

## Safety guidelines

**Warning!** The Intel<sup>®</sup> PRO/Wireless GPRS 3110 series PC Card starts transmitting signals as soon as you insert the card and [turn on the PC Card power](#). [Turn OFF the PC Card power](#) if you are located where radio signals from the card might interfere with the safe operation of machinery or vehicles. Medical equipment or devices such as pacemakers and hearing aids, inadequately shielded electronic systems in motor vehicles, along with navigation equipment in aircraft are among those sensitive to radio frequencies. Observe all posted warnings and manufacturer's safety guidelines regarding the use of equipment that transmits radio signals or equipment that is sensitive to radio signal transmissions. Failure to comply with these guidelines can be dangerous or illegal.

This device has been designed and tested to perform in the Laptop PC environment. The current regulatory approvals have been obtained using this application and it is not recommended that it be used in other platforms such as PADs and PDAs.

### See also:

[Stop transmitting radio signals](#)

[Exposure to radio frequency energy](#)

[Product operation and care guidelines](#)

[Safe operation of a wireless communication device](#)

\*Other names and brands may be claimed as the property of others.

## Product overview

The Intel<sup>®</sup> PRO/Wireless GPRS 3110 PC Card and [Intel<sup>®</sup> PRO/Wireless Communication Manager](#) provide mobile users with all-the-time, everywhere access to information at speeds up to that of traditional analog modems—without wires or the inconvenience of dial-up modem connections.

The PC Card allows you to [connect to your network service provider](#) from anywhere within your coverage area. Once you are connected to your network service provider, you can:

- [Connect to the Internet](#) or [your workplace](#), so you can check email, surf the Web, and so on. You can maintain a constant connection at speeds up to 53.6 Kbps.
- [Send and receive instant text messages](#) just like you can with a pager or mobile phone.
- [Make and receive voice calls](#) just like you can with a mobile phone.

**Important:** Once you insert the PC Card into your computer and turn on your PC Card power, the PC Card transmits radio signals. If you want to stop transmitting radio signals, for example, if you are traveling by airplane, [turn off the PC Card power](#). You can also [remove the PC Card](#) from your computer. Note that if you close the Communication Manager software, it does not turn off the PC Card power.

This device has been designed and tested to perform in the Laptop PC environment. The current regulatory approvals have been obtained using this application and it is not recommended that it be used in other platforms such as PADs and PDAs.

\*Other names and brands may be claimed as the property of others.

## Configure security settings

To prevent others from using your GPRS PC Card, you may set a password or Personal Identification Number (PIN). **Important:** The card locks if you type the wrong PIN three times in a row. If you lock the card, you need the [SIM](#) PUK (Personal Unlock Key) from your service provider to unlock it.

The GPRS PC Card can use the same SIM as your mobile phone. If your mobile phone and PC Card share the same SIM and you change the PIN, you must use the new PIN to unlock your phone when you transfer the SIM back to it.

**To set a PIN for your PC Card**

1. On the main screen, click **Settings**.
2. On the Intel<sup>®</sup> PROSet dialog box, click the **Providers** tab.
3. In the Personal Identification Number section, click **Configure**. The PIN Settings dialog box appears.
4. In the Enable PIN Protection section, select **On (PIN Required)**.
5. If you do not want to type the PIN every time you turn on the card, in the Remember my PIN section, select the **Remember my PIN** check box.
6. In the Change my PIN section, click **Change PIN**. In the Change PIN dialog box, type your PIN, confirm it, and click **OK**.
7. Click **OK** to close the PIN Settings dialog box.
8. To close the Intel PROSet dialog box, click **OK**.

## Connections overview

Use the Connections tab to:

- [Turn on your PC Card power](#), which connects you to your network service provider (similar to turning on your mobile phone). Once you are connected to the network, you can make and receive voice calls, send and receive text messages, and connect to the Internet.
- [Turn off your PC Card power](#) when you want to disconnect from your network service provider. At times you may be required to turn off the PC Card power (stop transmitting radio signals), for example, when traveling by airplane. However, most of the time you can leave your PC Card power on (just like your mobile phone) so you can quickly connect to the Internet, send and receive text messages, and make and receive phone calls. When your computer goes into a standby state, your GPRS PC Card will automatically turn off its power; the GPRS PC Card will turn on its power again when the computer "wakes up".
- [Connect to the Internet](#) (establish a data connection) at speeds up to 53.6 Kbps. Once you insert the PC Card into your computer and connect to your network service provider, you can establish a data connection. The data connection works just like a typical dial-up modem connection, but the connection is wireless. You can connect to the Internet or to your [workplace](#). Once you are connected, use your regular software to take advantage of your connection. For example, use your Internet browser to surf the Web or your email application to send email.
- [Track the number of bytes you have transmitted and received](#) over a certain period of time. This information is useful if your service plan permits you to send a certain number of bytes and you want to track your Internet usage for billing purposes.

### See also:

[Connect to the network](#)

[Disconnect from the network](#)

[Connect to the Internet](#)

[Connect to your workplace](#)

[Disconnect from the Internet](#)

[Monitor your Internet usage](#)

\*Other names and brands may be claimed as the property of others.

