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Cross Match® Technologies, Inc.

Be.U Mobile

SMC-800 Series
Mobile Biometric Device

User Manual

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870245 V1.2

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1 User tasks

THIS CHAPTER DESCRIBES HOW TO USE THE PRODUCTNAME TO COMPLETE YOUR BASIC TASKS.

Warning

This restriction applies to those versions of the SMC800 Series Be.U Mobile with RF options (G1. G2. W1. W2, and BT) built in. The option configuration for your device is shown on the serial placard located under the battery pack.

This PDA is intended and expected to be operated as a hand-held and hand-operated-only portable (that is, relative to hand) device with a separation distance of at least 8 in (20 cm) from a person's body.

During operation, the strap is not intended for use as a belt-clip or a body-worn accessory.

Before you use the Be.U Mobile

Complete the following steps:

1 **Clean the device.**

- **The biometric sensor**
- **The touch screen**
- **The card reader**
- **The barcode reader lens**
- **The color camera lens.**

See **"Clean the Be.U Mobile" on page 13**.

2 **Install the battery in the** Be.U Mobile. See **"Install the battery" on page 8** for instructions and illustrations.

3 **Connect an external power source if the battery does not have a full charge**. See**"Use external power" on page 9**.

4 **Start the** Be.U Mobile**.** See **"Start the Be.U Mobile" on page 14**. The Be.U Mobile also starts when an external power source is connected.

5 **Set the date and time**. See **"Set the clock" on page 24**.

You are prepared to use the Be.U Mobile.

Start the Be.U Mobile

1 Press and hold the power button for two seconds. The desktop appears.
2 Start your program.
3 Go to the next step in your work flow.

Capture fingerprints

Use the following procedure to capture fingerprints.

1 Start your fingerprint capture program.
2 Turn toward the person you plan to fingerprint.
3 The person must put the finger on the sensor, parallel with the surface of the sensor. **The base of the nail must be even with the arrows at the sides of the sensor.**
4 Start your capture sequence.
5 Go to the next step in your work flow.

Take a photo of the person

Use the following procedure to take a picture of the person (a **mug shot**).

1 Start your photo capture program.
2 Hold the Be.U Mobile up and point the back of the device toward the person you want to photograph.
3 Adjust your distance from the person so that the head and shoulders fill the frame.
4 Capture the photograph.
5 Save the photograph.
6 Go to the next step in your work flow.

Collect personal information

You can use a number of methods to collect personal information about the person you plan to fingerprint. Use one of the following procedures.

With the keyboard

1. Go to your capture program.
2. Use your keyboard to enter the personal information.
3. Go to the next step in your work flow.

From a contact card

Note

The card reader is an optional feature.

1. Go to your capture program.
2. Make sure the card reader slot on the side of the device is clean.
3. Slide the contact card into the Be.U Mobile contact card reader. The card reader imports the information into the Be.U Mobile.
4. Select to import the personal information from the card.
5. Your program can then display the information.
6. Remove the card from the card reader.
7. Go to the next step in your work flow.

From a contactless card

1. Start your capture program.
2. Hold the Be.U Mobile with the back of the device toward you.
3. Slide the contactless card under the clip for contactless cards on the back of theBe.U Mobile. The card reader imports the information into the Be.U Mobile.
4. Select to import the personal information from the card.
5. Your program can then display the information.
6. Remove the card from under the clip.
7. Go to the next step in your work flow.

From a bar code

Note

The bar code reader is an optional feature.

1. Start your capture program.
2. Turn the Be.U Mobile, so that the back of the device is toward the bar code
3. Select to import the personal information from a bar code.
4. Start the bar code capture sequence.
5. Align the Be.U Mobile with the bar code, so that the device reads the bar code.
6. Your program can then display the information.
7. Go to the next step in your work flow.

Save a record

Follow the steps in your program to save a record.

Send a record

Follow the steps in your program to send a record to an agency.

