses noise reduction during recording, to improve recording quality.
     - **Recording volume**: Choose the default volume for recordings.
     - **Channel**: Choose whether recordings are made in Stereo or Mono.
     - **Skip interval**: Choose the number of seconds to skip when you press the Forward and Back buttons during playback.
   - **End**: Close Voice recorder.

microSD Card

A microSD™ memory card is an optional accessory (not included) that allows you to store images, videos, music, documents, and other data on your phone.

Remove a microSD Card

Use the following procedures to remove an optional microSD card from your phone.

1. Remove the battery cover.
   - Grasp the phone firmly and locate the slot at the top of the phone.
   - Place your fingernail in the opening and firmly “pop” the cover off the phone (similar to a soda can).
2. Firmly press the card into the slot and release it. The card should pop partially out of the slot.
3. Remove the card from the slot.
4. Replace the battery cover.

Important: You can damage a microSD card by improper installation. Please be careful when inserting, removing, or handling it.

View microSD Card Memory

Use the following procedure to view memory usage information for an optional installed microSD card (not included).

- Press **Home**, and then tap **Apps** > **Settings** > **Storage**. (The total and available memory space will be displayed.) See Device Memory for more information.

Format a microSD Card

Formatting a microSD card permanently removes all files stored on the card. See SD Card for more information.

1. Press **Home**, and then tap **Apps** > **Settings** > **Storage**.
2. Scroll down the screen, tap **Format SD card** > **Format SD card** > **Delete all**.

Note: Formatting erases all the data on an installed microSD card, after which the files CANNOT be retrieved. To prevent the loss of important data, please check the contents before you format the card.

Unmount a microSD Card

When you need to remove an optional installed microSD card, you must unmount the card first to prevent corrupting the data stored on it or damaging the card.

1. Press **Home**, and then tap **Apps** > **Settings** > **Storage**.

2. Tap **Unmount SD card**.
3. Remove the microSD card. See Remove a microSD Card.

Transfer Files Between Your Phone and a Computer

You can use the supplied USB cable to connect your phone directly to your computer and transfer music, pictures, and other content files. For example, if you have a music album stored on your computer that you want to listen to on your phone with the music player, Google Play Music, or Sprint Music Plus, just attach your phone to the computer and copy the files to the Music folder.

1. Connect your phone to your computer using the supplied USB/charging cable. You may need to remove the USB cable from the Charging Head.
   - Insert the smaller end of the cable to the USB Charger/Accessory port at the bottom of the phone.
   - Insert the larger end of the cable into an available USB port on your computer.
2. Your phone will automatically detect the connection. Continue to set up the connection:
   - When appears in the Status bar, swipe your finger down from the Status bar to open the Notification panel. The Notification panel shows the type of connection.
   - To change the connection type, tap it in the Notification panel, and then choose an option:
     - **Connected as a media device**: Used for most transfers. You can transfer files in Windows or from a Mac.
     - **Connected as a camera**: Used for transfers of photos using camera software on your computer.
3. On your computer, navigate to view the contents of your phone (for example, using My computer).
4. Select a folder (for example, **Music** for songs and albums) and copy files to it from your computer.
5. When you are done, disconnect your phone from the computer.

Update Your Phone

From time to time, updates may become available for your phone. Use System update options to update your phone's internal software.

Before Updating Your Firmware

Updating your phone firmware will erase all user data from your phone. You must back up all critical information before updating your phone firmware.

Back Up Information to Your Google Account

1. Press **Home**, and then tap **Apps** > **Settings** > **Backup and reset**.
2. Tap **Back up my data** to turn on the feature (checkmark).
   - Tap **Backup account** to choose or sign in to a Google account to use for backups.
   - Tap **Automatic restore** if you want information saved to the Google account above to be restored when you reinstall apps, such as after a firmware update, or when setting up a new device.

Back Up Account Information

1. Press **Home**, and then tap **Apps** > **Settings**.
2. Tap **Accounts**, and then tap an account.
3. Tap **Sync all**.

Preserve Information on an Optional Installed Memory Card

As an added precaution, to preserve any data on an optional installed microSD card, please remove it from your phone prior to starting the update process.

Update your Phone

1. Press **Home**, and then tap **Apps** > **Settings** > **More**.
2. Tap **System Update** to use these options:
   - **Update PRL**: Download and the latest Preferred Roaming List (PRL), used by your phone to access the network.
   - **Update Profile**: Update the user profile related to your wireless service account. If you choose to change your user name online, use this option to update the user name on your phone.
   - **Update Samsung Software**: Upgrade to the latest software available for your device.
   - **Update Firmware**: Update your phone's firmware. Follow the prompts to download and install the update.
   - **UICC Unlock**: Unlock your device's Universal Integrated Circuit Card.

Sprint Worldwide Wireless Service

With your phone and global roaming service from Sprint Worldwide℠ Wireless Service, you can make phone calls and use wireless data services around the globe on compatible CDMA and GSM/UMTS networks. For a country-specific travel guide, select your device and destination from sprint.com/traveltips.

Activate Sprint Worldwide Service on Your Account

Before using your phone in global roaming mode, you must activate Sprint Worldwide service.

To activate Sprint Worldwide service:

- Chat with or email an international support rep by visiting sprint.com/swwsupport.

  – or –

  Call Sprint Worldwide Customer support at **1-888-226-7212**.

Your SIM Card

Your phone comes with a preinstalled SIM (Subscriber Identity Module) card to support roaming on compatible GSM networks.

Note: Your SIM card should be preinstalled. If you need to reinstall your SIM card, follow the instructions below.

Note: The SIM included contains information specific to your phone and should be retained with the phone for use on GSM networks.

1. Using the slot provided, gently lift the cover off the phone. Remove the battery.
2. Hold the SIM card so that the metal contacts on the SIM card face down and the cut off corner points to the bottom-right corner of your phone.
3. Slide the SIM card into the SIM card slot until it stops.
4. Replace the battery and battery cover.

Enable Global Roaming Mode

Your phone is designed to enter global roaming mode automatically when you activate your Sprint Worldwide service, meaning that it should automatically connect to an appropriate CDMA/LTE network or GSM/UMTS network when you travel. You may set global roaming options through the settings menu. You may also need to set your network mode options through the settings menu.

To set your roaming options manually:

1. Press **Menu**, and then tap **Apps** > **Settings** > **More networks** > **Mobile networks** > **Network mode**.
2. Select a category and settings for each category.
   - **Roaming network:** Select **Automatic** for international use. **Home only** restricts use to the Nationwide Sprint Network only.
   - **Roaming settings:** Under **Domestic CDMA** and **International CDMA**, select the **Voice** and **Data** check marks. Under **GSM**, select the **Data** check mark.
   - **Roaming guard:** Select your roaming guard preferences for Domestic CDMA, International CDMA, and GSM.

To set your network mode options manually:

- Press **Menu**, and then tap **Apps** > **Settings** > **More networks** > **Network mode**.
  - To allow connections to CDMA or LTE networks only, touch **CDMA** or **LTE/CDMA**.
  - To allow connections to GSM or UMTS networks only, touch **GSM/UMTS**.
  - To allow connections to available CDMA/LTE or GSM/UMTS networks, touch **Automatic**. This is the recommended setting for international use.

Make and Receive Worldwide Calls

When travelling on international networks, you can place and answer calls as you would on the Sprint network (see Make Phone Calls and Receive Phone Calls), although some additional instructions may be required to place a call. Some features and services are not available in all countries. For more information on services that are available while roaming, visit sprint.com/sww.

Make Calls Using Plus (+) Code Dialing

Placing calls from one country to another country is simple with the Plus (+) Code Dialing feature. When placing international calls, you can use Plus Code Dialing to enter the appropriate international access code for your location (for example, 011 for international calls placed from the United States).

Note: Plus Code Dialing is only available when roaming internationally on GSM networks and on certain CDMA networks in the United States, Canada, and the Caribbean.

Note: International access codes and dialing information are available online at sprint.com/sww.

To use Plus Code Dialing to place an international call:

1. Press **Menu**, and then tap **Phone** > **Keypad** to display the phone screen.
2. Dial the appropriate sequence for your location:

- If you are on the GSM network, touch 0 + to insert a “+” on the dialer screen. (The “+” symbol automatically inserts the international access code for the country from which you are calling.)
- If you are on the CDMA network outside Canada or the Caribbean, enter the international access code for the country from which you are calling.

3. Touch 1 to insert the US country code, and then enter the area code and number.
3. Touch to place the call.

Sprint International Voicemail Service

Your Sprint voicemail will follow you as you travel. All of your unanswered calls will be forwarded to your Sprint voicemail. You will need to be sure your voicemail box is already set up and that you know your voicemail password.

Note: Sprint voicemail may not be available on all networks; check sprint.com/sww for service information.

Set Up Your Voicemail Access Number for International Use

To simplify accessing your Sprint Voicemail while travelling, you can set up your voicemail access number as a Contacts entry. Save the voicemail access number with the international dialing code, to make it faster and easier to access your messages while roaming internationally.

1. Press **Menu**, and then tap **Apps** > **Contact**.
2. Touch to add a contact.
3. If you have accounts set up on your phone, tap a storage account.
4. Enter a name for the new contact, for example, “Voicemail”.
5. Touch 0 + 1 (+1), your area code, and your wireless phone number.
6. Touch **Save**.

Access Your Voicemail Internationally

You will need to call your voicemail number to access your voicemail while roaming internationally.

New Message Indicators

Your voicemail message indicators may be displayed differently when roaming internationally.

- A “Message Waiting” indicator icon or a text message is displayed when a voicemail message is received.

- You may see “Missed Call” on your screen prior to receiving a message notification.
- You must call voicemail in order to retrieve messages. Follow the instructions on the previous page to store your voicemail number for easy access.

Retrieve Voicemail Messages

The voicemail retrieval process while travelling is the same as on the Sprint Network; however, you will be required to enter your voicemail password.

To retrieve your voicemail messages:

1. Press **Menu**, and then tap **Phone** > **Contacts** tab, touch the voicemail entry and then touch the number to call it.
2. When your voicemail answers, touch * P, enter the password, and touch # ⏭ to access your voicemail.

International Voicemail Troubleshooting

There are a few tips to keep in mind when using Sprint voicemail while traveling.

- Some carriers may not support voicemail indicators. It may be necessary to call your voicemail to see if you have any new messages.
- If you hear the message “Please enter the number of the subscriber you wish to call,” enter your 10-digit wireless phone number.

International Data Roaming

Sprint Worldwide Wireless Service can also keep you connected via email and Web browsing when travelling in countries in which Sprint offers data service. Data services are available on both CDMA and GSM/UMTS networks. Check sprint.com/sww to determine the services available where you are travelling.

Note: Prior to using your Sprint Worldwide GSM/UMTS Data Services, you must establish and utilize your CDMA data services domestically on the Sprint Network.

Get Started With Sprint Worldwide Data Services

To use Sprint Worldwide Data Services, you will need to have these services activated on your account.

- To activate, call Sprint Worldwide Customer Support at **1-888-226-7212**. Representatives are available 24 hours a day, 7 days a week to assist you.

Access Email and Data Services Internationally on GSM/UMTS Networks

To access your email and browse the Web when travelling, you may need to manually select the carrier that provides Sprint service in your location. You can find a list of carriers for each country where GSM

data service is offered at sprint.com/sww. Then, follow the instructions below to select the appropriate carrier network on your phone.

To select a GSM data service carrier for a specific country:

1. Press **Menu**, and then tap **Apps** > **Settings** > **More networks** > **Roaming.**
2. Tap **Roaming network**, and then change the Roaming network option to **Automatic**.
3. Tap **Roaming settings**, and then tap Data under GSM networks to allow access to data services while roaming.

Note: Depending on the networks available you may need to choose a specific network under Roaming network.

Access Email and Data Services on Internationally on CDMA Networks

If data service is available on a CDMA network, then you only need to set the phone to CDMA, you will not need to select the specific carrier. Selecting a specific carrier is only necessary for providers on the GSM network. If your phone has automatically selected a GSM network while traveling, then you will need to set the phone to CDMA to access CDMA data services. (See Enable Global Roaming Mode.) Visit sprint.com/sww for a list of services available in each country.

International Roaming Status Messages

You may receive status messages under certain conditions. Before contacting Sprint Worldwide Customer Support, note the message, numeric code, and the conditions under which it appeared. The following table lists and describes the status messages.

Status Messages	Message Description
Number Not in Service	The number that you entered is not valid.
User Not Available	The phone that you called is either busy, out-of-range, or turned off. Please try again later.
User Not Authorized	The phone that you called is either busy, out-of-range, or turned off. Please try again later.
Please Try Later	This service is temporarily not available. Please try again later.
Service Restricted	Service may not be activated properly. Please contact Sprint Customer Service to report the issue for resolution.
Service Not Available	This feature is not available on the current network.
Emergency Calls Only	Either the service is not activated properly or the current network is available for emergency calling only. Adjust your network settings to check for other available networks. If service is still not available after adjusting the settings, contact Sprint Customer Service to report the issue for resolution.
System Busy. Try Later	The system is experiencing heavy traffic. Please try again later.
Service Conflict	This service cannot be enabled because an incompatible

Status Messages	Message Description
	service has already been turned on.
Please Try Again	An error occurred. Note the error code and try again.
Self Check Error	A fault was detected with your phone. If this error recurs, note the error and contact Sprint Customer Service.
Self Check Fail	An operational fault was detected with your phone. Note the numeric code, turn your phone off, and contact Sprint Customer Service.
Wrong PIN	You have entered an incorrect SIM PIN number. You have only three attempts to enter your PIN. After a third unsuccessful attempt, your phone will be locked and you will have to call Sprint Customer Service to have it unlocked. Sprint sets the default to PIN off; if you elect to enable the PIN then you will need to contact Sprint for the default PIN and PUK.
PIN Blocked. Call Your Provider	An incorrect SIM PIN was entered three consecutive times. You will be unable to send or receive calls on your phone. Contact Sprint Customer Service to obtain the PIN Unblocked Key (PUK) code. Sprint sets the default to PIN off; if you elect to enable the PIN then you will need to contact Sprint for the default PIN and PUK.
Insert SIM	Your SIM Card is not being detected. Please check to ensure that you have inserted the SIM Card.
Check SIM Card	Please check your SIM card to make sure it is properly inserted.

Contact Sprint for Assistance with International Service

If you experience any issues with voice or data services while outside of the United States, Sprint offers customer support 24 hours a day. In the event that you do experience an issue, try the following actions:

- First try powering your phone off and then back on; this will force your phone to reregister with the network.
- Try manually selecting another network. Information for selecting networks can be found in the phone guide.