## Connect to the network

When you turn on the PC Card power, the system connects to your network service provider. Once you are connected to the network, you can [connect to the Internet](#), [send](#) and [receive](#) text messages, and [make](#) and [receive](#) phone calls.

**Note:** If you set the PC Card power to *On*, the system automatically connects to your network service provider when you insert the PC Card into your computer.

### To turn on the PC Card power and connect to the Internet

1. Turn up the antenna on the PC Card.
2. Click the **Connections** tab.
3. At the GPRS PC Card Power option, click **On**. While the system is connecting, a red light blinks on the PC Card. Once you are connected to the network, the red light stops blinking and "Network Ready" appears in the status area.

**Tip:** You can also turn on the PC Card power by right-clicking the [system tray icon](#) , selecting **Intel(R) PRO/Wireless GPRS 3110 PC Card**, and then selecting **Card On**.

### See also:

[Disconnect from the network](#)  
[Connect to the Internet](#)  
[Send and receive text messages](#)  
[Make and receive calls](#)  
[Safety guidelines](#)  
[Exposure to radio frequency energy](#)  
[Product operation and care guidelines](#)  
[Safe operation of a wireless communication device](#)

\*Other names and brands may be claimed as the property of others.

## Disconnect from the network (required for air travel)

To disconnect from your service provider and stop transmitting radio signals (required when traveling by airplane), you must turn off the PC Card power. Once you disconnect from your service provider, you cannot send or receive text messages, make or receive phone calls, or connect to the Internet.

**Note:** Closing the Intel<sup>®</sup> PRO/Wireless Communication Manager software does not stop radio signal transmissions.

### To turn off the PC Card power and disconnect from the network

1. Click the **Connections** tab.
2. At the GPRS PC Card Power option, click **Off**. The light on the PC Card turns off.

**Tip:** You can also turn off the PC Card and disconnect from the Internet by right-clicking the [system tray icon](#) , selecting **Intel(R) PRO/Wireless GPRS 3110 Card**, and then selecting **Device Off**, or simply [removing the PC Card](#).

### See also:

[Connect to the network](#)  
[Remove the PC Card](#)  
[Safety guidelines](#)  
[Exposure to radio frequency energy](#)  
[Product operation and care guidelines](#)  
[Safe operation of a wireless communication device](#)

\*Other names and brands may be claimed as the property of others.

## Connect to the Internet

Once you are [connected to your network service provider](#), you can connect to the Internet at speeds up to 53.6 Kbps.

1. Click the **Connections** tab.
2. At the Connect to Internet when available option, click **Yes**.
  - The system connects to the Internet. Once connected, a green light appears on the PC Card.
  - If an Internet connection is not available, the system continues to try to connect and notifies you when a connection is established.
  - If you leave this option set to Yes, any time you insert the PC Card (and the PC Card power is on), the system will automatically connect to the Internet.

\*Other names and brands may be claimed as the property of others.

## Disconnect from the Internet

If you disconnect from the Internet, you can still make and receive calls and send and receive text messages (assuming the PC Card power is on and you are still connected to the network service provider).

### To disconnect from the Internet

1. Click the **Connections** tab.
2. At the Connect to Internet when available option, click **No**.

The system disconnects from the Internet. The system will not connect to the Internet until you set this option to Yes.

\*Other names and brands may be claimed as the property of others.

## Connect to your workplace

If you work remotely, you most likely connect to your workplace network through the Internet with VPN (Virtual Private Network) software or through a dial-up connection using your modem. With your wireless PC Card, you can continue to use these methods to connect to your workplace.

Dial-up networking may not be available in all areas. A dial-up connection allows you to connect at speeds up to 9.6 Kbps.

For more information about connecting to your workplace, contact the network administrator at your workplace.

### To connect to your workplace through the Internet with VPN

1. [Connect to your network service provider](#), and then [connect to the Internet](#).
2. Use your VPN software to connect to your workplace as you normally do.

### To connect to your workplace with Dial-Up Networking

1. [Connect to your network service provider](#).
2. Click **Start > Programs > Accessories > Communications > Network and Dial-up Connections**. The Network and Dial-up Connections dialog box appears.
3. Right-click the Dial-Up Connection icon you have created for calling your workplace, and then click **Properties**. (For more information about Dial-Up Connections and how to configure them, see the Microsoft Windows\* online Help.)
4. On the General tab in the Connect Using section, select the check box for the Intel<sup>®</sup> PRO/Wireless GPRS PC Card modem, and then click **OK**.
5. To connect to your workplace, double-click the Dial-up Connection icon for your workplace as you normally do.

\*Other names and brands may be claimed as the property of others.

## Monitor your Internet usage

While you are connected to the Internet, you are transmitting and receiving bytes. If your service plan permits

you to send and receive a specific amount of bytes, it is useful to track the number of bytes you have transmitted and received over a specified period of time.

**Note:** The data in the software may not exactly correspond to the data published on your bill.

### To monitor the bytes you send and receive

1. Click the **Connections** tab.
2. Review the **KBytes Transmitted** and **KBytes Received** information. To reset the counter, click the **Reset** button.

\*Other names and brands may be claimed as the property of others.