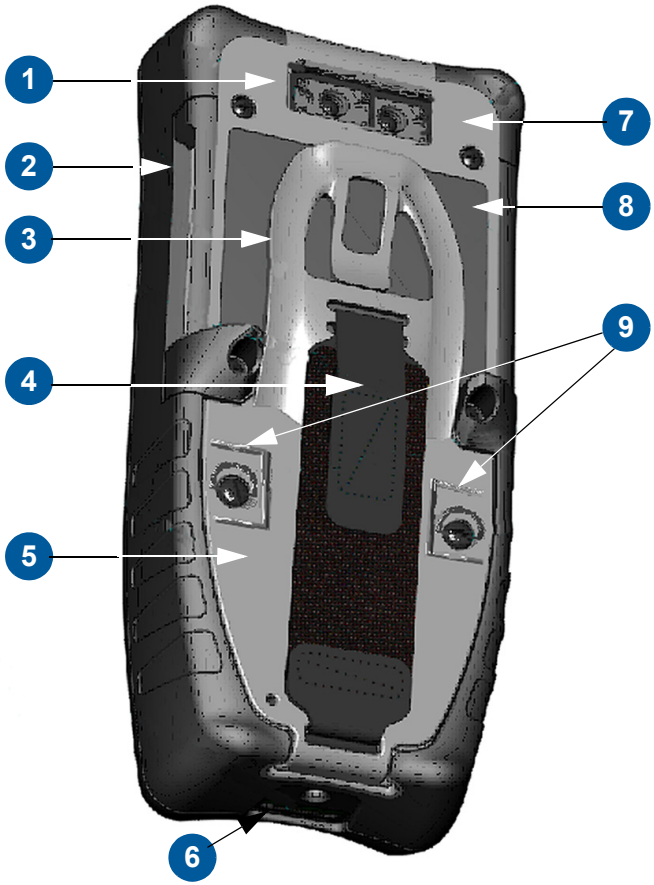
Field Reference

Front view of the Be.U Mobile

#	Description
1	Fingerprint Sensor.
2	Touch Screen.
3	LED Indicators.
4	Keypad.

#	Description
5	Speaker.
6	Smart Card Reader (access slot for contact cards).

Rear view of the Be.U Mobile



#	Description
1	Bar code Scanner (left) and Color Camera (right).
2	Smart Card Reader (access slot for contact cards).
3	Smart Card Holder (for contactless cards).

#	Description
4	Strap.
5	Battery Access Door.
6	Communication Port.
7	SAM Access Door.
8	The antenna for the contactless card.
9	Door-Lock Screws. The screws have thumb holds that you rotate to loosen the screws without a tool.

WARNING

If you open the case of an SMC-800 device, or of one of the accessories, you disable the warranty.

Key pad

There are **eight buttons** on the key pad.

The **green** is the **Enter** button and the **OK** button.

The **red** is the **Escape** button and the **Cancel** button**.**

The **three white bars** are the **Menu** button.

The **four arrows** on the center button are like the keyboard arrows.

The **three function buttons** are **F1**, **F2,** and **F3**.

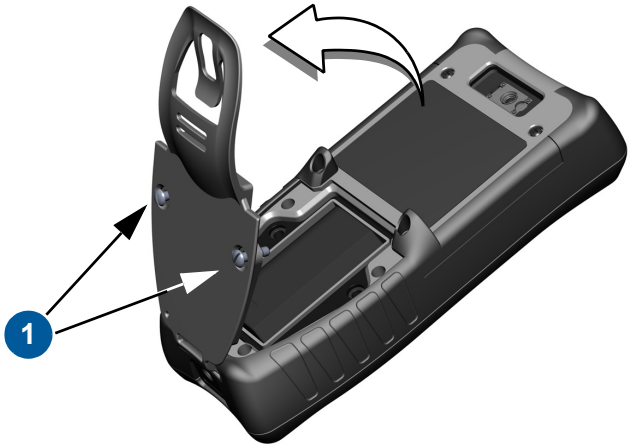
The **power button** turns on the device, turns off the device, and restores the device from the suspend mode.

LED indicators

There are three LED indicators on the Be.U Mobile.One is the battery LED indicator. See **“Battery LED Indicator” on page 10** for a description of how the indicator shows you the status of the battery. The other two LEDs are available for programs to use.

Power and batteries

Install the battery



To open the battery compartment:

1 Loosen the door lock screws (**1**).
2 Lift the door. The screws remain attached to the door.
3 When the door is open, remove the door.
4 Remove the battery.
5 Insert the new battery (**2**) in the compartment behind the door. The flat side of the battery contacts the Be.U Mobile. The contacts (**3)** are toward the bottom of the device

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Note

The battery is rechargeable. You must use the correct battery for your model. Do not use the battery from a different model or device.

Use external power

A power supply (or AC adapter) can charge the battery and maintain the charge while you use the device on the cradle. Use the power supply with the provided cradle. The Be.U Mobile has a single, proprietary connector. The cradle allows the power supply to share the connection with other cables.

Caution

The external power supply is for the SMC-800 series. Do not use another model of power supply. Do not use the power supply with other equipment without authorization from Cross Match.

Warning

The external power supply is for office use**.** Use or storage of the power supply in wet conditions cancels the warranty and can cause dangerous shocks and electrical fires.

Note

The battery charges when a power supply is connected to the device. See **"Charge the battery"** for complete information about the LED indicators and the charge mode.