If neither of these actions resolves your issue, you will need to contact customer service (see below). When calling to report an issue, the following information will be beneficial in trying to resolve your issue as quickly as possible:

- Your wireless phone number.
- The city and country you are travelling in.
- Any error message that displays on your phone or that you heard when trying to place a call.
- If the issue is with data, were you able to place voice calls?

- If the issue is with voice service, were you able to access data?

Please call the numbers below if you need assistance:

While in the United States: Call **1-888-226-7212**.

While traveling outside the United States:

- In GSM mode: touch 0 + and then dial **1-817-698-4199**.
- In CDMA mode: enter the country code and then dial **1-817-698-4199**.

There is no charge for this call from your wireless phone.

From a landline phone when outside the United States:

Sprint Worldwide Customer Support can be reached from a landline phone at **1-817-698-4199**. Access or connection fees may apply. The toll free numbers below can also be used to contact Sprint Worldwide Customer Support in the following countries:

Country	From Landline Phone
Caribbean (Anguilla, Barbados, Cayman Islands, and Dominica)	1-888-226-7212
France	0800-903200
Germany	0800-180-0951
Italy	800-787-986
Mexico	001-877-294-9003
Trinidad and Tobago	1-800-201-7545
United Kingdom	0808-234-6616

Note: This toll free service is available on ordinary landline phones and some public pay phones. This service does not cover any hotel access charges.

Settings

Use Settings to configure your phone to your preferences.

Wi-Fi Settings

Use Wi-Fi settings to control your phone's connections to Wi-Fi networks, and for using Wi-Fi Direct to connect directly to other Wi-Fi Direct devices.

Turn Wi-Fi on or off

When Wi-Fi is turned on, your device will notify you of available Wi-Fi networks, and you can connect to the Wi-Fi networks. Turn Wi-Fi off when not in use, to conserve battery power.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Wi-Fi**, and then tap the **ON/OFF** switch beside **Wi-Fi** to turn Wi-Fi on or off.

Note: You can also turn Wi-Fi on or off from the Notification panel. Drag down from the top of the screen, and then tap **Wi-Fi**.

Configure Wi-Fi Settings

Set up and manage wireless access points.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Wi-Fi**, and then tap the **ON/OFF** switch beside **Wi-Fi** to turn Wi-Fi on. Wi-Fi must be On to configure settings.
3. Configure settings:
   - Tap **Add Wi-Fi network** to connect to a new Wi-Fi network. For more information about using Wi-Fi, see Wi-Fi.
   - Tap **Search** to enter keywords to search Settings.
   - Tap **Menu** for these options:
     - **Scan**: Search for available Wi-Fi networks.

- **Wi-Fi Direct**: Connect to other Wi-Fi Direct devices. For more information, see Wi-Fi Direct.
- **Advanced**: Configure more settings. For more information, see Advanced Wi-Fi Settings.
- **WPS push button**: Set up a connection to a WPS (Wi-Fi Protected Setup) router or other equipment.
- **WPS PIN entry**: View the PIN used by your device to set up a PIN-secured connection to a Wi-Fi router or other equipment.
- **Help**: Learn about setting up and using Wi-Fi networks, and other settings.

Advanced Wi-Fi Settings

Set up and manage wireless access points.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Wi-Fi**, and then tap the **ON/OFF** switch to turn Wi-Fi on. Wi-Fi must be on to configure settings.
3. Tap **Menu** > **Advanced** to configure these settings:
   - **Network notification**: When enabled, your phone alerts you when a new Wi-Fi network is available.
   - **Passpoint**: When turned on, your phone will connect to passpoint-enabled Wi-Fi networks automatically.
   - **Sort by**: Choose a sorting order for Wi-Fi networks on the Wi-Fi screen.
   - **Keep Wi-Fi on during sleep**: Specify when to switch from Wi-Fi to mobile data for data communications, when the device goes to sleep (when the backlight goes out). This setting can affect data usage, and the behavior of devices you connect to your device, such as when using it as a hotspot.
   - **Always allow scanning**: When enabled, your phone will allow Google location service and other apps to scan for networks, even when Wi-Fi is turned off.
   - **Auto network switch**: When enabled, your phone will automatically switch between known Wi-Fi networks and mobile networks. Known Wi-Fi networks are those you have already connected to.
   - **Wi-Fi timer**: When turned on, your phone will automatically connect or disconnect from a Wi-Fi network, using the Starting time and Ending times you set.

- **Install certificates**: If you have certificates stored on an installed optional memory card (not included), you can use this option to install the certificates.
- **MAC address**: (Not configurable) View your device's MAC address, needed for connecting to some secured networks.
- **IP address**: (Not configurable) View your device's IP address.

Wi-Fi Direct Settings

Wi-Fi Direct allows devices to connect to each other directly via Wi-Fi, without a Wi-Fi network or hotspot, and without having to set up the connection. For example, your device can use Wi-Fi Direct to share photos, contacts and other content with other Wi-Fi Direct devices.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Wi-Fi**, and then tap the **ON/OFF** switch beside **Wi-Fi** to turn Wi-Fi on. Wi-Fi must be on to configure Wi-Fi Direct settings.
3. Tap **Menu** > **Wi-Fi Direct**. Your device automatically scans for nearby Wi-Fi Direct devices, or you can tap **Scan** to start scanning.
4. After scanning for devices, select a device, and then follow the prompts to complete the connection.

   – or –

   Tap **Menu** > **Multi connect** to scan for devices that support multi connect. Select the devices and follow the prompts to establish the connections.

Hotspot Settings

Use the Hotspot feature to share your phone's data connection with other devices via Wi-Fi.

Note: Using the Hotspot feature consumes battery power and uses data services

Turn Hotspot on or off

To conserve battery life, turn Hotspot on when you need it and turn it off when you're finished. You can control Hotspot from Settings.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Hotspot**, and then tap the **ON/OFF** switch beside **Hotspot** to turn Hotspot on or off.

Configure Hotspot

Set up Hotspot to your preferences.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Hotspot** > **Menu** to set these options:
   - **Configure**:
     - **Network SSID**: View and change the name of your mobile hotspot.
     - **Hide my device**: When enabled, your mobile hotspot is not visible to other Wi-Fi devices during a scan. Other devices can still connect to your mobile hotspot, but will have to set up the connection manually with your Network SSID and Password.
     - **Security**: Choose the security level for your Mobile Hotspot.
     - **Password**: If you choose a security level that uses a password, set a password. By default, the password is your mobile telephone number.
     - **Show password**: When enabled, the contents of the Password field are visible.
     - **Show advanced options**: When enabled, you can access advanced options, including Broadcast channel, to specify the channel your device uses for Hotspot, and you can set the maximum number of connections to your Hotspot.
   - **Timeout settings**: Choose a time period, after which Hotspot will automatically turn off if there is no activity.
   - **LAN settings**: View and configure settings related to using your Hotspot as a Local Area Network.
     - **IP address**: View the default IP address, or tap to enter a valid IPv4 address.
     - **Subnet mask**: View the default subnet mask, or tap to enter a subnet mask.
     - **DHCP**: Tap to enable or disable DHCP. When DHCP is enabled, your phone assigns IP addresses to devices that connect to Hotspot.
     - **Starting IP**: When DHCP is enabled, view the default starting IP address for assigning IP addresses to connecting devices, or enter a enter a valid IPv4 address. When other devices connect to your device using DHCP, the IP address your phone assigns will be between the Starting IP and Ending IP.
     - **Ending IP**: When DHCP is enabled, view the default ending IP address for assigning IP addresses to connecting devices, or enter a enter a valid IPv4 address. When other devices connect to your device using DHCP, the IP address your phone assigns will be between the Starting IP and Ending IP.
     - **Lease time**: When DHCP is enabled, set a length of time a connected device may use an assigned IP address.

- **Maximum DHCP users**: When DHCP is enabled, set the maximum number of devices allowed to connect to your Hotspot.

Allowed Devices

Control whether devices can connect to your Mobile Hotspot with the Allowed devices list. After you add devices to the list, they can scan for your phone and connect using your phone's Hotspot name and password.

Note: Using the Hotspot feature consumes battery power and uses data services

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Hotspot** > **Menu** > **Allowed Devices**.
3. Tap , and then enter the other device's **Device name** and **MAC address**. Consult the other device's settings to find these details.
4. Tap **OK** to add the device to the Allowed devices list.

Network Booster

With Network Booster, you can download large files faster by using your Wi-Fi and mobile networks at the same time. When you download a file, your phone will use either network, or both together, to complete the download.

Note: Depending on your account, using mobile networks to download files may result in additional charges.

5. Press **Menu**, and then tap **Apps** > **Settings**.
6. Tap **Network booster**, and then tap the **ON/OFF** switch beside **Network booster** to turn Network booster on or off.

Bluetooth Settings

Bluetooth is a short-range wireless communications technology for exchanging information over a distance of about 30 feet. You don't need to line up the devices to send information with Bluetooth. If the devices are in range, you can exchange information between them, even if they are in different rooms.

Your device can use Bluetooth to share photos, contacts and other content with other Bluetooth devices.

Many of the apps on your device provide options for sharing via Bluetooth under **Menu**, or with the **Share** icon.

Turn Bluetooth on or off

When Bluetooth is on, you can scan and find other Bluetooth devices to share information between the devices. Turn Bluetooth off when not in use to conserve battery power.

7. Press **Menu**, and then tap **Apps** > **Settings**.
8. Tap **Bluetooth**, and then tap the **ON/OFF** switch beside **Bluetooth** to turn Bluetooth on or off.

Note: You can also turn Bluetooth on or off from the Notification panel. Drag down from the top of the screen, and then tap **Bluetooth**.

Configure Bluetooth Settings

Pair with other Bluetooth devices, manage your Bluetooth connections, and control your device's visibility to other devices.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Bluetooth**, and then tap the **ON/OFF** switch to turn Bluetooth on. Bluetooth must be on to configure settings.
3. From the Bluetooth screen, configure these settings:
   - Tap the **ON/OFF** switch to turn Bluetooth on or off.
   - Tap your device's name to enable or disable visibility to other Bluetooth devices. When your device is visible, other devices can find your devices during a scan. Your device remains visible for the period of time set in the Visibility timeout setting.
   - Tap a paired device to connect to it, or touch beside a device to change its settings.
   - Tap **Scan** to search for visible Bluetooth devices. After searching, tap a device to pair with it.
4. Tap **Menu** for more settings:
   - **Visibility timeout**: Set the length of time your device is visible to other devices when you turn on visibility.
   - **Received files**: View files transferred to your device via Bluetooth.
   - **Help**: Learn about Bluetooth, and other settings.

Tethering Settings

Use Tethering to share your device's Internet connection with a computer that connects to your device via USB cable, or by Bluetooth.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Tethering** to choose an option:
   - **USB tethering**: Connect the computer to the device via USB cable, and then touch **USB tethering** to turn tethering on or off.
   - **Bluetooth tethering**: Pair your device with the computer via Bluetooth. Consult the computer's documentation for more information about configuring your computer to pair via Bluetooth. Touch **Bluetooth Tethering** to turn tethering on or off.

Note: Tap **Menu** > **Help** for information about using Tethering.

Airplane Mode

When you turn on Airplane mode, your phone disconnects from all networks, meaning you cannot use make calls, send or receive messages, or access the Internet. It also turns off other connectivity features, such as Wi-Fi and Bluetooth.

While in airplane mode, you can use other features of your device, such as playing music, watching videos, or other applications.

To use Wi-Fi and Bluetooth after turning on Airplane mode, turn them on in Settings, or on the Notification panel.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Airplane mode**, and then tap the **ON/OFF** switch beside **Airplane mode** to enable or disable the option.

Note: You can also control Airplane mode from the **Device options** menu. Press and hold the **Power/Lock Key**, and then tap **Airplane mode**.

Data Usage Settings

Monitor data usage, and control your device's connection to mobile data service.

Note: Data is measured by your phone. Your service provider may account for data usage differently.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Data usage** to configure options:
   - **Mobile data**: Enable or disable Mobile data. You can also control Mobile Data at the Notification panel.

- **Limit mobile data usage**: When enabled, your mobile data connection will be disabled when the specified limit is reached. After enabling the setting, drag the red limit line on the graph below to set the data usage limit.
- **Alert me about data usage**: When enabled, your device will alert you when mobile data usage reaches the warning limit you set. After enabling the setting, drag the orange warning line on the graph below to set the data usage warning limit.
- **Data usage cycle**: Tap the menu, and then choose a time period for data usage. Data usage for the period displays on the graph, along with usage by application below.

3. Tap **Menu** for other options:

- **Data roaming**: When enabled, your device can connect to mobile data service when outside your home network area. Using data while roaming may incur additional costs; contact your service provider for more information.
- **Restrict background data**: Your device is capable of connecting to the network in the background, for synchronization or other services. When enabled, background connections will not occur.
- **Auto sync data**: When enabled, your device will synchronize with accounts automatically, at any time.
- **Show Wi-Fi usage**: When turned on, a separate tab displays data used while connected to Wi-Fi.
- **Mobile hotspots**: Select Wi-Fi networks that are mobile hotspots. You can restrict apps from using these networks, and you can configure apps to warn you before using these networks for large downloads.

Location Settings

Control apps' access to your location, and configure location sources. Some apps may require one or more location services be turned on for full app functionality. When Locations is turned on, you are allowing Google's location service to collect anonymous location data. Some data may be stored on your device, and collection may occur even when no apps are running

GPS signals may be affected by your surroundings, including:

- Buildings
- Tunnels or underground structures
- Weather conditions
- High-voltage or electromagnetic fields
- Tinted windows

Note: E911 location service is standard on all mobile phones, to allow sharing of GPS information with emergency personnel when you make a call to emergency services, such as 911.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Locations**, and then tap the **ON/OFF** switch beside **Locations** to turn location services on or off. Locations must be turned on to configure settings. When you turn Locations , you are allowing Google's location service to collect anonymous location data. Some data may be stored on your device, and collection may occur even when no apps are running.
3. After you turn Location on, you can tap **Location** to configure settings:
   - **Mode**: Choose the method your phone uses to determine your location.
     - **High accuracy**: When enabled, your phone uses GPS, Wi-Fi, and mobile networks to estimate your location.
     - **Power saving**: When enabled, your phone uses Wi-Fi and mobile networks to estimate your location.
     - **GPS only**: When enabled, your phone uses GPS to estimate your location.
   - **Recent location requests**: View services or apps that have recently accessed your location information.
   - **Location services**: Select sources for reporting your location information to Google.
   - **Location sources**: Tap **My places** to save your favorite locations, to allow your device to provide relevant information by recognizing saved locations.
     - Tap **Home**, **Work**, or **Car**, and then follow the prompts to configure options for identifying the location.
     - Tap to set up a new location.