### Remove the PC Card

We recommend that you always stop the Intel<sup>®</sup> PRO/Wireless GPRS 3110 PC Card device **before** you remove the card from the computer. This helps ensure optimum performance from your card and system.

### To stop the device and remove the PC Card

1. In the system tray on the lower-right corner of your computer, find the icon labeled:
  - **Unplug or Eject Hardware**, a green arrow icon with a PC Card below it (Windows\* 2000 and Me).
  - **Safely Remove Hardware**, a green plug and gray card icon (Windows XP).
  - **PC Card (PCMCIA) Status**, a PC Card icon (Windows 98 SE).
2. Click the icon. Options for stopping devices appear.
3. Click **Stop Intel<sup>®</sup> PRO Wireless GPRS 3110 PC Card (MF Device)**. A Safe to Remove Hardware prompt appears.
4. Click **OK**. It is now safe to remove the PC Card from the slot.

\*Other names and brands may be claimed as the property of others.

### Change your primary network service provider

1. On the main screen, click **Settings**.
2. On the Intel<sup>®</sup> PROSet dialog box, click the **Providers** tab.
3. In the Network Provider section, click **Configure**. The Network Provider Settings dialog box appears.
4. In the Network Service Provider section, select the provider you want to use. **Note:** Your selection here also becomes your service provider for your Internet (data) connection.
  - Select the provider from the drop-down list.
  - If your provider is not on the list, select **Not Listed**. You must manually configure your network service provider information (the settings appear after you click **OK**).
5. Click **OK**. If you selected Not Listed, the Advanced Provider Settings dialog box appears. Call your network service provider to help you enter the specific information requested in this dialog box, and

then click **OK**.

6. To close the Intel PROSet dialog box, click **OK**.

\*Other names and brands may be claimed as the property of others.

## Change your network service provider for roaming

When you travel outside your home network, or "roam," the system uses another service provider so you can stay connected to the network. The system automatically selects an appropriate service provider; however, you can specify which network service provider you want to use for roaming.

### To select a provider for roaming

1. On the main screen, click **Settings**.
2. On the Intel<sup>®</sup> PROSet dialog box, click the **Providers** tab.
3. In the Network Provider section, click **Configure**. The Network Provider Settings dialog box appears.
4. In the Roaming Provider Selection section, select **Manual**, and then click **Search**. It may take several seconds to display the providers available for roaming. Once the providers appear, select the provider you want to use for roaming.
5. Click **Select**.
6. To close the Intel PROSet dialog box, click **OK**.

\*Other names and brands may be claimed as the property of others.

## Change your regional location

Your GPRS PC Card uses different radio frequencies in different regions of the world. If you travel from one region to another, for example, Europe to the United States, and you notice that you are unable to connect to a network provider, you may need to manually set your region.

### To change your region setting

1. On the main screen, click **Settings**.
2. On the Intel<sup>®</sup> PROSet dialog box, click the **Providers** tab.
3. In the Network Provider section, click **Configure**. The Network Provider Settings dialog box appears.
4. In the Region Selection section, click **Configure**. The Change Region Settings dialog box appears.
5. Select the region in which you are currently using your PC Card, and then click **OK**.
6. To close the Intel PROSet dialog box, click **OK**.

\*Other names and brands may be claimed as the property of others.

## Text Messages overview

Once you are [connected to your network service provider](#), use the Messages tab to:

- Write a short text message and [send](#) it to someone. If the system is unable to deliver a message, the message is stored in the Outbox folder so you can send it later (or delete the message if you no longer want to send it).
- [Forward](#) a message or [reply](#) to it.
- [Read messages](#) you have received. New messages appear in the Inbox folder. You can read messages even if you are not connected to your network service provider.
- View messages you have sent to others. Messages you have sent appear in the Sent folder.
- Open the Phone Book to [store contact information](#) and quickly address a text message.

### See also:

[Customize the "new message" notifications](#)

[Subscribe to a broadcast messaging service](#)

\*Other names and brands may be claimed as the property of others.

## Send a message

Once you are [connected to your network service provider](#), you can send and receive text messages.

You can send a text message to one person at a time. Make sure the person to whom you are sending the message can [accept data messages](#). Note that you send text messages to phone numbers; you cannot send a text message to an email address.

### To send a text message

1. Click the **Messages** tab, and then click **New**. The New Message dialog box appears.
2. Either type the phone number of the recipient in the text box or click the Phone Book button to select the recipient from the list:
  - In the Phone Book, type one or several characters of the person's name in the Type Name or Select from List text box. A list of names with that character sequence displays in the box below. Slide the scroll bar down to browse through the list. If you find the recipient's name, select it and click **OK**.
  - If your search fails to find the recipient's name and you want to view the entire phone book list, delete all characters in the Type Name or Select from List text box. The entire list appears in the box below. Select the recipient's name, and click **OK**.
3. Type a short note in the Message box, and then click **Send Message**.
4. At the notification of the successful transmission of your message, click **OK**.

**Note:** Messages that are not sent due to transmission errors or a weak transmission signal are filed in your Outbox so you can resend them later. If the message cannot be sent at this time, you can send it later by clicking **Outbox**, and then clicking the **Send All** button.