Charge the battery

The battery charges when you connect the device to a power supply. The time needed to reach a full charge changes with the level of charge in the battery. At 22°C, a discharged battery takes from 6 to 6.5 hours to reach full charge in the device. The action to charge the battery takes longer when the temperature decreases toward 10°C, or increases toward 45°C. The temperature of the battery must be more than 10°C and less than 45°C for the battery to accept the charge.

Battery LED Indicator

The top left LED (**1**) between the display and the keypad is the Battery Indicator. The LED lights when the Be.U Mobile charges the battery and when the battery has a full charge. The following table describes the LED indications.

LED color	Description
There is no light	The device cannot charge the internal battery. • The device is not inserted correctly into the cradle. • The cradle power supply is not connected. • The battery is not inserted correctly. • The cable or charging circuitry is damaged. • The **internal** charging temperature is outside the allowed range (0°C-45°C).You cannot charge the battery.
Amber	The battery is not charged.
Amber flashes	The device is set to operate on the battery and the battery charge is low.
Green	The battery is charged.

Warning

Stop the device and remove the battery if one or more of the following occurs.

- You detect an odor.
- The battery is hot to the touch.
- The battery color changes.
- The battery does not appear to be normal.
- You see the leaks from the battery package.

Warning

If the battery fluid gets into your eyes, do not touch your eyes. Immediately clean your eyes with clear water and get immediate medical help.

Replace the battery

During extended service in the field, you must change the main battery. Use the external battery charger to prepare a set of replacement batteries.

The internal battery helps you to change the main battery without the loss of your work and your settings. You must change the battery within 5 minutes to prevent the loss of data.

Caution

Always turn off the Be.U Mobile before you remove the main battery to prevent damage to the device and data loss. See, **“Turn off the Be.U Mobile (suspend)” on page 15** for instructions.

To replace the battery, open the battery access door as shown in **“Install the battery” on page 8.** Do the reverse of the procedure to remove the battery.

Warning

Personal injuries can occur if you do not replace the batteries correctly.

- Remove the battery if the battery cannot be used.
- Keep the battery away from direct sunlight and the heat from other sources.
- Do not open the battery.
- Do not put the battery package in water, or allow the battery to become wet.
- Do not put the battery on metal objects. Do not keep the battery with metal objects. Short-circuits can occur between the contact pins and the metal objects and cause heat, fire and leakage.
- Do not touch the contacts of the battery. The battery does not function correctly when the contacts are dirty or are damaged,.

External Battery Charger

You must manage the charge of the batteries with the external charger and a set of spare batteries. Cross Match provides an accessory for this purpose, the battery charger (part no. SP-BC-02-B).

The operation of the battery charger is automatic. When you insert a battery in the charger, the battery charges and continues until the battery reaches a full charge.

The charger has an AC adapter. Connect the adapter to a correctly grounded 110/115 VAC power.Then connect the AC adapter into the back of the charger:

Note

The battery charger is for the batteries of the SMC-800 series. Do not use another charger. Do not use the charger with other types of batteries, unless authorized by Cross Match.

Warning

The external battery charger is for office use**.** Use or storage of the external charger in wet conditions cancels the warranty and can cause dangerous shocks and electrical fires.

Insert a battery into the charger

Put the battery into the charger as shown in **"External Battery Charger" on page 11**. Make sure that the two contacts on the battery are in the charger socket.

Status indicator

There is an LED indicator on the top side of the charger that displays the status of the charger. The following table describes the indications that the LED gives and describes the meaning of each indication.

LED color	Description
No light	The power supply is not connected. The charge is not accepted.
Red	A battery is detected and has started charge.
Flashes red	The temperature is out of range (when the temperature is not in the range of 10°C-45°C the charge stops).
Green	The battery has a full charge.

Warning

Stop the device and remove the battery if one or more of the following occurs.:

- You detect an odor
- The battery is hot to the touch
- The battery color changes
- The battery does not appear to be normal
- You see leaks.

If the battery fluid gets into your eyes, do not touch your eyes. Clean your eyes with clear water and get immediate medical help.

Clean the Be.U Mobile

Make sure that the Be.U Mobile is clean. The following sections describe how to clean the biometric sensor, the touch screen, and the card reader.

Clean and prepare the fingerprint sensor

Dirt, oils, or other material on the sensor can cause an unacceptable fingerprint image. Check how to clean the sensor in **"Every day".** How to clean the sensor before each capture is described in **"Before each touch"**.

Every day

Warning

Do not use harsh fluids and abrasive materials to clean the fingerprint sensor.