More Networks Settings

More networks settings provide additional options for configuring connections between your phone and the work, or to other devices.

Default Messaging App

If you have multiple messaging apps installed on your phone, you can choose the app your phone uses for messaging. The app you select here will be used when you choose Messages in other apps, such as when sharing items like pictures or video.

1. Press **Menu**, and then tap **Apps** > **Settings**.

2. Tap **More networks** > **Default messaging app**.
3. Choose a messaging app. The default Messages app included with your phone is available, along with any other messaging apps you've installed.

Printing Settings

You can print from your phone, via Wi-Fi, to an optional compatible printer (not included). Your phone and the optional printer must be connected to the same Wi-Fi network.

Turn Print Services on or off

Before you can print from your phone, a print service must be turned on. The print service communicates with the printer when you select something to print.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **More networks** > **Printing**.
3. Choose a print service from the list. The Samsung Print Service Plugin is available by default.
4. Tap the **ON/OFF** switch to turn the service on or off. The service must be on to configure settings or print.

Add a Printer

Before you can print to a printer, you must set it up on your phone. You'll need to know the IP address of the printer; consult the printer's documentation for this information.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **More networks** > **Printing**.
3. Choose a print service from the list, and then tap the **ON/OFF** switch to turn the service on or off. The service must be on to add a printer.
4. Tap **Menu** > **Add printer** > , and then enter a name and the IP address of the printer.

Configure Print Settings

Choose options for printing from your phone.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **More networks** > **Printing**.

3. Choose a print service from the list, and then tap the **ON/OFF** switch to turn the service on or off. The service must be on to add a printer.

4. Tap **Menu** > **Settings** to configure options. Available options may vary depending on the type of printer, and not all printers support all options.

   - **2-Sided printing for documents**: Choose Simplex to print one page per piece of paper, or choose Long edge or Short edge to print on both sides. Short edge and Long edge refer to how the pages flip when moving through multiple pages.
   - **Secure Release**: If the optional printer supports secure release, and it is enabled, you must enter a User ID to retrieve your printouts. Tap **Secure release**, and then enter a User ID.
   - **Confidential Print**: If the optional printer supports confidential printing, and it is enabled, you must enter a User ID and Password to retrieve your printouts. Tap **Confidential Print**, and then enter a **User ID** and **Password**.
   - **Job Accounting**: If the optional printer supports job accounting, and it is enabled, you must enter a User ID and Password when printing, to track printing by group or other set.
   - **Version**: View the version of the print service software.
   - **Open source licenses**: View licenses related to the print service software.
   - **About**: View information about the print service software.

Mobile Networks Settings

Set options for network selection and data service.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **More networks** > **Mobile networks**.
3. Configure options:

   - **Mobile data**: When enabled, your device connects to the mobile data network, and can use the network to access the Internet and transfer information.
   - **Network mode**: Choose a preferred network mode. Available options depend on your phone's features.
   - **Access Point Names**: Configure access points (not common).
   - **Network operators**: Configure network operators.

VPN Settings

Set up and manage Virtual Private Networks (VPN).

Note: VPN settings include storage of login credentials on your device. You must configure a screen unlock PIN or password before setting up a VPN.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **More networks** > **VPN**.
3. Tap to add a VPN, and then enter details for the VPN. Available options depend on the type of VPN; consult your VPN's administrator for more information.
   - **Name**: Enter the name of the VPN.
   - **Type**: Choose the type of VPN, from PPTP, L2TP/IPSec PSK, L2TP/IPSec RSA, IPSec Xauth PSK, IPSec Xauth RSA, or IPSec Hybrid RSA.
   - **Server address**: Enter the VPN server address.
   - **PPP Encryption (MPPE)**: Tap to enable, if applicable for the VPN.
   - **Show advanced options**: Tap to set other options, depending on the type of VPN.
4. Tap **Save** to save the VPN.

Roaming Settings

When you are outside your home network area, your phone can still connect to other networks that your provider supports via roaming. There may be additional costs for accessing networks while roaming, so you may want to control your phone's roaming behavior with Roaming settings.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **More networks** > **Roaming**.
3. Configure options:
   - **Roaming network**: Select a roaming default. Choose Home only, to only connect to the Sprint network, or Automatic, to allow connections to Sprint's partner networks, when available.
   - **Roaming settings**: Choose options for roaming, including Voice and data for Domestic CDMA and International CDMA networks, and Data for GSM networks (if supported by your phone).
   - **Roaming guard**: Choose options for preventing roaming for certain functions. Enable or disable roaming access for Voice and data for Domestic CDMA, Voice, Data and Outgoing SMS for International CDMA networks, and Voice, Data and Outgoing SMS for GSM networks (if supported by your phone).

NFC Settings

Use NFC (Near Field Communication) to share information between your device and another NFC device by touching the devices together, typically back-to-back.

NFC is used with S Beam and Android Beam, and must be turned on to use these features.

Note: Tap > **Help** for information about using NFC and Android Beam.

Turn NFC on or off

Use NFC (Near Field Communication) to share information between your device and another NFC-capable device or NFC tag, by touching the devices together, typically back-to-back. For example, you can beam web pages from the browser, contacts from Contacts, and videos from YouTube. The app determines what is beamed.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **NFC**, and then tap the **ON/OFF** switch beside **NFC** to turn NFC on or off.

Android Beam

With Android beam, you can transmit app content via NFC to other NFC devices that support Android Beam.

Android Beam uses NFC, so NFC must be turned on before you can turn on Android Beam.

Turn Android Beam on or off

Turn on NFC and Android Beam, so that beaming is available from the apps on your phone.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **NFC**, and then tap the **ON/OFF** switch beside **NFC** to turn NFC on or off.
3. Tap **Android Beam** and then tap the **ON/OFF** switch beside Android Beam to turn Android Beam on or off.

S Beam Settings

Share more and share it faster with S Beam. From photos to documents, large video files to maps, you can share almost anything instantly with one touch, simply by placing your devices back-to-back.

S Beam uses your device's NFC (Near Field Communication) feature to send, or "beam", content to other NFC devices.

S Beam works in the background. Use the sharing options from your favorite apps to select content to share via S Beam. For example, you can beam pictures or videos from Gallery, or songs from Music player. Just bring the devices together (typically back to back), and then tap the screen.

Note: You must have both NFC and S Beam turned on to use S Beam to share information.

Turn S Beam on or off

When S Beam is turned on, you can send or receive data by touching your device to another NFC-capable device.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **NFC**, and then tap the **ON/OFF** switch beside **NFC** to turn NFC on or off. NFC must be turned on before you can turn S Beam on.
3. Tap **S Beam**, and then tap the **ON/OFF** switch beside **S Beam** to turn S Beam on or off.

Note: Tap > **Help** for information about using S Beam.

Tap and Pay

With your phone and a payment app, you can use your device to pay for items by tapping it to an item at the point-of-purchase. Google Wallet is an example of a payment app. You must have the payment app set up on your phone to use it with Tap and Pay.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **NFC**, and then touch the **ON/OFF** switch beside **NFC** to turn NFC on. NFC must be on to use Tap and Pay.
3. Touch **Tap and Pay** to access Tap and Pay settings. Available settings depend on the payment app(s) you have set up on your phone.

Nearby Devices Settings

Share files with devices that support DLNA (Digital Living Network Alliance) standards, over Wi-Fi.

To use Nearby devices, you must connect to the same Wi-Fi network as the devices you wish to share with, and the other devices must support DLNA. From an app, look for the Nearby devices sharing options.

Note: Use care when enabling file sharing. When enabled, other devices can access data on your device.

Turn Sharing via Nearby Devices on or off

To use sharing with nearby devices, you must have the option turned on.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Nearby devices** to configure these options:

- Tap the **ON/OFF** switch beside **Nearby devices** to turn Nearby devices on or off. Nearby devices must be turned on to configure options.
- Under **Advanced**, configure options to control how content is shared from your device:
  - **Shared contents**: Choose the type of content to share, from Videos, Photos, or Music.
  - **Allowed devices list**: View and manage a list of devices allowed to connect to your device.
  - **Not-allowed devices list**: View and manage a list of devices restricted from connecting to your device.
  - **Download to**: Choose a location to save downloaded content, from USB storage (device memory) or optional installed SD card (not included).
  - **Upload from other devices**: Choose how to handle incoming files from other devices, from Always accept, Always ask, or Always reject.

Screen Mirroring Settings

With Screen mirroring, you can share your device's screen with another device, using an optional AllShare Cast accessory (not included).

Turn Screen Mirroring on or off

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Screen mirroring**, and then tap the **ON/OFF** switch beside Screen Mirroring to turn Screen mirroring on or off.

Note: Tap > **Help** to find instructions for using Screen mirroring to connect to a device.

Sound Settings

Configure the sounds and vibrations your phone plays, for incoming calls, notifications, screen touches, connections, and other options.

Sound Mode

You can switch between sound modes, while preserving the individual sound settings you've made.

Note: Sound modes are also available from the Device options menu. Press and hold the **Power/Lock Key**, and then choose **Mute**, **Vibrate**, or **Sound** from the Device options.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Sound** > **Sound mode**, and then choose a mode:

- **Mute**: Your phone plays no sounds or vibrations. On-screen reminders will still occur.
- **Vibrate**: Your phone vibrates for notifications and alerts. This uses the Vibration intensity you choose in Sound settings.
- **Sound**: Your phone uses the sounds, vibrations, and volume levels you've chosen in Sound settings for notifications and alerts.

Volume

Set the system volume level, and set default volume for call ringtones, notifications, and other media.

Note: You can also set System volume from the home screen by pressing the **Volume Key**.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Sound** > **Volume** and then drag the sliders to set the default volume for:
   - **Music, video, games, and other media**
   - **Ringtone**
   - **Notifications**
   - **System**
3. Tap **OK** to save the settings.

Vibration Intensity

Set the level for vibration to accompany ringtones, notifications, and feedback for your screen touches, also known as haptic feedback.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Sound** > **Vibration intensity** to set vibrations. Drag the sliders to set the vibration intensity for:
   - **Incoming call**
   - **Notification**
   - **Haptic feedback**
3. Tap **OK** to save the settings.

Music Effects

Choose effects to apply when playing music on your phone.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Sound** > **Music effects**, and then choose a control panel for music effects.

Ringtones

Choose a ringtone for incoming calls.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Sound** > **Ringtones** to choose a ringtone:
   - Tap a ringtone to select it. As you tap a ringtone, a sample plays.
   - Tap **Add** to choose a music track from Google Music, a sound file from Dropbox, or use Sound picker to choose a song from Music player.
3. Tap **OK** to save the setting.

Vibrations

Choose vibrations to play for notifications, such as for incoming calls, new messages, and event reminders.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Sound** > **Vibrations** to choose a notification tone.
3. Tap a vibration to play a sample and select the vibration, or tap **Create** to create your own pattern.
4. Tap **OK** to save the setting.

Notifications

Choose a sound for notifications, such as for new messages and event reminders.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Sound** > **Notifications**, and then tap a sound to play a sample and select the sound.
3. Tap **OK** to save the setting.

Vibrate When Ringing

When Vibrate when ringing is enabled, a vibration plays for calls and notifications, along with the ringtone or sound. You can use the Vibration intensity and Vibrations settings to customize the vibration.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Sound**, and then tap the check box beside **Vibrate when ringing** to enable or disable the option.

Dialing Keypad Tone

When Dialing keypad tone is enabled, tones play when you tap keys on the Phone keypad.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Sound**, and then tap the check box beside **Dialing keypad tone** to enable or disable the option.

Touch Sounds

When Touch sounds is enabled, tones play when you tap or touch the screen to make selections.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Sound**, and then tap the check box beside **Touch sounds** to enable or disable the option.

Screen Lock Sound

When Screen lock sound is enabled, tones play when you touch the screen to lock or unlock it.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Sound**, and then tap the check box beside **Screen lock sound** to enable or disable the option.

Haptic Feedback

When Haptic feedback is enabled, vibration plays when you tap the Menu and Back keys, and for certain screen touches.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Sound**, and then tap the check box beside **Haptic feedback** to enable or disable the option.

Emergency Tone

You can choose to have a tone play, or have your phone vibrate, periodically during an emergency call.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Sound**, and then tap **Emergency tone** to select a tone:
   - **Off**: No tone or vibration plays during emergency calls.
   - **Alert**: A tone plays during emergency calls.
   - **Vibrate**: A vibration plays during emergency calls.

Samsung Keyboard Sound Settings

You can choose whether sounds and vibrations play when you tap keys on the Samsung Keyboard while entering text.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Sound**, and then tap an option to enable or disable it:
   - **Key-tap sound**: When enabled, a sound plays when you tap keys.
   - **Key-tap vibration**: When enabled, a vibration plays when you tap keys.

HDMI Audio Output

Choose the type of sound output when you attach your phone to another device via HDMI cable (not included).

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Sound**, and then tap **Audio output** to choose whether sound is output as Stereo or Surround while connected to an optional HDMI device (not included).

Samsung Applications Sound Settings

You can configure options for sound used in Samsung apps.

Call Sound Settings

Configure sounds your phone makes during phone calls.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Sound** > **Call**, and then configure sounds:
   - **Call alerts**: Choose whether tones or vibration play for certain stages when making phone calls.

- **Vibrate on connection to network**: When enabled, your phone will vibrate when a call connects to the network.
- **Call-end vibration**: When enabled, the phone vibrates when the other caller ends the call.
- **Call connect tone**: When enabled, the phone plays a tone when the other caller answers a call.
- **Minute minder**: When enabled, a tone plays once per minute during a call.
- **Call end tone**: When enabled, the device plays a tone when the other caller ends the call.
- **Alerts on call**: When enabled, notifications for alarms and new messages play during calls. When disabled, these notifications will be muted during a call.

▪ **Ringtones and keypad tones**: Choose tones and/or vibration to play for incoming call notifications.