\*Other names and brands may be claimed as the property of others.

## Read messages



Once you are [connected to your network service provider](#), you can receive text messages. Depending on how you have [set your new message notifications](#), when you receive a message either you see a "new message" dialog box, you hear a sound, or both occur.

Like messages in your email Inbox at the office, with text messages, you can reply to them, forward them, or delete them.

### To view messages

1. Click the **Messages** tab.
2. Click **Inbox**. A list of messages appears and the messages that are bold indicate you have not read them.
3. Select the message you want to read. The text of the received message appears below the message list.

#### See also:

[Reply to a message](#)

[Forward a message](#)

[Delete a message](#)

\*Other names and brands may be claimed as the property of others.

### Reply to a message

1. On the **Messages** tab, select the message you want to reply to.
2. Click **Reply**. The New Message dialog box appears with the phone number of the sender and a blank Message text box.
3. Type your reply, and then click **Send**.
4. At the notification of the successful transmission of your message, click **OK**.
5. To verify your message was sent, click the **Sent** folder on the left. A record of your message appears at the top of the list.

#### See also:

[Forward a message](#)

[Delete a message](#)

\*Other names and brands may be claimed as the property of others.

### Forward a message

1. On the **Messages** tab, select the folder—Inbox, Outbox, or Sent—that contains the message you want to forward.
2. Select the message, and click **Forward**. The New Message dialog box appears with a blank recipient text box and the text to be forwarded in the Message box below.
3. Either type the phone number of the recipient in the text box or click the Phone Book button to select the recipient from the list:
  - In the Phone Book, type one or several characters of the person's name in the Type Name or Select from List text box. A list of names with that character sequence displays in the box below. Slide the scroll bar down to browse through the list. If you find the recipient's name, select it and click **OK**.

- If your search fails to find the recipient's name and you want to view the entire phone book list, delete all characters in the Type Name or Select from List text box. The entire list appears in the box below. Select the recipient's name, and click **OK**.
4. Type a short note in the Message box, and then click **Send**.
  5. At the notification of the successful transmission of your message, click **OK**.

**Note:** Messages that are not sent due to transmission errors or a weak transmission signal are filed in your Outbox, so you can resend them later. If the message cannot be sent at this time, you can send it later by clicking **Outbox**, and then clicking the **Send All** button.

\*Other names and brands may be claimed as the property of others.

## Delete a message

1. On the **Messages** tab, select the message(s) you want to delete.

**Tip:** To delete multiple messages, press the **Ctrl** key while you select the messages.

2. Click **Delete**. The message is removed from the list.

### See also:

[Reply to a message](#)

[Forward a message](#)

\*Other names and brands may be claimed as the property of others.

## Change the "new message" notifications

1. On the main screen, click **Settings**.
2. On the Intel<sup>®</sup> PROSet dialog box, click the **Messages** tab.
3. In the Text Message Notifications section, click **Configure**.
4. If you want to see a "new message arrived" dialog box, select **Yes** in the Notification Dialog section.
5. If you want to hear a sound when a new message arrives, select **Yes** in the Notification Sound section. You can use the default sound or click **Browse** to select a different sound.
6. Click **OK**. Depending on what you set, when a new message arrives you will hear a sound, see a "new message arrived" dialog box, or both.
7. To close the Intel PROSet dialog box, click **OK**.

\*Other names and brands may be claimed as the property of others.

## Subscribe to a broadcast messaging service

If you would like to automatically receive text message alerts, such as stock quotes, weather, or traffic updates, subscribe to a broadcast messaging service. If you wish to receive a different text message alert, add the channel number for the message service. If you do not know the channel number, contact your service provider.

1. On the main screen, click **Settings**.

2. On the Intel<sup>®</sup> PROSet dialog box, click the **Messages** tab.
3. In the Cell Broadcast Message Services section, click **Configure**. The Cell Broadcast Settings dialog box appears.
4. Select the type of alerts you would like to receive. If you would like to subscribe to a service that is not listed here, click **Add** (contact your service provider for the channel number).
5. Click **OK**.
6. To close the Intel PROSet dialog box, click **OK**.

\*Other names and brands may be claimed as the property of others.

## Phone overview

Once you are [connected to your network service provider](#), use the Phone tab to:

- [Make](#) and [answer](#) local or international phone calls.
- [Ignore a call and send it directly to voice mail](#).
- [Call your voice mail](#) system to listen to your voice mail messages.
- Open the Phone Book to [store contact information](#) and quickly make calls.
- Open the Call History log to [view a list of your incoming and outgoing calls](#).
- [Mute the microphone](#) on your headset and [adjust the headset volume](#).

### See also:

[Change your Voice Mail phone number](#)

[Customize incoming call notifications](#)

[Forward calls to another number](#)

\*Other names and brands may be claimed as the property of others.

## Make a call

Once you are [connected to your network service provider](#), you can make voice calls.

### To make a call

1. Plug your headset into your PC Card, and then put on the headset.
2. Click the **Phone** tab, and then click the keypad numbers to enter a phone number:
  - Use the "C" button to clear the last number you entered or hold the "C" button to clear all the numbers you entered.
  - To make an international call, click the "+" button, enter the country code, and then enter the phone number you wish to call. For example, "+1 503 555 4444".
3. Click the **dial** button (green phone in upper-left corner of the keypad) to dial the number. The status area indicates that the call is connecting.