Clean the fingerprint sensor. Use a microfiber cloth to apply alcohol to the surface of the sensor. Move the cloth in a left and right direction until the sensor surface is clean. Repeat this process as necessary. Make sure that no dirt remains on the sensor.

Prepare the fingerprint sensor. Use a microfiber cloth to apply fragrance-free skin lotion to the surface of the sensor. Make sure that you remove all the visible lotion from the sensor to complete the process. The lotion improves the quality of the fingerprint image.

Before each touch

Clean the sensor with a microfiber cloth to remove any dirt or finger marks.

Clean the touch screen

Clean the screen with a microfiber cloth. Use tap water. Do not use solvents. Always use the stylus or your finger tip to select the items. Do not use finger nails, pens, or pencil erasers.

Clean the card reader

The smart card reader is an opening in the Be.U Mobile case. During wet conditions, moisture can enter the card reader. If liquids, dust, or other particles reach the card reader, do not insert a smart card unless the card reader is clean and dry.

Clean the two cameras

Wipe the bar code reader camera window and the mug shot camera window with a microfiber cloth as often as needed. Use tap water. Do not use strong solvents or powdered cleaners.

Start the Be.U Mobile

To start the device, press and hold the power button for two seconds.

Note

If the device does not turn on:

- You did not install the battery.
- The battery charge is zero when an external power supply is connected.
- The battery door is not closed and the door screws are not tightened.

There are different OFF conditions for the device. The performance of the device depends on the condition at turn off.

Off state	Description
Shut down	The device is turned off. • The device had no battery for more than 7 days. • You press and hold the power button for 15 seconds.
Suspended	The Be.U Mobile appears to be inactive, but not shut down.The device does not use the screen, the LEDs, the processing devices or any included peripheral.

The following table describes what occurs when you turn on the device. The information is arranged by the condition of the device.:

State of the device	What happens at turn on
Shut down, the battery is OK	The device turns on and runs the start sequence: • The screen turns white for 1 second. • The product logo appears. • The device loads the operating system and a series of digits appears in the upper-right corner of the screen. • After three seconds, the Windows CE workspace appears and the device is started.
Suspended, the battery is OK	The device turns on and returns to the condition before interruption.

State of the device	What happens at turn on
The battery is weak	The device does not turn on and the top left LED indicator blinks amber.
The battery is not installed or the battery is discharged	You cannot turn on the Be.U Mobile.

Turn off the Be.U Mobile (suspend)

Press the **OFF** button to put the device in the suspended state. The device uses minimum power to turn on and continue your work without the loss of data and program states.There are two methods to turn off the device, the keyboard and the interface

The keypad method

One method to interrupt the device is to use the keypad.

1 Press and hold the **power** button until the **Power key detected** window appears.
2 Select **Release now to suspend**, or **Hold** to turn off the power.

The interface method

You can use the touch screen menu provided by the operating system to turn off the Be.U Mobile. Use the Windows logo button and your stylus.

1 Tap the **Start** button to open the menu.
2 Select the **Suspend** command. The screen clears and the device enters a wait condition. Data is saved and no program is closed.

When you turn on the device, all programs return to the previous condition.

Note

After you release the power button, a blank screen appears and the device turns off. There is no data loss. Programs continue. When you turn on the device, the Be.U Mobile returns to the previous condition.

Automatic shutdown

The device automatically enters the sleep condition if there is no user activity for an amount of time that you can set. There is no data loss. Programs continue. When you turn on the device, the Be.U Mobile returns to the previous condition.

Adjust the automatic shutdown delay

Read the section **"How to adjust the suspend timeout" on page 5** for complete details and instructions on setting this delay.

Reset the Be.U Mobile (shutdown)

The Be.U Mobile can enter a condition where programs stop, devices stop, or the Be.U Mobile does not communicate. You must reset the device to restart or you must turn off then turn on the Be.U Mobile.

The normal process to reset the Be.U Mobile is as follows.

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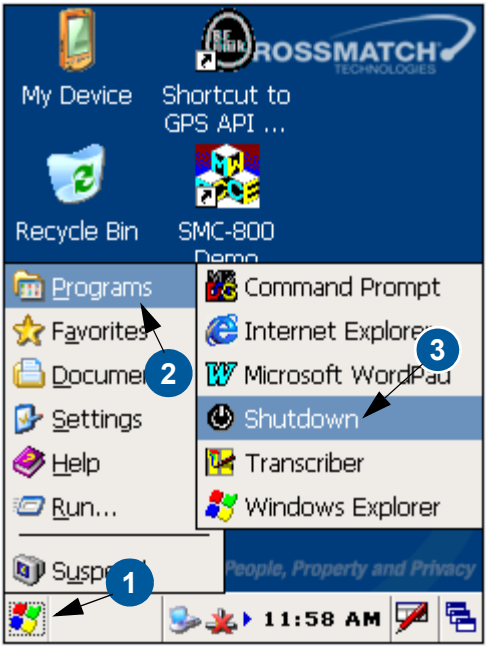


1 From the desktop, press the Windows **Start** button (**1**). The Start menu appears.
2 In the Start menu, tap the **Programs** command (**2**). The Programs menu appears.
3 In the Programs menu, tap the **Shutdown** command (**3**). The device stops immediately.
4 Press and hold the **Power** button until the Be.U Mobile starts.