- **Ringtones**: Select a ringtone for incoming calls. Tap **OK** to save your selection.
- **Vibrations**: Select a vibration pattern to play for incoming calls when the Vibrate when ringing option is enabled. You can tap **Create** to create a custom pattern. Tap **OK** to save the settings.
- **Vibrate when ringing**: Play a vibration for incoming calls. The vibration pattern is set at the Vibrations setting.
- **Dialing keypad tone**: Enable or disable tones for keypad taps.

▪ **Personalize call sound**: Choose options to adapt sound to your preferences.

- **Adapt sound**: Tap **Start**, and then follow the onscreen prompts to find the best sound for you.
- **Soft sound**: Use softer sounds during calls.
- **Clear sound**: Use clearer sounds during calls.
- **Off**: Use the default call sound settings.

▪ **Noise reduction**: When enabled, your phone uses noise reduction to minimize background noise during calls.

▪ **Increase volume in pocket**: When enabled, this setting uses the proximity sensor to detect when the device is in a pocket or other close-fitting location such as a purse or bag, and increases the volume for incoming call ringtones.

▪ **Voicemail**: Choose sounds and/or vibration to play for voicemail notifications.

- **Sound**: Choose a sound to play for voicemail notifications.
- **Vibrate**: Enable or disable vibration, to play along with sound for voicemail notifications.

Message Sound Settings

Configure sounds your phone uses for messaging.

3. Press **Menu**, and then tap **Apps** > **Settings**.
4. Tap **Sound** > **Message** to configure sounds:
   - **Ringtones**: Choose a ringtone for message notifications.
   - **Vibrate**: Enable or disable vibration, to play along with the ringtone for message notifications.
   - **Message alert repetition**: Choose how often your phone notifies you of new message(s).

Email Sound Settings

Configure sounds your phone uses for emails.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Sound** > **Email**, and then configure sounds:
   - **Priority senders**: Choose sounds to use for email notifications from priority senders. You can configure a list of priority senders in the Email app settings.
     - **Email notifications**: When enabled, an icon displays in the Status bar when you receive new emails from priority senders.
     - **Select ringtone**: Choose a ringtone to play for notifications for new email from priority senders.
     - **Vibrate**: When enabled, vibration plays for notifications for new email from priority senders.
   - Tap an email account to choose sounds to use for email notifications for a specific account.
     - **Email notifications**: When enabled, an icon displays in the Status bar when you receive new emails notifications for a specific account.
     - **Select ringtone**: Choose a ringtone to play for notifications for new email notifications for a specific account.
     - **Vibrate**: When enabled, vibration plays for notifications for new email notifications for a specific account.

Calendar Sound Settings

Configure sounds your phone uses for the Calendar.

1. Press **Menu**, and then tap **Apps** > **Settings**.
2. Tap **Sound** > **Calendar**, and then configure sounds:
   - **Set alerts and notifications**: Choose how you want your phone to alert you to Calendar events.
   - **Select ringtone**: Choose a ringtone to play for notifications for Calendar notifications.
   - **Vibration**: When enabled, vibration plays for notifications for new email for Calendar notifications.

Sound Mode Settings

You can switch between sound modes, while preserving the individual sound settings you've made.

Note: Sound modes are also available from the Device options menu. Press and hold the **Power/Lock Key**, and then choose **Mute**, **Vibrate**, or **Sound** from the Device options.

1. Press and tap **Apps** > **Settings**.
2. Tap **Sound mode**, and then choose a mode:
   - **Mute**: Your phone plays no sounds or vibrations. On-screen reminders will still occur.
   - **Vibrate**: Your phone vibrates for notifications and alerts. This uses the Vibration intensity you choose in Sound settings.
   - **Sound**: Your phone uses the sounds, vibrations, and volume levels you've chosen in Sound settings for notifications and alerts.

Volume Settings

Set the system volume level, and set default volume for call ringtones, notifications, and other media.

Note: You can also set System volume from the home screen by pressing the **Volume Key**.

1. Press and tap **Apps** > **Settings**.
2. Tap **Volume** and then drag the sliders to set the default volume for:
   - **Music, video, games, and other media**
   - **Ringtone**

- **Notifications**
- **System**

4. Tap **OK** to save the settings.

Ringtones Settings

Choose a ringtone for incoming calls.

1. Press [ ] and tap **Apps** > **Settings**.
2. Tap **Ringtones** to choose a ringtone:
   - Tap a ringtone to select it. As you tap a ringtone, a sample plays.
   - Tap **Add** to choose a music track from Google Music, a sound file from Dropbox, or use Sound picker to choose a song from Music player.
3. Tap **OK** to save the setting.

Display Settings

Configure settings for your phone's display.

Brightness

Adjust the screen brightness to suit your surroundings, or to your personal preference. You may also want to adjust screen brightness to conserve battery power.

1. Press [ ] and tap **Apps** > **Settings**.
2. Tap **Display** > **Brightness** to configure options:
   - Tap the checkmark beside **Automatic brightness** to allow the phone to adjust brightness automatically.
   - To set a custom brightness level, clear the Automatic brightness checkmark and then touch and drag the **Brightness level**.
3. Tap **OK** to save the settings.

Font

You can set the font style and size for all text that displays on the screen.

1. Press [ ] and tap **Apps** > **Settings**.
2. Tap **Display** > **Font** to choose a Font style and Font size.

Tip: Tap **Download** to find new fonts from Google Play Store.

Auto Rotate Screen

When Auto rotate screen is enabled, the screen automatically updates when you rotate the phone. See Rotate for more information. You can also choose to enable Smart rotation, to have your phone use the front camera to check the orientation of your face to the screen, and adjust the screen automatically.

1. Press and tap **Apps** > **Settings**.
2. Tap **Display** > **Auto rotate screen** for options:
   - Tap the **ON/OFF** switch beside **Auto rotate screen** to turn the option on or off.
   - Tap the checkbox beside **Smart rotation** to enable or disable the options. When enabled, the phone will automatically rotate the screen based on the orientation of your face to the screen.

Tip: Tap **Help** to learn about screen rotation.

Smart Stay

When Smart stay is enabled, your phone uses the front camera to detect your face, and will not time out as long as you are facing the screen.

1. Press and tap **Apps** > **Settings**.
2. Tap **Display** and then tap the check box beside **Smart stay** to enable or disable the option.

Screen Timeout

Screen timeout lets you choose how long the display screen remains lit after you touch the screen or press any key.

1. Press and tap **Apps** > **Settings**.
2. Tap **Display** > **Screen timeout**, and then choose a time period.

Screen Mode

Choose a screen mode to match your type of viewing. You can choose to have the phone automatically adapt the display depending on the type of image being displayed, and other criteria such as battery level.

1. Press and tap **Apps** > **Settings**.
2. Tap **Display**, and then choose a **Screen mode**:
   - To have your phone automatically optimize the display to match the type of image being displayed and other criteria, such as battery level, enable **Adapt display**.

- To choose a specify type of display, enable **Dynamic**, **Standard**, **Professional photo**, or **Cinema**.

3. Tap **Save**.

Auto Adjust Screen Tone

When Auto adjust screen tone is enabled, your phone analyzes the images displayed on the screen and automatically adjusts the brightness to conserve battery power.

1. Press and tap **Apps** > **Settings**.
2. Tap **Display**, and then tap the check box beside **Auto adjust screen tone** to enable or disable the option.

Daydream

The Daydream setting controls what the screen displays when the phone is docked, or while charging. You can choose to display colors, or display photos stored on your phone.

1. Press and tap **Apps** > **Settings**.
2. Tap **Display**, and then tap the **ON/OFF** switch beside **Daydream** to turn the option on or off. When on, you can configure these options:
   - **Colors**: Tap the selector to enable or disable display of a colorful screen.
   - **Flipboard**: Display pictures from Flipboard. After enabling the option, tap to choose pictures to display.
   - **Photo Frame**: Display pictures in a photo frame. After enabling the option, tap to choose pictures to display.
   - **Photo Table**: Display of pictures in a photo table. After enabling the option, tap to choose pictures to display.
   - Tap **Preview** to see a demonstration of Daydream.
   - Tap **Select when to dream** to choose whether Daydream displays while your phone is docked, while charging, or both.

LED Indicator Settings

The LED indicator on the front of the device displays when the device is locked, to notify you of status changes and events. Use LED indicator settings to configure how the LED functions.

Note: The LED indicator only displays when the screen is locked.

1. Press and tap **Apps** > **Settings**.
2. Tap **Display** > **LED indicator**, and then tap the check box beside options to enable or disable the option:
   - **Charging**: When enabled, the LED glows red during charging, and green when the battery is fully charged.
   - **Low battery**: When enabled, the LED blinks red to indicate low battery charge.
   - **Notifications**: When enabled, the LED blinks blue to show that you have missed calls, new messages, or application events.
   - **Voice recording**: When enabled, the LED blinks blue when recording with the screen turned off.

Touch Key Light Timeout

This feature allows you to set the length of time **Recent** and **Back** remain lit after you touch them.

1. Press and tap **Apps** > **Settings**.
2. Tap **Display**, and then tap **Touch key light duration** to choose a timeout period.

Brightness Settings

Adjust the screen brightness to suit your surroundings, or to your personal preference. You may also want to adjust screen brightness to conserve battery power.

3. Press and tap **Apps** > **Settings**.
4. Tap **Brightness** to configure options:
   - Tap the checkmark beside **Automatic brightness** to allow the phone to adjust brightness automatically.
   - To set a custom brightness level, clear the Automatic brightness checkmark and then touch and drag the **Brightness level**.
4. Tap **OK** to save the settings.

Font Settings

You can set the font style and size for all text that displays on the screen.

1. Press and tap **Apps** > **Settings**.
2. Tap **Font** to choose a Font style and Font size.

Tip: Tap **Download** to find new fonts from Google Play Store.

Wallpaper

Customize the background of the home and Lock screens.

1. Press and tap **Apps** > **Settings**.
2. Tap **Wallpaper**.
3. Choose a screen to customize, from **Home screen**, **Lock screen**, or **Home and lock screens**.
4. Scroll the options to choose a wallpaper, or choose another source:
   - **More images**: Select a picture from Gallery or your Dropbox account. Follow the prompts to crop the picture and save it as wallpaper.
   - **Live wallpapers**: Select a moving scene for the background (home screen only).
   - **ID Wallpapers**: Choose an image from the ID wallpapers included with your phone.

Lock Screen Settings

Configure settings for locking the screen, to improve security.

Screen Lock

Choose a screen lock, to dim and lock the screen. Depending on the Screen lock you choose, you can also choose screen lock options to work along with the screen lock.

1. Press and tap **Apps** > **Settings**.
2. Tap **Lock screen** > **Screen lock**, and then select a screen lock option.

Set a Swipe Screen Lock

When a Swipe screen is set, you swipe your finger across the screen to unlock the device.

This is the default screen lock on your phone, and offers no security, but you can set special lock screen options.

1. Press and tap **Apps** > **Settings**.
2. Tap **Lock screen** > **Screen lock**.
3. Tap **Swipe**.

Set a Pattern Screen Lock

When a Pattern screen lock is set, you draw a pattern, which you create, on the screen to unlock the device. You will also set a PIN to use as a backup, in case you forget the pattern.

1. Press and tap **Apps** > **Settings**.
2. Tap **Lock screen** > **Screen lock**.
3. Tap **Pattern**, and then follow the prompts to create or change your screen unlock pattern.
   - **Lock instantly with power key**: When enabled, you can lock the screen instantly by pressing the Power/Lock Key.

Set a Fingerprint Screen Lock

With a Fingerprint screen lock, you can use your fingerprint to unlock the screen, or for other purposes you decide. Fingerprint recognition provides a lower level of security than a password.

Follow the on-screen instructions to register your fingerprint. If other apps support the use of your fingerprint for security, you can select that option in the app.

1. Press and tap **Apps** > **Settings**.
2. Tap **Lock screen** > **Screen lock**.
3. Tap **Fingerprints**, and then follow the prompts to register your fingerprints.

Set a PIN Screen Lock

With a PIN screen lock, you enter a Personal Identification Number, which you create, on the screen to unlock the device.

1. Press and tap **Apps** > **Settings**.
2. Tap **Lock screen** > **Screen lock**.
3. Tap **PIN**, and then follow the prompts to create or change your screen unlock PIN.

Set a Password Screen Lock

With a Password screen lock, you enter an alphanumeric password, which you create, on the screen to unlock the device.

1. Press and tap **Apps** > **Settings**.
2. Tap **Lock screen** > **Screen lock**.
3. Tap **Password**, and then follow the prompts to create or change your screen unlock password.

Configure Lock Screen Options

When you select a screen lock, you can also configure options to display on the lock screen.

1. Press and tap **Apps** > **Settings**.
2. Tap **Lock screen**, and then configure these options:
   - **Dual Clock**: When turned on, Dual clock displays the time in your home city, and in your current location, when your phone is roaming. Tap the **ON/OFF** switch to turn Dual clock on or off, and then tap **Set home city** to choose your home time zone.
   - **Clock size**: Choose the size of clock displayed on the lock screen.
   - **Show date**: Enable or display the display of the current date on the lock screen.
   - **Camera shortcut**: When enabled, a shortcut to Camera displays on the lock screen. You can drag the Camera shortcut to unlock the screen and launch the Camera in one step. Note that Camera is the only app you can access with this method; you'll need to enter your screen unlock to unlock the screen.
   - **Camera quick access**: When turned on, you can launch Camera from the lock screen by gripping the phone at all four corners and rotating to landscape orientation with the rear camera facing away from you. Tap the **ON/OFF** switch to turn the option on or off.
   - **Owner information**: Enter owner information text, and then tap the checkbox to control whether it displays on the lock screen.
   - **Unlock effect**: You can choose an effect to display on the screen when you touch it without swiping to unlock.
   - **Additional information**: Choose whether to display weather information or information from S Health when Walking mode is enabled in the S Health app.
   - **Help text**: When enabled, your phone displays helpful hints on the lock screen.

Multi Window Settings

Multi window allows you to use two apps on the same screen, in separate, resizable windows. For more information, see Multi Window.

After you turn on Multi window in Settings, you can control whether the Multi window tab displays on the screen by touching and holding **Back**.

1. Press and tap **Apps** > **Settings**.
2. Tap **Multi window**, and then tap the **ON/OFF** switch beside **Multi window** to enable or disable the option.

- Tap the check box beside **Open in multi window view** to display content in Multi window automatically, when you open files from My Files or Video, or attachments from emails and messages.

Notification Panel Settings

Configure options for the Notification panel, available when you swipe your finger down from Status bar at the top of the screen.

At the top of the Notification panel, you can control settings with the Quick settings. Choose the quick settings to display in Notification panel settings.