### Quick-Dialing Tips

- Use the keyboard to enter a phone number, and then press Enter.
- Use the Backspace key to clear the number(s) you have entered.
- To call one of the contacts you have entered in the Phone Book, click **Phone Book**. Select the phone number you want to call, and then click **Dial**.
- To redial a phone number or call someone who has called you, click **Call History**, select the phone number you want to call, and then click **Dial**.

### See also:

[End a call](#)

[Adjust the volume during a call](#)

\*Other names and brands may be claimed as the property of others.

## Answer or ignore a call

Once you are [connected to your network service provider](#), you can receive voice calls. Depending on how you have [set your incoming call notifications](#), when you receive a call either you see an "incoming call" dialog box, you hear a ringing tone, or both occur. If you get the "incoming call" dialog box, a prompt gives you the option to answer the incoming call or to ignore it. If you ignore a call, it is automatically sent to voice mail.

### To answer a call

1. Plug your headset into the PC Card, and then put on the headset.
2. To answer the call, either:
  - Click **Answer** in the "Incoming call" notification dialog box.
  - Click the **Phone** tab, and then click the **answer** button (green phone in upper-left corner of the keypad).

### To ignore a call

- Click the **Phone** tab, and then click the **end** button (red phone in upper-right corner of the keypad). The call is automatically sent to your voice mail.

### See also:

[End a call](#)

[Customize incoming call notifications](#)

\*Other names and brands may be claimed as the property of others.

## End a call

Click the **Phone** tab, and then click the **end** button (red phone in upper-right corner of the keypad).

\*Other names and brands may be claimed as the property of others.

## Forward calls to another number

If you are unable to accept a call at this "phone", you can forward your calls to another phone number, such as your mobile phone.

### To forward calls

1. On the main screen, click **Settings**.
2. On the Intel<sup>®</sup> PROSet dialog box, click the **Phone** tab.
3. Under Call Forwarding, click **Configure**. The Call Forwarding dialog box appears.
4. Select **Forward my voice calls to this number**.
5. Select where you want to forward your calls:
  - To forward calls to your voice mail, select **Provider Voice Mail**.
  - To forward calls to another phone, select **This Number**, and then enter the phone number to

which you want to forward all calls.

6. Select when you want to forward your calls:
  - To always forward your calls to the selected number or voice mail, select **Always**.
  - To forward calls when you are not available (the line is busy, the PC card power is off, you do not answer the call, or you click the End button when a call comes in), select **Only if I am unreachable**.
7. Click **OK**.
8. To close the Intel PROSet dialog box, click **OK**.

### To stop forwarding calls

1. On the main screen, click **Settings**.
2. On the Intel<sup>®</sup> PROSet dialog box, click the **Phone** tab.
3. Under Call Forwarding, click **Configure**.
4. Clear the **Forward my voice calls to this number** checkbox, then click **OK**.
5. To close the Intel PROSet dialog box, click **OK**.

\*Other names and brands may be claimed as the property of others.

## Adjust the volume or mute the microphone

### To adjust the headset volume

1. Click the **Phone** tab.
2. To increase the volume, drag the Volume slider up; to decrease the volume, drag the slider down.

### To mute the headset's microphone so the other person cannot hear you

- Click the **Phone** tab, and then select the **Mute** check box.

\*Other names and brands may be claimed as the property of others.

## Change the incoming call notifications

1. On the main screen, click **Settings**.
2. On the Intel<sup>®</sup> PROSet dialog box, click the **Phone** tab.
3. In the Ring Indication section, click **Configure**.
4. If you want to see an "incoming call" dialog box, select **Yes** in the Notification Dialog section.
5. If you want to hear a ringing sound, select **Yes** in the Notification Sound section. You can use the default sound or click **Browse** to select a different sound.
6. Click **OK**. Depending on what you set, when a new message arrives you will hear a sound, see a "new message arrived" dialog box, or both.

7. To close the Intel PROSet dialog box, click **OK**.

\*Other names and brands may be claimed as the property of others.

## Call History overview

Click the Call History button on the Phone tab to:

- [View a log of your incoming and outgoing voice calls](#) starting with the most recent call. A right arrow indicates an incoming call and a left arrow indicates an outgoing call.
- Check the date and time you received or made a call, and the duration of the call.
- Quickly call someone who has called you recently, or quickly call someone who you have called recently (select the entry, and then click **Dial**).
- [Add a person's contact information to the Phone Book](#).
- [Delete call history entries](#) from the Call History log.

\*Other names and brands may be claimed as the property of others.

## View missed calls and your call history log

If you miss a call, as indicated in the status area, you can check the Call History log to see who called you. You can also see who you have called.

### To view the Call History log

1. Click the **Phone** tab, and then click **Call History**. The Call History dialog box appears, which lists your incoming (right arrow) and outgoing (left arrow) calls starting with the most recent first.
2. To close the Call History log, click **OK**.