Reset when the device does not answer

There can be conditions when the Be.U Mobile does not answer your commands. When you have tried all other methods to control the device, use the following procedure to reset the Be.U Mobile.

1 Open the battery compartment door. See **"Install the battery" on page 8**.
2 Remove the battery.
3 Close the battery compartment door.
4 Press and hold the **Power** button (**1**) **for 15 seconds.**
5 Open the battery compartment door.
6 Replace the battery.This is the reverse of Step 2.
7 Close the battery compartment door.
8 Press the Power button (**1**) until the Be.U Mobile starts.

The turn off sequence, which depends on the condition of the device, can take 30 seconds. All data that are not saved are lost. All programs are stopped.

If the procedure does not correct the problem, contact your equipment administrator.

The backup battery

The SMC-800 devices all have an internal rechargeable backup battery that provides emergency power to some circuits in the device. The backup power applies when there is no main battery and when the main battery is discharged. The purpose is to save the condition of the device.

The backup battery:

- Saves the suspended condition of the device during the battery replacement, for the time needed to replace the battery.
- Completes the shut down process of the device when the 15 minute delay without a battery has expired.
- Maintains the internal clock when you store the device without the battery installed.

Warning

The backup battery is a NiMH battery that the user cannot replace. An authorized technician must change the battery. Incorrect installation or programming can cause the battery to **explode**.

The backup battery charges automatically when a charged main battery is installed in the device and you charge the main battery. The backup battery takes 24 hours to reach a full charge.

Caution

If the backup battery does not have enough charge when you replace the main battery, you can accidentally **reset** the device and erase information.

Connect the Be.U Mobile

A connector that transmits USB host, slave, RS-232 and Ethernet communication signals from the devices is available.There is no cable (USB, Ethernet or serial) that connects to the Be.U Mobile. You must use a desktop cradle or a vehicle cradle to connect to those ports. The following sections describe each cradle.

The desktop cradle

The desktop cradle for the Be.U Mobile is a power charger and communication base that provides a method to charge the main battery. The cradle has eight connectors:

- 1 power connector (**1**)
- 1 Ethernet connector (**2**)
- 1 serial connector (**3**)
- 4 USB host connectors (**4**)
- 1 USB client connector (**5**)

The **power connector** allows you to connect the external power supply to the cradle.

The **Ethernet connector** allows you to connect to the Internet and to a local network.

The **Serial connector** allows you to connect other external devices like card readers to the Be.U Mobile.

The **4 USB host connectors** allow the Be.U Mobile to accept input from USB devices. You can use a host connector to attach a keyboard or a mouse to the Be.U Mobile.

The **USB client connector** allows you to connect the Be.U Mobile to a USB port on a computer. The computer then becomes the **host** for the Be.U Mobile. The connection allows the ActiveSync on the computer to transfer the data between the computer and the Be.U Mobile. See the Be.U Mobile *Technical Reference*.

Caution

The desktop cradle is for indoor use. Do not use or keep the cradle in cold, humid or wet conditions. You can cancel the warranty and can damage the cradle and the Be.U Mobile.

The vehicle cradle

The vehicle cradle for the Be.U Mobile is a power charger and a communication support device. You can rotate the cradle to set the Be.U Mobile to different angles.

The vehicle cradle allows you to charge the battery and has the following ports:

- 1 USB client connector
- 1 serial connector

Warning

The vehicle cradle is for inside use. Do not use or keep the cradle in cold, humid or wet conditions. You can cancel the warranty and damage the cradle and the Be.U Mobile.

Before you use the Be.U Mobile

Note

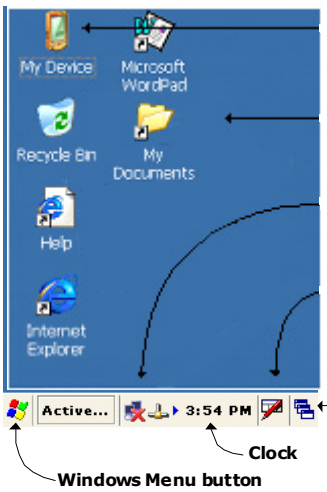
The Be.U Mobile **does not operate without a battery installed**.