1. Press and tap **Apps** > **Settings**.
2. Tap **Notification panel** to configure settings:
3. Configure settings:
   - **Brightness adjustment**: Tap the check box to display a slider for adjusting the screen brightness on the notification panel.
   - **Set the quick setting buttons**: Quick setting buttons display at the top of the Notification panel, to allow you to set favorite options quickly.
     - Tap buttons to add or hide the button from the Notification panel.
     - Touch and hold a button, and then drag it into a new position in the list.

One-handed Operation Settings

When One-handed operation is turned on, you can swipe the edge of all screens to adjust the scale and position of the screen. This can be useful when using your phone with one hand – you can move the screen closer to your hand.

1. Press and tap **Apps** > **Settings**.
2. Tap **One-handed operation** to configure options:
   - Tap the **ON/OFF** switch beside **One-handed operation** to turn the option on or off

Easy Mode Settings

Easy mode provides an simpler experience using your phone, with a simpler home screen layout and simpler app interactions. If you're a first-time smartphone user, or just to want to simplify the operation of your phone, you can turn on Easy mode at any time.

1. Press and tap **Apps** > **Settings**.

2. Tap **Easy mode** to configure options:

   - Tap the **ON/OFF** switch beside **Easy mode** to turn the option on or off. Easy mode must be turned on to set other options.
   - **Font**: When Easy mode is turned on, you can choose the size of font to use on your phone's screens.
   - **Apps**: Choose apps, to apply Easy mode to their operation.

Accessibility Settings

Your device offers features to make using the device easier for those with certain physical disabilities. Use Accessibility settings to configure these features.

Configure Vision Accessibility Settings

Your phone offers many features to assist users who are blind or low-vision.

1. Press and tap **Apps** > **Settings**.
2. Tap **Accessibility** > **Vision** to configure options:

   - **TalkBack**: Enable or disable the TalkBack feature and configure options. When TalkBack is on, your device provides spoken feedback to help blind and low-vision users. For example, it describes what you touch, select, and activate. Tap the ON/OFF switch beside TalkBack to turn the feature on or off. When TalkBack is on, tap **Settings** to configure specific options.
   - **Screen curtain**: When TalkBack is on, you can enable Screen curtain to keep your phone's screen turned off at all times. When Screen curtain is enabled, double-press the Power/Lock Key to turn it on or off while using your phone.
   - **Rapid key input**: When TalkBack is on, you can enable Rapid key input, to allow you to release your finger to enter a selection, instead of double-tapping it. By default, when you have TalkBack turned on, you must double-tap items on the screen to select them. If you turn on Rapid key input, you can tap and release your finger to select and item instead of double-tapping.
   - **Speak passwords**: When Explore by touch is turned on, you can enable Speak passwords to have your phone read out characters entered in password fields.
     NOTE: Use caution with this feature, because others near you will be able to hear your passwords.
   - **Font size**: Choose the size of text for your phone's screens.
   - **Magnification gestures**: When turned on, you can use special magnification gestures, including:

     • Triple-tap on most screens to zoom in or out.

- While zoomed in, you can drag two or more fingers across the screen to pan (move around the screen).
- While zoomed in, you can use pinch with two fingers to adjust the zoom level. Move your fingers closer together to zoom in, or apart to zoom out.
- Triple-tap and hold to temporarily magnify what's under your finger. You can then drag your finger across the screen to explore the screen. Lift your finger to return to the regular-size screen.

- **Notification reminder**: When turned on, your phone beeps at set intervals to remind you of unread notifications. Tap the **ON/OFF** switch beside Notification reminder to turn the option on, and then tap **Reminder interval** to set the interval for reminder beeps.
- **Negative colors**: When enabled, screen colors are reversed.
- **Color adjustment**: When turned on, you can adjust the color of the screen if you have difficulty reading the screen because of the color. Follow the prompts to fine-tune screen colors.
- **Accessibility shortcut**: When turned on, you can quickly turn on accessibility features by performing a special gesture:
  - Press and hold the **Power/Lock Key** until you hear a sound or feel a vibration, and then press and hold with two fingers until you hear an audio confirmation.
- **Text-to-speech options**: Configure options for converting text to speech. For more information, see Text-to-speech Options.

Configure Hearing Accessibility Settings

Your phone offers many features to assist users who are deaf or hard-of-hearing.

1. Press and tap **Apps** > **Settings**.
2. Tap **Accessibility** > **Hearing** to configure options:
   - **Flash notification**: When enabled, your phone blinks the Camera flash for notifications.
   - **Turn off all sounds**: When enabled, every sound made by the phone during taps, selections, notifications, etc. is muted.
   - **Hearing aids**: When enabled, your phone automatically adjusts to attempt to improve the sound quality for use with hearing aids.
   - **Samsung subtitles (CC)**: When turned on, your phone displays Samsung subtitles where available. Tap the **ON/OFF** switch to turn the option on or off, and then tap **Samsung subtitles** to configure options.

- **Google subtitles (CC)**: When turned on, your phone displays Google subtitles where available. Tap the **ON/OFF** switch to turn the option on or off, and then tap **Google subtitles** to configure options like Language, Text size, and Caption style.
- **Sound Balance**: Adjust the sound sent to the left and right when using earphones.
- **Mono audio**: Enable or disable the compression of stereo audio into a single mono audio stream for use with a single earphone.
- **Baby crying detector**: When turned on, your phone will vibrate when it detects a baby crying. Tap the **ON/OFF** switch to turn the feature on or off. When turned on, you can tap **Menu** to configure options:
  - **Recent alerts**: Display a list of recent detector alerts.
  - **Settings**: Choose options for the vibration alert your phone plays when it detects a crying baby. You can set the pattern and intensity of the vibration, and enable or disable flash notification, to have your phone also flash the camera light.
- **Auto haptic**: When enabled, your device automatically vibrates in response to the sounds of downloadable apps, such as games. Not all apps support this feature.

Configure Dexterity and Interaction Settings

Your phone offers many features to improve device accessibility .

1. Press and tap **Apps** > **Settings**.
2. Tap **Accessibility** > **Hearing** to configure options:
   - **Assistant menu**: Assistant menu can improve device accessibility by providing quick access to important functions.

     When turned on, a shortcut appears on all screens to give you access to the Assistant menu.

     Tap **Assistant menu** to configure options:
     - Tap the **ON/OFF** switch beside **Assistant menu** to turn the feature on or off. When you turn on Assistant menu, Single tap mode is also enabled.
     - **Dominant hand**: Choose whether the Assistant menu displays on the left or right side of the screen
     - **Edit**: Re-order or remove items from the Assistant menu.
     - **Assistant plus**: When turned on, Assistant plus displays contextual menu options for some apps in Assistant menu. Not all apps support this option. Tap **Assistant plus**,

and then tap the **ON/OFF** switch to turn the option on or off. After you turn on Assistant plus, enable or disable apps to use with Assistant plus.

- **Touchpad size**: Choose a size for touchpads for use in your phone's screens.
- **Cursor size**: Choose the size of cursors, to display on the screen.
- **Cursor speed**: Choose a speed for cursor blinks.

- **Air wake up**: When turned on, you can move your hand over the screen to turn it on, if the phone is face up on a stable surface. Tap the **ON/OFF** switch to turn the option on or off.
- **Smart scroll**: When turned on, your phone uses the front camera to recognize the movements of your head, to control scrolling on the screen. You can scroll through web pages and email messages by tilting your head or the phone, while looking at the screen. Not all apps support this feature.
  - Tap the **ON/OFF** switch to turn the option on or off, and then configure options.
  - **Tilting head**: When enabled, your phone scrolls when you tilt your head while looking at the screen.
  - **Tilting device**: When enabled, your phone scrolls when you tilt the device while looking at the screen.
  - **Speed**: Set the speed of scrolling with Smart scroll.
  - **Visual Feedback display**: When enabled, an icon displays when using Smart scroll.
- **Press and hold delay**: Choose how long your phone waits during a tap and hold gesture on the screen, before continuing with the tap and hold action.
- **Interaction control**: Control how your phone interprets motions and screen touches. To turn Interaction control on or off at any time, press and hold the Home Key and the down Volume Key at the same time. When Interaction control is on, you can use motions to control your phone, and screen timeout is turned on. You can also block areas of the screen from touch interaction. Auto rotate and hard-key functions (Power/Lock Key, Volume Key, etc.) will be turned off, and app notifications will only be shown in the Notification panel and status bar.

Configure Other Accessibility Settings

Your phone offers many features to improve device accessibility .

1. Press and tap **Apps** > **Settings**.
2. Tap **Accessibility** to configure options:
   - **Direct access**: When turned on, you can access common accessibility settings from any screen by pressing the Home Key rapidly 3 times in a row. Tap the **ON/OFF** switch to turn the feature on, and then enable or disable options to display with direct access.

- **Answering/ending calls**: Select options for answering and ending calls.
  - **Answer calls by**: You can choose to answer calls by pressing **Home**, with voice commands, by waving your hand over the device, or by bringing the device to your ear.
  - **End calls by**: You can choose to end calls by pressing the **Power/Lock Key**.
- **Single tap mode**: When enabled, you can use a single tap to dismiss or snooze alarms, notifications and alerts, and answer or reject calls.
- **Manage accessibility**: Choose settings for exporting, updating, and sharing the accessibility settings as a file.

Reading Mode

For applications you select, your phone can adjust screen settings to optimize the screen for reading.

1. Press and tap **Apps** > **Settings**.
2. Tap Reading mode to select options:
   - Tap the **ON/OFF** switch beside Reading mode to turn Reading mode on or off. Reading mode must be turned on to configure options.
   - Tap to mark apps to select them for Reading mode, and then tap **Done** to save your selections.

Show Battery Percentage

The battery charge level displays as an icon in the notification panel by default. This feature allows you to display the battery icon plus the percentage of remaining charge.

1. Press and tap **Apps** > **Settings**.
2. Tap **Display**, and then tap the check box beside **Show battery percentage** to enable or disable the option.

Edit After Screen Capture

When Edit after screen capture is enabled, screen captures you take are automatically opened for editing.

1. Press and tap **Apps** > **Settings**.
2. Tap **Display**, and then tap the check box beside **Edit after screen capture** to enable or disable the option.

Increase Touch Sensitivity

When Increase touch sensitivity is enabled, your device automatically adjusts the screen's sensitivity to touches, depending on the type of material displayed on the screen.

1. Press and tap **Apps** > **Settings**.
2. Tap **Display**, and then tap the check box beside **Increase touch sensitivity** to enable or disable the option.

Blocking Mode Settings

When Blocking mode is turned on, notifications for selected features are blocked, and you only receive the notifications you choose. You can choose to block notifications by feature or contact, and choose blocking all the time, or during a specific time period.

1. Press and tap **Apps** > **Settings**.
2. Tap **Blocking mode** to configure options:
   - Tap the **ON/OFF** switch beside **Blocking mode** to enable or disable the setting. Blocking mode must be turned on to configure options.
   - **Block incoming calls**: When enabled, notifications for incoming calls will not display.
   - **Turn off notifications**: When enabled, notifications for new messages will not display.
   - **Turn off alarm and timer**: When enabled, notifications for alarms and timers will not display.
   - **Turn off LED indicator**: When enabled, the LED indicator will not light for notifications, even when the screen is off.
   - Set a time for blocking mode:
     - Tap the check box beside **Always**, to block notifications at all times.
     - To set a specific time period to block notifications each day, disable the Always option, and then set a starting (From field) time and ending time (To field). Tap the time fields and then set the time.
   - Choose an option for blocking by contact:
     - Tap **Allowed contacts**, and then choose whether to allow notifications for all contacts, just your favorites, or a custom list you create. If you choose a custom list, you'll be prompted to select contacts for the list.
     - If you have created a Custom list of allowed contacts, you can tap **Allowed contact list** to modify the list of allowed contacts. This option is only available when the Custom list is enabled.

Personal Page Settings

You can use your personal page to hide apps, widgets, and content that you want to keep private. To use your personal page, turn it on in Settings, or on the Notification panel, and then use your selected unlock method. A personal page icon displays in the status bar to let you know when you're on your personal page.

To protect your data, you should turn off your personal page when you're finished with it, and use a secure screen lock for better protection.

1. Press and tap **Apps** > **Settings**.
2. Tap **Personal page** to configure options.
3. Tap the **ON/OFF** switch beside **Personal page** to enable or disable the feature.
   - When you turn on Personal page the first time, you'll also be prompted to up a secure screen unlock, such as Pattern, PIN, Fingerprints, or Password.
   - To turn off Personal page, you can use the ON/OFF switch in Settings, or turn it off on the Notification panel.

Guest Mode Settings

With Guest mode, you can create a profile for others who use your phone, and select the applications and accounts they can access when they borrow your phone. A guest mode icon displays in the status bar to let you know when guest mode is active.

To protect your data, you'll be prompted to set a secure screen lock when you set up a guest.

Create a Guest Profile

Call Settings

Configure options for calling with your phone.

Call Rejection

Create and manage a list of phone numbers, to have your device automatically reject calls you receive from those numbers.

1. Press and tap **Apps** > **Settings**.
2. Tap **Call**, and then tap **Call rejection** to configure these options:
   - **Auto reject mode**: When All numbers is selected, calls from all numbers are rejected. When Auto reject numbers is selected, calls from numbers on the Auto reject list are rejected.

- **Auto reject list**: Enter telephone numbers, to reject calls from the numbers when Auto reject mode is turned on.

  - Tap **to** enter a telephone number, or select a number from a contact. Tap **Match criteria** to set options for using the reject number list.

  - Tap the check box beside **Unavailable** to reject calls with numbers that display “Unavailable” in Caller ID.

Set Up Call Rejection Messages

Create and manage text messages to send to callers when rejecting incoming calls. Messages you create here are available from the incoming call screen when you use the **Reject with message** option.

1. Press and tap **Apps** > **Settings**.
2. Tap **Call**, and then tap **Set up call rejection messages** to manage messages:
   - To create new messages, tap **Create**, and then follow the prompts.
   - To modify an existing message, tap the message, and then edit the text.

Answering/Ending Calls

Manage settings for answering and ending calls.