#### See also:

[Call History overview](#)

[Add a contact to the Phone Book](#)

[Delete call history information](#)

\*Other names and brands may be claimed as the property of others.

## Add a contact from Call History to the Phone Book

1. Click the **Phone** tab, and then click **Call History**.
2. In the Call History dialog box, select the name or phone number you want to add to your phone book, and then click **Add to Phone Book**.
3. In the Phone Book Entry dialog box, verify the name and number are correct, and then click **OK**.

\*Other names and brands may be claimed as the property of others.

## Delete call history information

1. Click the **Phone** tab, and then click **Call History**.
2. On the Call History dialog box, select the line items you want to delete. To select multiple line items, press the Ctrl key while you select the line items.

3. Click **Delete**, and then click **OK**.

\*Other names and brands may be claimed as the property of others.

## Voice Mail overview

The voice mail features you have depend on your Network Service Provider. Most service providers give you the ability to retrieve, delete, save, and forward voice mail. Procedures vary with providers, so follow the prompts after you access your voice mailbox.

### See also:

[Call your Voice Mail](#)

[Change your Voice Mail phone number](#)

\*Other names and brands may be claimed as the property of others.

## Call your Voice Mail

- Click the **Phone** tab, and then click **Voice Mail**.

### See also:

[Voice Mail overview](#)

[Change your Voice Mail phone number](#)

\*Other names and brands may be claimed as the property of others.

## Change your Voice Mail phone number

1. On the main screen, click **Settings**.
2. On the Intel<sup>®</sup> PROSet dialog box, click the **Providers** tab.
3. In the Network Provider section, click **Advanced**.
4. On the Advanced Provider Settings dialog box, click the **Access Numbers** tab.
5. In the Voice Mail Access Number text box, enter the number of your voice mailbox, and then click **OK**.
6. To close the Intel PROSet dialog box, click **OK**.

\*Other names and brands may be claimed as the property of others.



## Phone Book overview

Click the Phone Book button on the Messages tab or Phone tab to:

- [Add contact information](#) for friends, family, business associates and calling cards.
- Quickly [address text messages](#) or [make calls](#). From the Phone Book, select the contact to whom you want to send a message or call, and then click **Send Message** or **Dial**. If you are on the **Messages** tab, a new message opens with the contact's phone number. If you are on the **Phone** tab, the phone dials the contact's number.
- [Edit](#) and [delete](#) contact information.
- [Import](#) contact information from your Microsoft Outlook\* Contacts list.

\*Other names and brands may be claimed as the property of others.

## Add a contact to the Phone Book

The Phone Book automatically displays entries that are stored on your [SIM](#) and allows you to add, edit or delete these entries. The number of entries you can create is limited by the storage capability of your SIM.

**Tip:** To quickly add contact information to your Phone Book, [import](#) your Microsoft Outlook\* Contacts list or [add a contact from your Call History log](#).

### To add a contact to the Phone Book

1. On the **Phone** tab or **Messages** tab, click **Phone Book**.
2. In the Phone Book, click **New**. The New Phone Book Entry dialog box appears.
3. Enter the name and phone number for the contact:
  - **Name**—full name or nickname of contact; this name is used to identify the person when they call you or send you a message.
  - **Phone**—contact's phone number with the area code. For example, 503 555 4444. For **international numbers**, store the country and city code with the phone number. For example, +1 503 555 4444.
4. Click **OK**. The contact appears in the Phone Book.

\*Other names and brands may be claimed as the property of others.

## Edit a contact in the Phone Book

1. On the **Phone** tab or **Messages** tab, click **Phone Book**.
2. In the Phone Book list, select the record you want to modify.
3. Click **Edit**.
4. In the Phone Book Entry dialog box, edit the information, and then click **OK**.

\*Other names and brands may be claimed as the property of others.

## Delete a contact from the Phone Book

1. On the **Phone** tab or **Messages** tab, click **Phone Book**.
2. In the Phone Book list, select the record you want to remove.

**Important:** Make sure you want to delete this record. Once you delete this record, it is gone and you cannot retrieve the information.

3. Click **Delete**, and then click **Close**.

\*Other names and brands may be claimed as the property of others.

## Import contact information

You do not need to type contact information again if you already have information stored in your Microsoft Outlook\* Contacts list. You can import this data. Once you import the data, it is saved on your [SIM](#) .

### To import contact information

1. From either the **Phone** tab or **Messages** tab, click **Phone Book**.
2. In the Phone Book, click **Import**. The Import Phone Book Entries dialog box appears.
3. Select each contact you want to add or select the option to add all, and then click **Import**. The contacts you selected appear in your phone book automatically.

\*Other names and brands may be claimed as the property of others.

## I inserted the PC Card but the system cannot detect the device

Your computer does not detect the GPRS PC Card.

- If you have inserted the PC Card into your PC Card slot on your computer, remove it and try inserting it again. If it still does not detect the card, restart your computer.
- If your computer has two PC Card slots, try inserting the card into the other slot.
- It is also possible that the system cannot support additional PC Cards. To check to see if this is the problem:
  1. Right-click the **My Computer** icon on your desktop, and then click **Manage**.
  2. Select **Device Manager** in the left pane, and then double-click **Network Adapters** in the right pane. If there's a yellow exclamation mark next to the GPRS PC Card name, your system may not be able to support the PC Card. Unplug another PC Card that you are not using, and then plug in the GPRS card to try again.
- Contact your network service provider.