- Install the battery in the device. See **“Install the battery” on page 8** for instructions and illustrations.

- Connect an external power source if the battery does not have a full charge. See**"Use external power" on page 9** for instructions and illustrations.
- The device automatically turns on when an external power source is connected. See **"Start the Be.U Mobile" on page 2-14**.
- Adjust the date and time. See **"Set the clock" on page 25** for instructions.

Operating system

The Be.U Mobile runs on the Windows CE operating system. The operating system is the host for all other programs that run in the device. The operating system provides the device components, like the screen and the keyboard. The operating system also manages the look and feel of the programs.



A **desktop** is the support for programs and for the windows displayed by programs. This desktop has two parts.

- The **task bar** at the bottom of the screen contains the main controls and status icons of the system.
- The **desktop background** displays icons and program windows, takes your input, and displays results.

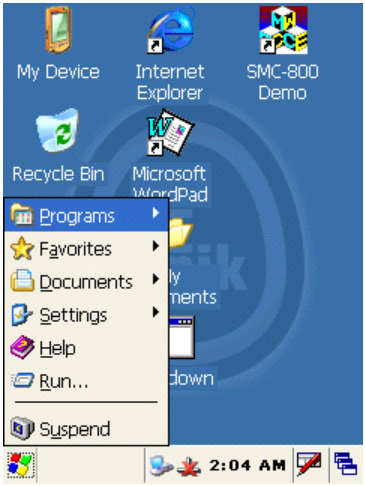
The operating system includes the following components:

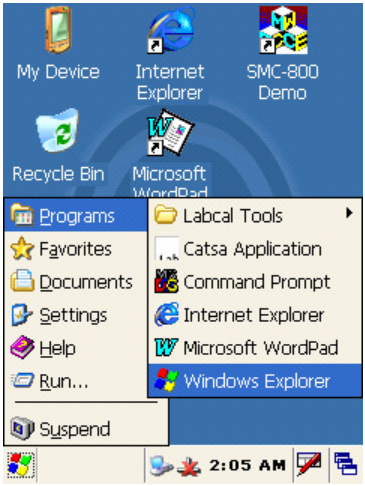
- **The Windows Explorer** is a browser that navigates through the folders stored in read-only memory. Double-tap the **My Device** icon on the desktop to open this browser to examine the root directory of the file system.
- **The Internet Explorer** is a browser you use with a network connection (Ethernet, WiFi, GSM or CDMA). The Internet Explorer

allows you to view Web pages stored on the Internet and on an Intranet. An icon on the desktop opens the Internet Explorer.

- **The Command Prompt** is a text method to run the operating system commands and components.
- **The Control Panel** allows you to adjust many settings of your Be.U Mobile.

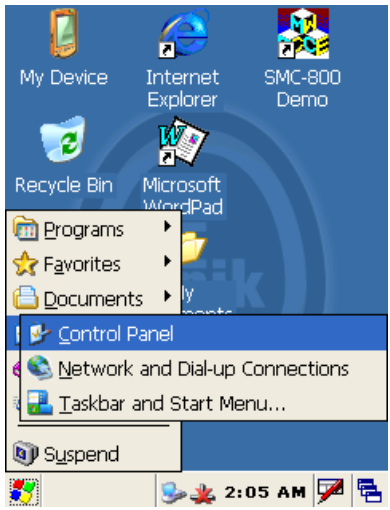
Use the Windows Menu button to access all these components, and any program that can be installed on the unit. The Menu button is in the lower left corner of the screen in the task bar. Use the **stylus** to **tap** the button. The Start menu appears. Select the Programs command. The Programs menu appears. Select the program you require from the menu.





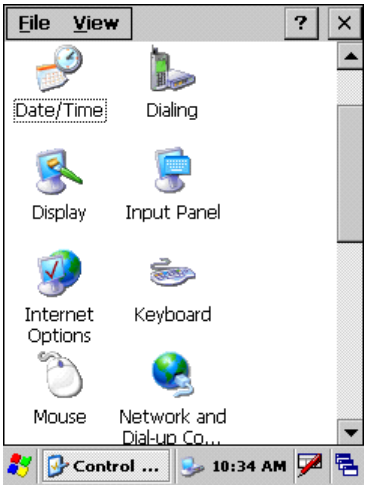
The Control Panel

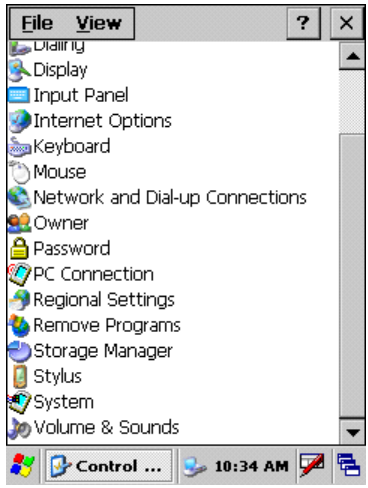
The Control Panel is in the **Settings** menu, where you can find the commands that allow you to adjust parts of the operating system.