1. Press and tap **Apps** > **Settings**.
2. Tap **Call**, and then tap **Answering/ending calls** to configure these options:
   - **The home key answers calls**: When enabled, you can answer incoming calls by pressing the Home Key.
   - **Voice control**: When turned on, you can answer calls by speaking commands. Tap the **ON/OFF** switch to turn Voice control on, and then tap **Voice control** to configure the **Incoming calls** option. When enabled, you can answer or reject calls with the voice commands “Answer” and “Reject”. When you answer a call with a voice command, the Speaker will automatically turn on for hands-free calls.
   - **The power key ends calls**: When enabled, you can end calls by pressing the Power/Lock Key. In this case, pressing the power key during a call will not lock the screen.

Turn Off Screen During Calls

When enabled, the screen automatically turns off during phone calls, and the proximity sensor on the front of the device is used to turn the screen back on when the device is moved or brought close to another surface, such as when you move the device to your ear.

1. Press and tap **Apps** > **Settings**.

2. Tap **Call**, and then tap **Turn off screen during calls** to enable or disable the setting.

Call Alerts

Set options for sounds and vibrations to occur during calls.

1. Press and tap **Apps** > **Settings**.
2. Tap **Call**, and then tap **Call alerts** to configure settings:
   - **Vibrate on connection to network**: When enabled, your phone will vibrate when a call connects to the network.
   - **Call-end vibration**: When enabled, the phone vibrates when the other caller ends the call.
   - **Call connect tone**: When enabled, the phone plays a tone when the other caller answers a call.
   - **Minute minder**: When enabled, a tone plays once per minute during a call.
   - **Call end tone**: When enabled, the device plays a tone when the other caller ends the call.
   - **Alerts on call**: When enabled, notifications for alarms and new messages play during calls. When disabled, these notifications will be muted during a call.

Call Accessories

Configure options for using a headset for calling.

1. Press and tap **Apps** > **Settings**.
2. Tap **Call**, and then tap **Call accessories** to configure settings:
   - **Automatic answering**: When enabled, and you have a headset connected to the Headset Jack, incoming calls are answered automatically after a delay, which you can set at Automatic answering timer. Tap to enable or disable the setting.
   - **Automatic answering timer**: Choose a time period to delay before automatically answering an incoming call when Automatic answering is enabled and a headset is connected to the device. Tap to choose **2 seconds**, **5 seconds**, or **10 seconds**.
   - **Outgoing call conditions**: When the device is paired with a Bluetooth headset, you can choose to make calls even when the device is locked. Tap to choose **Even when device locked**, or **Only when device unlocked**.

Ringtones and Keypad Tones

Choose tones and vibrations to play for incoming calls and keypad taps.

1. Press and tap **Apps** > **Settings**.

2. Tap **Call**, and then tap **Ringtones and keypad tones**.
3. Configure settings:
   - Tap **Ringtones**, and then select a ringtone for incoming calls. Tap **OK** to save your selection.
   - Tap **Vibrations**, and then select a vibration pattern to play for incoming calls when the Vibrate when ringing option is enabled. You can tap **Create** to create a custom pattern. Tap **OK** to save the settings.
   - Tap **Vibrate when ringing** to play a vibration for incoming calls. The vibration pattern is set at the Vibrations setting.
   - Tap the check box beside **Dialing keypad tone** to enable or disable tones for keypad taps.

Personalize Call Sound

Choose options for call audio, in cases where you might need the sound softer or more clear, or optimized for your right or left ear.

1. Press and tap **Apps** > **Settings**.
2. Tap **Call**, and then tap **Personalize call sound**.
3. Tap a setting, and then configure options if available:
   - **Adapt sound**: Tap **Start**, and then follow the onscreen prompts to find the best sound for you.
   - **Soft sound**: Use softer sounds during calls.
   - **Clear sound**: Use clearer sounds during calls.
   - **Off**: Use the default call sound settings.

Noise Reduction

When enabled, Noise reduction suppresses background noise from your environment during calls.

1. Press and tap **Apps** > **Settings**.
2. Tap **Call**, and then tap **Noise reduction** to enable or disable noise reduction.

Increase Volume In Pocket

When enabled, this setting uses the proximity sensor to detect when the device is in a pocket or other close-fitting location such as a purse or bag, and increases the volume for incoming call ringtones.

1. Press and tap **Apps** > **Settings**.

2. Tap **Call**, and then tap the check box **Increase volume in pocket** to enable or the setting.

US Dialing

When enabled, the US dialing option replaces “+” with the international access code for your location.

1. Press and tap **Apps** > **Settings**.
2. Tap **Call**, and then tap the check box beside **US dialing** to enable or disable the setting.

International Dialing

When US dialing is enabled, it uses the International dialing code to replace “+”. US dialing must be disabled to access the International dialing code.

1. Press and tap **Apps** > **Settings**.
2. Tap **Call**, and then tap the check box beside **US dialing** to disable the setting. US dialing must be disabled to access the International dialing setting.
3. Tap **International dialing**, and then use the keypad to enter the international dialing code.
4. Tap **OK** to save the code.

TTY Mode

A TTY (teletypewriter, also known as a TDD or Text Telephone) is a telecommunications phone that allows people who are deaf, hard of hearing, or who have speech or language disabilities, to communicate by telephone.

Your phone is compatible with select TTY phones. Please check with the manufacturer of your TTY phone to ensure that it supports digital wireless transmission. Your phone and TTY phone will connect using a special cable that plugs into your phone’s headset jack. If this cable was not provided with your TTY phone, contact your TTY phone manufacturer to purchase the connector cable.

1. Press and tap **Apps** > **Settings**.
2. Tap **Call**, and then tap **TTY mode** to choose a mode, from **TTY Off**, **TTY Full**, **TTY HCO**, or **TTY VCO**.

DTMF Tones

Set the length of Dual-tone Multi-frequency (DTMF) tones, which play when you use the keypad during a call, such as when navigating menus.

1. Press and tap **Apps** > **Settings**.
2. Tap **Call**, and then tap **DTMF tones** to choose a tone length, from **Normal**, or **Long**.

Voicemail Settings

Set options for Visual Voicemail.

1. Press [redacted] and tap **Apps** > **Settings**.
2. Tap **Call**, and then tap **Voicemail settings** to configure options for voicemail.

Voice Privacy

When enabled, Voice privacy improves the security of voice calls.

1. Press [redacted] and tap **Apps** > **Settings**.
2. Tap **Call**, and then tap the check box beside **Voice privacy** to enable or disable enhanced privacy mode.

Hands-free Mode Settings

Configure settings for using your phone without touching it, such as announcing incoming calls and reading out messages.

1. Press [redacted] and tap **Apps** > **Settings**.
2. Tap **Hands-free mode**, and then tap the **ON/OFF** switch beside **Hands-free mode** to turn the feature on or off.
3. After you turn the feature on, you can configure options:
   - **Incoming call**: When enabled, your phone reads out the caller's information when you receive a call.
   - **Air call-accept**: When enabled, you can wave your hand over the screen to accept incoming calls.
   - **Message**: When enabled, your phone reads out the sender's information when you receive a message.
   - **Alarm**: When enabled, your phone reads out alarm information when an alarm sounds.
   - **Schedule**: When enabled, your phone reads out event information when a reminder sounds.

Power Saving Mode Settings

Configure Power saving mode settings to conserve battery power.

1. Press [redacted] and tap **Apps** > **Settings**.
2. Tap **Power saving mode** to configure options:

- Tap the **ON/OFF** switch beside **Power saving mode** to turn the mode on or off. Power saving mode must be turned on to configure settings.
- **CPU power saving**: When enabled, the maximum performance of the device's CPU (Central Processing Unit) is disabled to conserve battery power. Tap the check box beside the option to enable or disable it.
- **Screen power saving**: When enabled, the frame refresh rate and brightness level are reduced to conserve power. Tap the check box beside the option to enable or disable it.
- **Turn off haptic feedback**: When enabled, Haptic feedback is disabled to conserve battery power. Tap the check box beside the option to enable or disable it.

Note: Tap **Learn about power saving** to view information about these settings.

Accessory Settings

Configure your device's behavior when it is connected to an optional dock (not included).

1. Press and tap **Apps** > **Settings**.
2. Tap **Accessory** to configure settings:
   - **Dock**: Configure settings for connecting your phone to an optional dock accessory (not included).
     - **Dock sound**: When enabled, a sound plays when you insert and remove the device from the dock.
     - **Audio output mode**: When enabled, audio plays through the dock speakers when the device is docked.
     - **Desk home screen display**: When enabled, displays a special screen when the device is docked.
   - **S View Cover**: configure settings for using an optional S View cover accessory (not included):
     - **Automatic unlock**: When enabled, flipping a cover open automatically unlocks the screen, when no screen lock is enabled.
   - **HDMI**: Configure settings when you connect your phone to other devices via an optional HDMI cable (not included).
     - **Audio output**: Choose a destination for audio output when you connect to devices via HDMI cable.

Language And Input Settings

Use Language and input settings to choose a default language for your phone's operations, plus settings for text entry and other inputs.

Choose a Default Language

Choose the language for operating your phone.

1. Press and tap **Apps** > **Settings**.
2. Tap **Language and input**, and then tap **Language** to select a language.

Set a Default Input Method

The following procedure allows you to select and set the default method you will use when accessing the keyboard.

1. Press and tap **Apps** > **Settings**.
2. Tap **Language and input**, and then tap **Default** to select the default input method.

Samsung Keyboard Settings

The Samsung Keyboard is an onscreen QWERTY keyboard, so you can enter text by "typing" on the keyboard. Samsung keyboard is enabled by default, and you can choose options for using it.

1. Press and tap **Apps** > **Settings**.
2. Tap **Language and input**, and then tap beside **Samsung keyboard** to configure these options:
   - **Input languages**: Choose language(s) for use with Samsung keyboard. When you have more than one language enabled, you can slide your finger on the space bar while entering text to switch languages.
   - **Predictive text**: Tap the **ON/OFF** switch to turn predictive text on or off. Predictive text suggests words matching your text entries, and optionally, complete common words automatically. Tap **Predictive text** to configure options:
     - **Live word update**: When enabled, predictive text automatically updates with popular new words.
     - **Personalized data**: When enabled, predictive text uses personal language data you have entered to make better predictions. Samsung keyboard can collect all the text you enter, including personal data and credit card numbers, in order to give better prediction results.
     - **Learn from Facebook**: When Personalized data is enabled, you can log into Facebook to allow your device to learn from your Facebook postings.

- **Learn from Gmail**: When Personalized data is enabled, you can log into Gmail to allow your device to learn from your Gmail email.
- **Learn from Twitter**: When Personalized data is enabled, you can log into Twitter to allow your device to learn from your Twitter postings.
- **Learn from Messages**: When Personalized data is enabled, you can allow your device to learn from your text and multimedia messages.
- **Learn from Contacts**: When Personalized data is enabled, you can allow your device to learn from your Contacts entries.
- **Clear remote data**: Delete your anonymous information stored on the personalization server.
- **Clear personal data**: Remove all personalized data you have entered.
- **Privacy Policy**: Read the privacy policy.

▪ **Auto replacement**: When turned on, predictive text will complete or replace the word you are typing with the most probable word when you tap the Space bar or a punctuation mark.

▪ **Auto capitalization**: When enabled, predictive text automatically capitalizes words in your text based on common usage, such as at the beginning of sentences.

▪ **Auto spacing**: When enabled, predictive text automatically inserts spaces between words.

▪ **Auto punctuate**: When enabled, a period and space are automatically entered to end a sentence, when you tap the space bar twice.

▪ **Keyboard swipe**: When enabled, you can enter text by sliding your finger across the keys on the keyboard.

- **None**: When enabled, Samsung Keyboard will not accept text entry by swiping.
- **SwiftKey Flow**: When enabled, you can enter text by swiping your finger across the keyboard.
- **Cursor control**: When enabled, you can slide your finger across the keyboard to move the cursor to begin entering text.

▪ **Key-tap feedback**: Enable or disable options for sound or vibration feedback to your onscreen keyboard touches.

- **Sound**: When enabled, a sound plays for your key touches.
- **Vibration**: When enabled, a vibration plays for your key touches.
- **Character preview**: When enabled, the character appears in a bubble as you tap keys.

- **More settings**:
  - **Help**: Learn about Samsung Keyboard.
  - **Reset settings**: Return settings to the defaults.

Swype Settings

Swype is a new way to enter text on touch screens. Instead of touching each key individually, use your finger to trace over the letters of a word. For each word, place your finger on the first letter and glide to the subsequent letters, lifting on the last letter.

1. Press and tap **Apps** > **Settings**.
2. Tap **Language and input**, and then tap beside **Swype** to configure these options:
   - **Settings**: Set Swype options:
     - **Vibrate on keypress**: When enabled, the device vibrates for your Swype touches.
     - **Sound on keypress**: When enabled, the device plays sounds for your Swype touches.
     - **Pop-up on keypress**: When enabled, the characters display briefly as you tap keys.
     - **Show complete trace**: When enabled, Swype displays the trace of each word until you start the next word.
     - **Auto-capitalization**: When enabled, Swype automatically capitalizes the first word of sentences.
     - **Auto-spacing**: When enabled, Swype automatically inserts spaces between words as you complete them.
     - **Next word prediction**: When enabled, Swype predicts the next word based on the previous word.
     - **Show Voice key**: When enabled, a Voice input key displays on the Swype keyboard.
   - **Themes**: Configure options for the look and position of the keyboard.
     - **Landscape keyboard**: Choose the location and style of the keyboard when you rotate the phone to landscape orientation (on its side).
   - **Keyboard height**: Choose how tall the keyboard is, when the phone is in Portrait (upright) and Landscape (on its side) position.
   - **Word choice list font size**: Set the size of the text for the words Swype suggests as you enter text.
   - **My Words**: Choose options for customizing Swype based on your text entries.

- **Backup & Sync**: Use Swype Connect to back up your words.
- **Living Language**: When enabled, Swype will automatically update with popular new words.
- **Social integration**: Log into your favorite social networking sites to use your entries there to update Swype,
- **Edit my dictionary**: Modify words added to Swype.
- **Clear language data**: Delete all the words you've added to the Swype dictionary.
- **Contribute usage data**: Allow Nuance to collect usage data to provide better text prediction.
- **Cellular data**: When enabled, Swype can use your phone's connection to the wireless data network for updates, language downloads, and other Swype Connect features.

- **Languages**: Choose the current language for Swype, and download new languages to use with Swype.
- **Gestures**: Learn about shortcuts you can use on the keyboard to quickly accomplish common tasks.
- **Help**: Learn about using Swype.
  - **How to Swype**: Learn about using Swype.
  - **Show helpful tips**: When enabled, tips display on the screen as you enter text.
  - **Version**: Tap to see specific version information and Nuance Communications copyright.
- **Updates**: Check for updates to Swype, and install them if desired.