\*Other names and brands may be claimed as the property of others.

## I cannot connect to the network

If the status area indicates that the network is not available or if "Searching" appears for longer than usual, you may be outside your network boundaries or you may have a weak signal. The system will continue to try to connect to the network.

- If you are connecting to your network service provider for the first time, contact your service provider to ensure your account is activated and your PC Card is configured properly.
- Make sure the antenna on the PC Card is connected and in an up-right position.
- If you have recently traveled from one region to another, for example, Europe to the United States, manually [set your region](#). (The radio frequency changes to accommodate your new location. The system automatically detects the correct frequency to use. If you notice that the system is taking longer than usual to connect to the network, it might help to manually set your region.)
- Run the Diagnostics tool to help determine the problem, and then contact your IT support team or your network service provider. To run diagnostics, click **Settings**, click the **Troubleshooting** tab, and then click **Diagnostics**.

\*Other names and brands may be claimed as the property of others.

## I cannot connect to the Internet

To [connect to the Internet](#), [GPRS](#) must be available (indicated in status area).

- If you are connecting to your network service provider for the first time, contact your service provider to ensure your account is activated for GPRS and your PC Card is configured properly.
- If you are [roaming](#) and GPRS is not available, [check to see if another service provider has GPRS available](#).
- Run the Diagnostics tool to help determine the problem, and then contact your IT support team or your network service provider. To run diagnostics, click **Settings**, click the **Troubleshooting** tab, and then click **Diagnostics**.

\*Other names and brands may be claimed as the property of others.

## I cannot go to an Internet site (browser does not work)

Check your proxy settings in your Internet browser. For more help, contact your IT Support group or your network service provider.

\*Other names and brands may be claimed as the property of others.

## My connection is slow

- If your connection seems slower than usual, it is most likely because you have a weak signal or interference from other radio devices. Try moving to another location. For example, if you are in a building, move closer to a window.
- There might be a lot of users on the network, causing a slow connection. Try connecting again later.
- Make sure the [region setting](#) is correct for the location in which you are using the GPRS PC Card. (The region determines the frequency the PC Card uses, and if the frequency is not correct, then it may slow your connection rate.)

\*Other names and brands may be claimed as the property of others.

## I cannot make a call

If you are connected to your network service provider and you cannot make a call, your Administrator may have set restrictions on your incoming or outgoing calls. There are several types of restrictions, including no incoming calls, no outgoing calls, no or limited long-distance calls, and no or limited incoming calls while roaming.

### To check if your calling is restricted

1. On the main screen, click **Settings**.
2. On the Intel<sup>®</sup> PROSet dialog box, click the **Phone** tab.
3. In the Restricted Calling section, click **Configure**. The Restricted Calling dialog box appears.
4. Check your restricted calling options. If you want to change your options, contact your Administrator.
5. To close the Intel PROSet dialog box, click **OK**.

\*Other names and brands may be claimed as the property of others.

## GPRS

GPRS, or General Packet Radio Service, is a type of technology (packet-switched) that allows you to establish a wireless Internet (data) connection at speeds up to 53.6 Kbps. The GPRS technology uses the [GSM](#) infrastructure.

\*Other names and brands may be claimed as the property of others.

## GSM

GSM (Groupe Speciale Mobile or Global System for Mobile Communications) is a type of technology that is widely used for mobile communications all over the world. With a GSM connection, you can make and receive voice calls, and send and receive text messages (SMS). GSM mobile devices (such as phones or PC Cards) use a SIM to hold subscriber identification and related information. GSM also supports data connections

(circuit-switched data or CSD) at rates up to 9.6Kbps.

\*Other names and brands may be claimed as the property of others.

## SIM

The Subscriber Identity Module, or SIM, is the small card that is inserted in your GPRS PC Card. The SIM stores information, such as your network service provider and contacts. SIMs are also used in other mobile devices, such as mobile phones.

## What do the lights on the PC Card mean?

The GPRS PC Card has a small light on it that changes color and blinks to indicate the status of the PC Card:

- **None:** The PC Card power is off, indicating you are not connected to the network or transmitting radio signals (safe for air travel).
- **Blinking Red:** The PC Card power is on and searching for your network service provider.
- **Solid Red:** You are connected to your network service provider. You can connect to the Internet, send and receive text messages, and make and receive voice calls.
- **Solid Green:** You are connected to the Internet.
- **Blinking Green and Orange:** You are transmitting and receiving data over the Internet.

\*Other names and brands may be claimed as the property of others.

## Connect to your workplace

If you work remotely, you most likely connect to your workplace network through the Internet with VPN (Virtual Private Network) software or through a dial-up connection using your modem. With your wireless PC Card, you can continue to use these methods to connect to your workplace.

Dial-up networking may not be available in all areas. A dial-up connection allows you to connect at speeds up to 9.6 Kbps.

For more information about connecting to your workplace, contact the network administrator at your workplace.