When you start the Control Panel, a window appears that shows a list of icons that match features that you can adjust. A menu appears at the top of the screen, with a help button and a Close button (the X button). Tap the Close button to leave the control panel. A scroll bar at the right of the screen allows you to move to the content that is not on the screen.

If you tap the **View** menu, you can go to other modes, like the List mode which shows more selections at one glance.

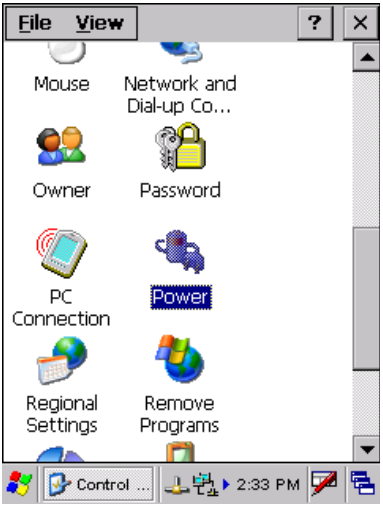




Double-tap on an icon or a menu item to open a program. The menu shows you information about that feature and gives you the method to change the settings.

Power properties

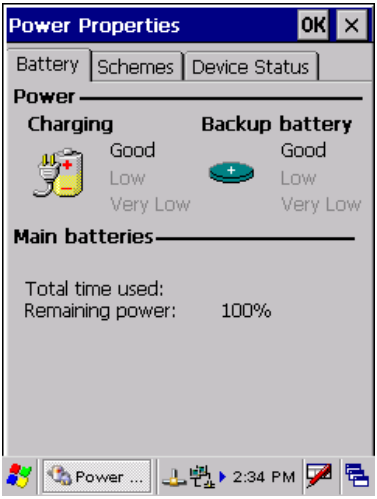
The operating system provides some features that are related to the management of the power supply and the batteries. You use these features through the **Control Panel**. Tap **Power** in the Control Panel:



This program is arranged into tabs that you can select with a tap on the name.

Check the battery charge

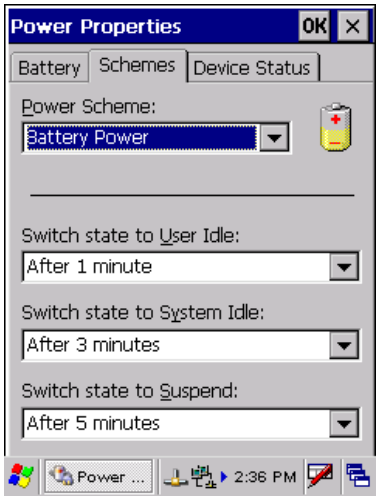
In the **Power Properties** program, tap the **Battery** tab to see the status of the main battery and of the backup battery:



How to adjust the suspend timeout

In the **Power Properties** program of the Control Panel, tap the **Schemes** tab to see the power schemes. A power scheme is a set of actions that use the power efficiently. You can apply these settings with an external power supply and with the battery.

When the Be.U Mobile is turned on, but not in use, the device uses the power schemes to save the battery power.



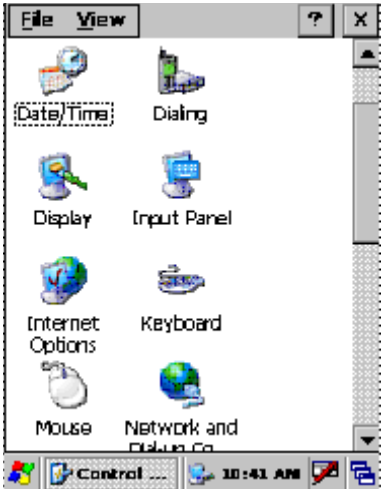
The following table describes the power management schemes.

Scheme	Meaning
User Idle	The User interface items are deactivated first to save power. The backlight is turned off. Tap the screen or press a button to restore the normal mode.
System Idle	The System Idle scheme is like the User idle scheme. More components of the operating system and of the device are disabled, like network interfaces. Tap the screen or press a button to restore the normal mode.
Suspend	The device stops and appears to be shut down. You must turn on the Be.U Mobile to return to the normal condition. There is no data lost. Programs are left open. The Suspend condition saves the maximum amount of power.