Google Voice Typing Settings

Google voice typing allows you to speak your entries. When you enable Google voice typing, it's available for use when you touch a field to enter text.

1. Press and tap **Apps** > **Settings**.
2. Tap **Language and input**, and then tap the check box beside **Google voice typing** to enable or disable the feature.
3. Tap beside **Google voice typing** to configure options:
   - **Choose input languages**: Choose language(s) for use with Google voice typing.

- **Block offensive words**: Tap the check box to control whether Google displays words generally recognized as offensive.
- **Offline speech recognition**: Download and install speech recognition engines, to allow you to use voice input while not connected to the network, such as during Airplane mode.

Voice Search Settings

Use Voice search to performs Google searches by speaking the criteria.

1. Press and tap **Apps** > **Settings**.
2. Tap **Language and input**, and then tap **Voice search** for these options:
   - **Language**: Choose a language for voice searching.
   - **Speech output**: Choose options for speech output.
   - **Block offensive words**: When enabled, words many people find offensive are not shown in results of Google voice searches. Offensive words are replaced in results with a placeholder (#####).
   - **Hotword detection**: When enabled, you can say “Google” to launch voice search.
   - **Offline speech recognition**: Download speech recognition, to enable voice input while offline.
   - **Personalized recognition**: Enable to have your device improve recognition based on your speech.
   - **Google account dashboard**: View and manage your collected data.
   - **Bluetooth headset**: Records audio through a Bluetooth headset, when using an optional Bluetooth headset (not included), paired with your phone.

Text-to-speech Options

Text-to-speech (TTS) provides audible readout of text, for example, the contents of text messages and the Caller ID for incoming calls.

1. Press and tap **Apps** > **Settings**.
2. Tap **Language and input**, and then tap **Text-to-speech options**:
   - **Preferred TTS engine**: Select Samsung text-to-speech engine, or Google Text-to-speech Engine. Tap to configure options.
   - **General**:
     - **Speech rate**: Choose a rate for text readouts.

- **Listen to an example**: Play an example of speech used for readouts.
- **Default language status**: View the status of language support for voice recognition.

Pointer Speed

This feature allows you to adjust the speed of the Mouse/trackpad.

1. Press [ ] and tap **Apps** > **Settings**.
2. Tap **Language and input**, and then tap **Pointer speed** to set the pointer speed. Tap **OK** to save your selection.

Motions and Gestures Settings

The Motion settings allow you to set up various Motion activation services.

1. Press [ ] and tap **Apps** > **Settings**.
2. Tap **Motions and gestures** to configure features. Tap the **ON/OFF** switch to turn a feature on or off. When a feature is on, tap the feature name to configure options:
   - **Air gesture**: When on, you can control your phone by making specific gestures above the sensor with your hand.
     - **Learn about sensor and icon**: View information about the Air gesture sensor and the icon that displays when air gestures are available.
     - **Quick glance**: When on, you can reach toward the device with the screen off to see important information at a glance.
     - **Air jump**: When on, you can scroll web pages in screen-sized jumps.
     - **Air browse**: When on, you can move between pictures, pages, or music tracks.
     - **Air move**: When on, you can move app shortcuts or Calendar events.
     - **Air call-accept**: When on, you can wave your hand over the screen to answer incoming calls.
   - **Motion**: When on, you can control your device with natural movements, like putting the device to your ear to call a displayed contact.
     - **Direct call**: When on, you can lift the device to your ear while viewing a contact to call the contact.
     - **Smart alert**: When on, you can lift the phone to receive notifications of missed calls and notifications that occurred while the device was stationary.
     - **Zoom**: When on, you can tilt the phone to zoom in or out when viewing pictures in Gallery.

- **Browse an image**: When on, you can move the phone in a side-to-side motion to pan from side to side while viewing an image.
- **Mute/pause**: When on, you can mute incoming calls and pause playback by turning the phone screen-side down.

▪ **Palm motion**: When on, you can control your device by touching the screen with the palm of your hand.

- **Capture screen**: When on, you can save a copy of the current screen to the clipboard by swiping the side of your hand across the screen.
- **Mute/pause**: When on, you can mute incoming calls and pause playback by covering the screen with your hand.

Smart Screen Settings

Use Smart screen options to have your phone automatically adjust screen timeout, rotation when it detects you are looking at the screen, and control scrolling and playback based whether you are facing the screen.

Smart screen options use the front camera to detect when you are facing the screen. Some factors that may affect the ability of the front camera to detect your face are:

- When the phone is not docked or held upright, for example when placed on a table.
- When the front camera cannot detect your face and eyes.
- When the front camera is being used for the current application.
- When the source of light is behind you, or when using the phone in the dark.

Smart Pause

When Smart pause is enabled, the phone will automatically pause video playback when you look away from the screen.

1. Press and tap **Apps** > **Settings**.
2. Tap **Smart screen**, and then tap the check box beside **Smart pause** to enable or disable the option.

Smart Scroll

When Smart scroll is enabled, the phone will scroll the screen display according to the tilt of the phone and your face.

1. Press and tap **Apps** > **Settings**.
2. Tap **Smart screen**, and then tap the **ON/OFF** switch beside **Smart scroll** to turn the feature on or off.

3. After you turn the feature on, tap **Smart scroll** to configure these options:
    - **Tilting head**: Scrolling follows the tilt of your head. Tilt your head backwards or forward, while keeping the phone steady.
    - **Tilting device**: Scrolling follows the tilt of the phone. Tilt the phone backwards or forward, while keeping your head steady.
    - **Speed**: Drag the slider to set the speed at which pages will scroll.
    - **Visual Feedback display**: When enabled, an icon will display when Smart scroll is in use.

Air View Settings

When Air view is turned on, the phone displays helpful information when you hover your finger over the screen.

1. Press and tap **Apps** > **Settings**.
2. Tap **Air view**, and then tap the **ON/OFF** switch beside **Air view** to turn the feature on or off.
3. After you turn the feature on, tap **Air view** to select what you see when you hover your finger over areas of the screen:
    - **Information preview**: When on, hovering over items displays information previews, extended text, or enlarged images, depending on the type of item.
    - **Progress preview**: When on, hovering over a progress bar, such as for video playback, displays a scene preview or elapsed playback time.
    - **Speed dial preview**: When on, hovering over a speed dial displays the name of the contact assigned to the speed dial.
    - **Webpage magnifier**: When on, hovering over a webpage magnifies the content under your finger.
    - **Sound and haptic feedback**: When enabled, the phone plays sound and vibrates when you hover over air view items.

Voice Control Settings

When Voice control is turned on, you can use voice commands to control your phone.

Note: If you set the alert type for calls or notifications to vibrate, voice command is not available.

1. Press and tap **Apps** > **Settings**.
2. Tap **Voice control**, and then tap the **ON/OFF** switch beside **Voice control** to turn the feature on or off.

3. After you turn the feature on, tap **Voice control** to set options:

   - **Incoming calls**: When enabled, you can answer or reject calls with the voice commands “Answer” and “Reject”. When you answer a call with the voice command, the Speaker will automatically be turned on for hands-free talking.
   - **Alarm**: When enabled, you can stop or snooze alarms with the voice commands “Stop” and “Snooze”.
   - **Camera**: When enabled, you can take pictures with the voice commands “Smile”, “Cheese”, “Capture” and “Shoot”.
   - **Music**: When enabled, you can control the music player with the voice commands “Next”, “Previous”, “Pause”, “Play”, “Volume Up”, and “Volume Down”.

Accounts Settings

When you set up accounts on your phone, such as your Google or Samsung accounts, and your email or social networking accounts, you can synchronize account information between your phone and the account. Types of information you can synchronize include contacts, pictures, videos, and other types of files.

You can also set up options for backing up information from your phone to the cloud, and back up or reset your device.

Add an Account

Add an account to your phone to share information between your phone and the account.

1. Press and tap **Apps** > **Settings**.
2. Tap **Add account**, and then choose a type of account.
3. Follow the prompts to enter your account credentials and complete the account set up.

Backup Options

Set up a backup account on your phone to save information from your phone to the account.

1. Press and tap **Apps** > **Settings**.
2. Tap an option to configure backup features:

   - **Cloud**: Configure options for synchronizing and backing up information.

     - Tap **Add account** to sign in to your Samsung account, or create a new Samsung account. You can sync contacts, calendar events, memos, and Internet shortcuts. You can back up Logs, SMS and MMS messages, and current wallpaper settings.
     - Tap **Link Dropbox account** to sign in to your Dropbox account, or set up a new account, to sync pictures, videos and documents.

- **Backup and reset**: Configure options for backing up data from your phone to a Google account.
  - **Back up my data**: Tap the check box to turn on automatic backup to a Google account, and then set up an account for the backups.
  - **Backup account**: When Back up my data is turned on, set up a Google account for backups. You can set up a new Google account, or sign in to an existing account.
  - **Automatic restore**: When Back up my data is turned on, you can also turn on Automatic restore to automatically restore settings and other information from the backup when you reinstall an app.
  - **Factory data reset**: Erase all your information from the phone, and return the settings to the factory defaults. All data will be erased, and cannot be recovered. A factory data reset also erases the key for decrypting files stored on an optional installed memory card, so files on the card cannot be used after the reset.

Security Settings

Configure options for securing information on your phone.

Encryption

You can encrypt accounts, settings, downloaded apps and their data, media, and other files. After encryption, you must enter the PIN or password you set each time you turn on your phone. You can also encrypt information stored on an optional installed memory card (not included).

Encryption may take an hour or more to complete. Start with a charged battery, and keep the device on the charger until encryption is complete. Interrupting the encryption process may result in the loss of some or all data.

1. Press and tap **Apps** > **Settings**.
2. Tap **Security**, and then tap an option:
   - **Encrypt device**: Tap **Set screen lock type** to start, and then follow the prompts to encrypt information.
   - **Encrypt external SD card**: Tap **Set screen lock type** to start, and then follow the prompts to encrypt information.

Passwords

Use the Make passwords visible setting to briefly display password characters as you enter them into password fields.

1. Press and tap **Apps** > **Settings**.

2. Tap **Security**, and then tap the check box beside **Make passwords visible** to enable or disable the setting.

Device Administration

Some applications, such as Corporate email, may require you allow access to your device by device administrators in certain circumstances, such as if your device is lost or stolen.

Some features a device administrator might control include:

- Setting the number of failed password attempts before the device is restored to factory settings.
- Automatically locking the device.
- Restoring factory settings on the device.

- Press and tap **Apps** > **Settings**.

1. Tap **Security**, and then tap an option:
   - **Device administrators**: Tap to view, add, or remove device administrators.
   - **Unknown sources**: Tap the check box to enable or disable your phone's ability to install apps from sources other than Google Play Store.
   - **Verify apps**: Tap the check box to enable or disable a warning before installing apps that may cause harm.
   - **Change security level**: Choose a security level for device administration.

Security Update Service

Choose options for updating your phone's security policy.

1. Press and tap **Apps** > **Settings**.
2. Tap **Security**, and then tap an option:
   - **Security policy updates**: When enabled, your phone will automatically check for changes to the security policy and download any updates, to improve security and service.
   - **Send security reports**: When enabled, your phone will only send security reports to Samsung when it is connected to a Wi-Fi network.

Credential Storage

You can install credentials from an optional installed memory card (not included), and use the Credential storage settings to allow applications to access the security certificates and other credentials.

1. Press and tap **Apps** > **Settings**.

2. Tap **Security**, and then tap an option:

   - **Storage type**: Select a storage type to store data in key-value pairs, on the device memory, in a private database, or your own network server.
   - **Trusted credentials**: Tap to view credentials you've installed.
   - **Install from phone storage**: Tap to install encrypted certificates from an optional installed memory card (not included).
   - **Clear credentials**: Tap to clear stored credentials and reset the password (only available when credentials are installed).

Application Manager Settings

You can download and install applications from the Google Play Store or Samsung Apps, or create applications using the Android SDK and install them on your device. Use Application manager to manage applications on your device.

Warning: Because this device can be configured with system software not provided by or supported by Google or any other company, end-users operate these devices at their own risk.

1. Press and tap **Apps** > **Settings**.
2. Tap **Application manager** to view app status. While in Application manager, you can use these options:

   - Tap **Downloaded**, **SD Card**, **Running**, or **All** to view the status of apps and services. Tap an app or service for more information, and for app options, such as stopping and uninstalling.
   - Tap for other options, including sorting by app size or name, or resetting app preferences.

Default Applications Settings

If you have installed multiple apps that perform the same kind of task, for example more than one messaging app, you can choose the app you want to use as the default.

1. Press and tap **Apps** > **Settings**.
2. Tap **Default applications** to configure options:

   - **Home**: Choose a default home screen mode.
   - **Message**: Choose a default app for messaging (SMS and MMS).

Battery Settings

See what's using battery power.

1. Press [ ] and tap **Apps** > **Settings**.
2. Tap **Battery** to view battery usage for apps and services. Tap an item for more information, or to configure options for managing power use.

Storage Settings

Manage the use of memory resources in your phone's Device memory, and on an optional installed memory card (not included).

1. Press [ ] and tap **Apps** > **Settings**.
2. Tap **Storage** to view information about memory usage, and for other options:
   - **Device memory**: View memory usage for the different types of information stored on your phone's memory. Tap an item for more information.
   - **SD card**: View memory usage for the different types of information stored on an optional installed memory card (not included).
     - **Mount SD card**: Prepare an optional installed memory card for use as storage in the phone. This option is only available if an optional memory card is installed, and is not already mounted. Usually, your phone mounts a memory card as soon as you install it.
     - **Unmount SD card**: Prepare an optional installed memory card for safe removal or formatting.
     - **Format SD card**: Permanently remove all content from an optional installed memory card. After formatting, the content cannot be retrieved.

Date and Time Settings

By default, your device receives date and time information from the wireless network. When you are outside network coverage, you may want to set date and time information manually using the Date & time settings.

1. Press [ ] and tap **Apps** > **Settings**.
2. Tap **Date and time** to configure settings:
   - **Automatic date and time**: When enabled, the device takes date and time updates from the wireless network.
   - **Set date**: Enter the current date (only available when Automatic date and time is disabled).
   - **Set time**: Enter the current time (only available when the Automatic setting is disabled).
   - **Automatic time zone**: When enabled, the device takes the time zone from the wireless network.

- **Select time zone**: Choose your local time zone (only available when the Automatic setting is disabled).
- **Use 24-hour format**: Set the format for time displays.
- **Select date format**: Set the format for date displays.