### To connect to your workplace through the Internet with VPN

1. [Connect to your network service provider](#), and then [connect to the Internet](#).
2. Use your VPN software to connect to your workplace as you normally do.

### To connect to your workplace with Dial-Up Networking

1. [Connect to your network service provider](#).
2. Click **Start > Programs > Accessories > Communications > Network and Dial-up Connections**. The Network and Dial-up Connections dialog box appears.
3. Right-click the Dial-Up Connection icon you have created for calling your workplace, and then click

**Properties.** (For more information about Dial-Up Connections and how to configure them, see the Microsoft Windows\* online Help.)

4. On the General tab in the Connect Using section, select the check box for the Intel<sup>®</sup> PRO/Wireless GPRS PC Card modem, and then click **OK**.
5. To connect to your workplace, double-click the Dial-up Connection icon for your workplace as you normally do.

\*Other names and brands may be claimed as the property of others.

## Who can I send text messages to?

You can send text messages to mobile phones and pagers with text messaging capabilities. If you are not sure whether someone can receive your text message, you can try sending them a message and asking them if they received it. The person can also check with their service provider to see if they have text messaging available.

## Can I send a text message to someone's email address?

You cannot send text messages to email addresses; you must send text messages to a phone number that has the [capability to receive text messages](#).

## What is my phone number?

On the main screen, click **Settings**. The Intel<sup>®</sup> PROSet dialog box appears. Your phone number is shown on the **General** tab. If your phone number does not appear, it means that this information is not stored on your [SIM](#) and therefore cannot be displayed.

To get your phone number, either call your network service provider or use the Intel<sup>®</sup> PRO/Wireless Communication Manager software to call another phone near you, such as your mobile phone, that has Caller ID (the Caller ID should indicate your phone number).

\*Other names and brands may be claimed as the property of others.

## Make a call

Once you are [connected to your network service provider](#), you can make voice calls.

### To make a call

1. Plug your headset into your PC Card, and then put on the headset.
2. Click the **Phone** tab, and then click the keypad numbers to enter a phone number:
  - Use the "C" button to clear the last number you entered or hold the "C" button to clear all the numbers you entered.
  - To make an international call, click the "+" button, enter the country code, and then enter the phone number you wish to call. For example, "+1 503 555 4444".
3. Click the **dial** button (green phone in upper-left corner of the keypad) to dial the number. The status area indicates that the call is connecting.

### Quick-Dialing Tips

- Use the keyboard to enter a phone number, and then press Enter.

- Use the Backspace key to clear the number(s) you have entered.
- To call one of the contacts you have entered in the Phone Book, click **Phone Book**. Select the phone number you want to call, and then click **Dial**.
- To redial a phone number or call someone who has called you, click **Call History**, select the phone number you want to call, and then click **Dial**.

**See also:**[End a call](#)[Adjust the volume during a call](#)

\*Other names and brands may be claimed as the property of others.

## No GPRS Card

Your computer does not detect the GPRS PC Card.

- If you have inserted the PC Card into your PC Card slot on your computer, remove it and try inserting it again. If it still does not detect the card, restart your computer.
- If your computer has two PC Card slots, try inserting the card into the other slot.
- It is also possible that the system cannot support additional PC Cards. To check to see if this is the problem:
  1. Right-click the **My Computer** icon on your desktop, and then click **Manage**.
  2. Select **Device Manager** in the left pane, and then double-click **Network Adapters** in the right pane. If there's a yellow exclamation mark next to the GPRS PC Card name, your system may not be able to support the PC Card. Unplug another PC Card that you are not using, and then plug in the GPRS PC Card to try again.
- Contact your network service provider.

## GPRS Card Off

The GPRS PC Card power is off, which means you are not connected to the network and you are not transmitting radio signals. Turn off the PC Card when traveling by airplane.

**See also:**[Turn on the PC Card power](#)

## Searching for Network

The system is trying to connect to your network service provider. If this status information appears for longer than usual, see [I cannot connect to the network](#).

## Network Ready

You are connected to the network service provider. Now you can:

- [Connect to the Internet](#) or [your workplace](#), so you can check email, surf the Web, and so on. You can maintain a constant connection at speeds up to 53.6 Kbps.
- [Send and receive instant text messages](#) just like you can with a pager or mobile phone.
- [Make and receive voice calls](#) just like you can with a mobile phone.

## Connecting to Internet

The system is trying to connect to the Internet. If this status information appears for longer than usual, see [I cannot connect to the Internet.](#)

## Connected to Internet

You are connected to the Internet. Use your regular software to take advantage of your connection. For example, [connect to your workplace](#), use your Internet browser to surf the Web, or use your email application to send email.

## Roaming

When you travel outside the coverage or home area of your service provider, the system uses another service provider so you can stay connected to the network.

## Reading SIM

Indicates the system is getting information from your [SIM](#) card.

## Dial-up Port In Use

If you are using the GPRS PC Card's modem device to establish a dial-up connection to the Internet, you cannot use the Intel<sup>®</sup> PRO/Wireless Communication Manager software until you end the dial-up network connection.

## Call Forwarding Active

Your phone is configured to forward all incoming calls to another phone number. To stop forwarding your calls, see [Forward a call to another number.](#)