Activate This Device

Connect to the network and activate your device. If your device is already activated, use this option to view information about your plan and usage.

1. Press and tap **Apps** > **Settings**.
2. Tap **Activate this device**, and then follow the prompts to activate your device on the network.

System Update Settings

Use System update options to update your phone's internal software.

1. Press and tap **Apps** > **Settings**.
2. Tap **System Update** to use these options:
   - **Update PRL**: Download and the latest Preferred Roaming List (PRL), used by your phone to access the network.
   - **Update Profile**: Update the user profile related to your wireless service account. If you choose to change your user name online, use this option to update the user name on your phone.
   - **Update Samsung Software**: Upgrade to the latest software available for your device.
   - **Update Firmware**: Update your phone's firmware. Follow the prompts to download and install the update.
   - **UICC Unlock**: Unlock your device's Universal Integrated Circuit Card.

About Device Settings

View information about your device, including status, legal information, hardware and software versions, and a tutorial.

1. Press and tap **Apps** > **Settings**.
2. Tap **About device**, and then tap items for more details:
   - **Software version**: View your phone's software version.

- **Hardware version**: View the hardware version of your device.
- **Status**: View information about your device's current status.
- **Legal information**: Display open source licenses, Google legal information, a privacy alert, and configure license settings, including your DivX® VOD registration.
- **Device name**: View your device's name, and enter a new name if desired.
- **Model number**: View your device's model number.
- **Android version**: View the firmware version of your device.
- **Baseband version**: View the baseband version of your device.
- **Kernel version**: View the kernel version of your device.
- **Build number**: View the build number of your device.
- **SE for Android status**: View your device's current status.
- **Secure boot status**: View your device's secure boot status.

When your Device is Wet

Do not turn on your device if it is wet. If your device is already on, turn it off and remove the battery immediately (if the device will not turn off or you cannot remove the battery, leave it as-is). Then, dry the device with a towel and take it to a service center.

FCC Hearing Aid Compatibility (HAC) Regulations for Wireless Devices

The U.S. Federal Communications Commission (FCC) has established requirements for digital wireless mobile devices to be compatible with hearing aids and other assistive hearing devices.

When individuals employing some assistive hearing devices (hearing aids and cochlear implants) use wireless mobile devices, they may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and mobile devices also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless mobile devices to assist hearing device users find mobile devices that may be compatible with their hearing devices. Not all mobile devices have been rated. Mobile devices that are rated have the rating on their box or a label located on the bo

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated mobile device successfully. Trying out the mobile device with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Wireless mobile devices rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than mobile devices that are not labeled. M4 is the better/higher of the two ratings. M-ratings refer to enabling acoustic coupling with hearing aids that do not operate in telecoil mode.

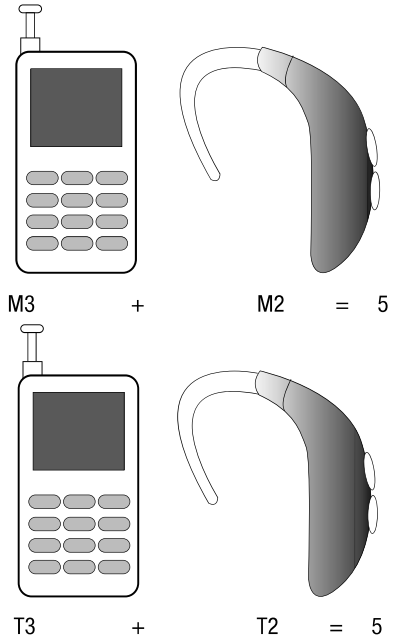
T-Ratings: Mobile devices rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than mobile devices that are not labeled. T4 is the better/higher of the two ratings. T-ratings refer to enabling inductive coupling with hearing aids operating in telecoil mode.

Hearing devices may also be rated. Your hearing aid manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise.

Under the current industry standard, American National Standards Institute (ANSI) C63.19, the hearing aid and wireless mobile device rating values are added together to indicate how usable they are together. For example, if a hearing aid meets the M2 level rating and the wireless mobile device meets the M3 level rating, the sum of the two values equals M5.

Under the standard, this should provide the hearing aid user with normal use while using the hearing aid with the particular wireless mobile device. A sum of 6 or more would indicate excellent performance.

However, these are not guarantees that all users will be satisfied. T ratings work similarly.



The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

HAC for Newer Technologies

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids.

It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider or the manufacturer of this phone for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or phone retailer.

Restricting Children's Access to Your Mobile Device

Your mobile device is not a toy. Do not allow children to play with it because they could hurt themselves and others, damage the mobile device, or make calls that increase your mobile device bill.

Keep the mobile device and all its parts and accessories out of the reach of small children.

FCC Notice and Cautions

FCC Notice

The mobile device may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the mobile device if such interference cannot be eliminated. Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association.

Cautions

Any changes or modifications to your mobile device, not expressly approved by Samsung, could void your warranty for this equipment and void your authority to operate this equipment. Only use approved batteries, antennas, and chargers. The use of any unauthorized accessories may be dangerous and void the mobile device warranty if said accessories cause damage or a defect to the mobile device.

Although your mobile device is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending, or sitting on it.

This device is capable of operating in Wi-Fi mode in the 2.4 and 5 GHz bands. The FCC requires that devices operating within 5.15-5.25 GHz may only be used indoors, not outside, in order to avoid interference with Mobile Satellite Services (MSS). Therefore, do not use this device outside as a Wi-Fi hotspot or in Wi-Fi Direct mode outside when using the 5.15-5.25 GHz band.

This section outlines the safety precautions associated with using your phone. The terms “mobile device” or “cell phone” are used in this section to refer to your phone. **Read this information before using your mobile device.**

Exposure to Radio Frequency (RF) Signals

The U.S. Food and Drug Administration (FDA) has published information for consumers relating to Radio Frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

Do cell phones pose a health hazard?

Many people are concerned that cell phone radiation will cause cancer or other serious health hazards. The weight of scientific evidence has not linked cell phones with any health problems.

Cell phones emit low levels of Radio Frequency (RF) energy. Over the past 15 years, scientists have conducted hundreds of studies looking at the biological effects of the radio frequency energy emitted by cell phones. While some researchers have reported biological changes associated with RF energy, these studies have failed to be replicated. The majority of studies published have failed to show an association between exposure to radio frequency from a cell phone and health problems.

The low levels of RF cell phones emit while in use are in the microwave frequency range. They also emit RF at substantially reduced time intervals when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects.

The biological effects of radio frequency energy should not be confused with the effects from other types of electromagnetic energy.

Very high levels of electromagnetic energy, such as is found in X-rays and gamma rays, can ionize biological tissues. Ionization is a process where electrons are stripped away from their normal locations in atoms and molecules. It can permanently damage biological tissues including DNA, the genetic material.

The energy levels associated with radio frequency energy, including both radio waves and microwaves, are not great enough to cause ionization of atoms and molecules. Therefore, RF energy is a type of non-ionizing radiation. Other types of non-ionizing radiation include visible light, infrared radiation (heat), and other forms of electromagnetic radiation with relatively low frequencies.

While RF energy does not ionize particles, large amounts can increase body temperatures and cause tissue damage. Two areas of the body, the eyes and the testes, are particularly vulnerable to RF heating because there is relatively little blood flow in them to carry away excess heat.

Research Results to Date: Is there a connection between RF and certain health problems?

The results of most studies conducted to date say no. In addition, attempts to replicate and confirm the few studies that have shown a connection have failed.

The scientific community at large therefore believes that the weight of scientific evidence does not show an association between exposure to Radio Frequency (RF) from cell phones and adverse health outcomes. Still the scientific community has supported additional research to address gaps in knowledge. Some of these studies are described below.

Interphone Study

Interphone is a large international study designed to determine whether cell phones increase the risk of head and neck cancer. A report published in the International Journal of Epidemiology (June, 2010) compared cell phone usage for more than 5,000 people with brain tumors (glioma and meningioma) and a similar number of healthy controls.

Results of this study did NOT show that cell phones caused brain cancer. In this study, most people had no increased risk of brain cancer from using cell phones. For people with the heaviest use of cell phones (an average of more than ½ hour per day, every day, for over 10 years) the study suggested a slight increase in brain cancer.

However, the authors determined that biases and errors prevented any conclusions being drawn from this data. Additional information about Interphone can be found at http://www.iarc.fr/en/media-centre/pr/2010/pdfs/pr200_E.pdf.

Interphone is the largest cell phone study to date, but it did not answer all questions about cell phone safety. Additional research is being conducted around the world, and the FDA continues to monitor developments in this field.

International Cohort Study on Mobile Phone Users (COSMOS)

The COSMOS study aims to conduct long-term health monitoring of a large group of people to determine if there are any health issues linked to long-term exposure to radio frequency energy from cell phone use. The COSMOS study will follow approximately 300,000 adult cell phone users in Europe for 20 to 30 years. Additional information about the COSMOS study can be found at http://www.ukcosmos.org/indehtml.

Risk of Brain Cancer from Exposure to Radio Frequency Fields in Childhood and Adolescence (MOBI-KIDS)

MOBI-KIDS is an international study investigating the relationship between exposure to radio frequency energy from communication technologies including cell phones and brain cancer in young people. This is an international multi-center study involving 14 European and non-European countries. Additional information about MOBI-KIDS can be found at http://www.creal.cat/programes-recerca/en_projectes-creal/view.php?ID=39.

Surveillance, Epidemiology, and End Results (SEER) Program of the National Cancer Institute

The National Cancer Institute (NCI) actively follows cancer statistics in the United States to detect any change in rates of new cases for brain cancer. If cell phones play a role in risk for brain cancer, rates should go up, because heavy cell phone use has been common for quite some time in the U.S. Between 1987 and 2005, the overall age-adjusted incidence of brain cancer did not increase. Additional information about SEER can be found at http://seer.cancer.gov/.

Cell Phone Industry Actions

Although the existing scientific data do not justify FDA regulatory actions, the FDA has urged the cell phone industry to take a number of steps, including the following:

- Support-needed research on possible biological effects of RF for the type of signal emitted by cell phones;
- Design cell phones in a way that minimizes any RF exposure to the user; and
- Cooperate in providing users of cell phones with the current information on cell phone use and human health concerns.

The FDA also is working with voluntary standard-setting bodies such as the Institute of Electrical and Electronics Engineers (IEEE), the International Commission on Non-Ionizing Radiation Protection (ICNIRP), and others to assure that safety standards continue to adequately protect the public.

Reducing Exposure: Hands-Free Kits and Other Accessories

Steps to Reduce Exposure to Radio Frequency Energy

If there is a risk from being exposed to radio frequency energy (RF) from cell phones - and at this point we do not know that there is - it is probably very small. But, if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your RF exposure.

- Reduce the amount of time spent using your cell phone;
- Use speaker mode or a headset to place more distance between your head and the cell phone.

Hands-Free Kits

Hands-free kits may include audio or Bluetooth® headsets and various types of body-worn accessories such as belt-clips and holsters. Combinations of these can be used to reduce RF energy absorption from cell phones.

Headsets can substantially reduce exposure because the phone is held away from the head in the user's hand or in approved body-worn accessories. Cell phones marketed in the U.S. are required to meet RF exposure compliance requirements when used against the head and against the body.

Because there are no known risks from exposure to RF emissions from cell phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used for convenience and comfort. They are also required by law in many states if you want to use your phone while driving.

Cell Phone Accessories that Claim to Shield the Head from RF Radiation

Because there are no known risks from exposure to RF emissions from cell phones, there is no reason to believe that accessories which claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone.

Studies have shown that these products generally do not work as advertised. Unlike “hands-free” kits, these so-called “shields” may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption.

Children and Cell Phones

The scientific evidence does not show a danger to any users of cell phones from RF exposure, including children and teenagers. The steps adults can take to reduce RF exposure apply to children and teenagers as well.

- Reduce the amount of time spent on the cell phone;
- Use speaker mode or a headset to place more distance between the head and the cell phone.

Some groups sponsored by other national governments have advised that children be discouraged from using cell phones at all. For example, The Stewart Report from the United Kingdom made such a recommendation in December 2000. In this report, a group of independent experts noted that no evidence exists that using a cell phone causes brain tumors or other ill effects. Their recommendation to limit cell phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (updated 10/1/2010):

- FCC RF Safety Program:
  http://www.fcc.gov/oet/rfsafety/.

- Environmental Protection Agency (EPA): http://www.epa.gov/radtown/wireless-tech.html.
- Occupational Safety and Health Administration (OSHA): http://www.osha.gov/SLTC/radiofrequencyradiation/. (Note: This web address is case sensitive.)
- National Institute for Occupational Safety and Health (NIOSH): http://www.cdc.gov/niosh/.
- World Health Organization (WHO): http://www.who.int/peh-emf/en/.
- International Commission on Non-Ionizing Radiation Protection: http://www.icnirp.de.
- Health Protection Agency: http://www.hpa.org.uk/Topics/Radiation/.
- US Food and Drug Administration: http://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellPhones/default.htm.

Specific Absorption Rate (SAR) Certification Information

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for Radio Frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government.

These FCC RF exposure limits are derived from the recommendations of two expert organizations: the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The RF exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC SAR limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum reported value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output of the phone.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the SAR limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC. For body-worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the mobile device a minimum of 1.5 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines. The FCC has granted an Equipment Authorization for this mobile device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. This mobile phone has a FCC ID number: A3LSMG900P and the specific SAR levels for this mobile phone can be found at the following FCC website: http://www.fcc.gov/oet/ea/.

The SAR information for this device can also be found on Samsung's website: http://www.samsung.com/sar.

SAR information on this and other model phones can be accessed online on the FCC's website through http://transition.fcc.gov/oet/rfsafety/sar.html. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone. Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone.

Additional SAR information can also be obtained at http://www.fcc.gov/encyclopedia/specific-absorption-rate-sar-cellular-telephones.

FCC Part 15 Information to User

Pursuant to part 15.21 of the FCC Rules, you are cautioned that changes or modifications not expressly approved by Samsung could void your authority to operate the device.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Commercial Mobile Alerting System (CMAS)

This device is designed to receive Wireless Emergency Alerts from CMAS. If your wireless provider has chosen to participate in CMAS, alerts are available while in the provider's coverage area. If you travel outside your provider's coverage area, wireless emergency alerts may not be available. For more information, please contact your wireless provider.

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Appearance of device may vary.

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