Set the clock

The Be.U Mobile has an internal clock that maintains the current date and time. The operating system uses the date and time for time-tags on files, mode control, and security. The clock runs continuously, when the device is in sleep mode or is shut down. The internal clock stops when both the main battery and the backup battery are discharged.

When you turn on the Be.U Mobile, the current time appears in the task bar. To adjust the settings of the clock, **double-tap the clock** in the task bar or open the Control Panel. To open the Control Panel, tap the **Start** button and select **Settings/Control Panel**. Select Date/Time from the list of features managed by the panel. The **Date/Time Properties** program opens with a calendar, the time, the time zone, and a check box for Daylight Savings Time.



Set the date

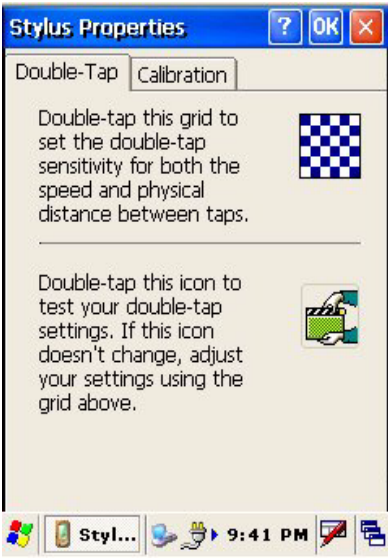
1. On the calendar, tap the date you require.
2. Tap the arrow buttons at the top of the calendar to move through the months. You can Tap the year and an arrow allows you to select the current year.

Set the time

1. Tap the **hour**, **minute**, or **second** to change.
2. Use the arrows at the right of the time box to adjust the **time**.
3. In the **Time Zone** box, tap the arrow to see a drop-down list. You must select your time zone for the Be.U Mobile to use the correct time in communications with other devices.
4. Select the time zone from the list.
5. Select the check box to activate the Daylight Saving Time rules for your time zone. The time automatically changes.

Calibrate the touch screen

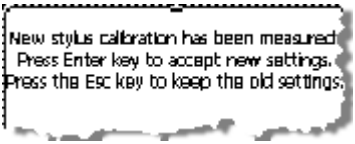
The touch screen is the feature of the Be.U Mobile that you must calibrate before use. The calibration translates the touch signals received from the screen to correct screen positions. If your **taps** and **stylus** positions do not match on the screen, your touch screen needs the calibration procedure. There is a program in the Control Panel to calibrate the touch screen.



1. Tap the **Windows** menu button.
2. Select the **Settings** command.
3. Select the **Control Panel** command.
4. In the list of commands, tap the **Stylus** command. The Stylus Properties program opens for touch screen adjustments. The window has two tabs, **Double-Tap** and **Calibration**. Use the first tab to adjust the operating system to detect the difference between a double-tap and two taps.
5. Double-tap the **upper icon**.
6. Double-tap the **lower icon** to test how the program detects the double-tap.
7. Repeat **Steps 4-5** until you set a good speed for a double-tap. Go to the next step.
8. Select the **Calibration** tab to start the touch screen calibration process. The Calibration tab contains a **Recalibrate** button.
9. Tap the **Recalibrate** button to start the process. A cursor in the shape of a plus sign appears in the center of a white screen

10 You must **touch the middle of the cursor with the stylus**, and hold the stylus steady. The program gets the signals for that location and moves the cursor to another location on the screen.

11 Repeat Step 9 at the new location.The procedure calibrates the touch screen and displays the following message:



12 Tap the screen or press the **OK** button on the keypad to accept the new calibration settings. If you made an error, press the **Cancel** button to return to previous settings.

User interface features

The operating system provides the features to manage the display.

Display

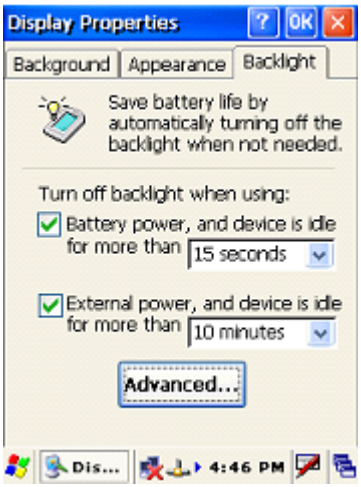
These features are in the **Display Properties** program on the Control Panel**.** Tap **Display** in the **Control Panel** to start the program.

The program is divided into three tabs: **Background**, **Appearance**, and **Backlight**. Tap on the name to select a tab. Do not use the backlight unless required. The backlight can shorten the life of the battery.

Set the duration of the backlight

To set a time period after which the backlight turns off:

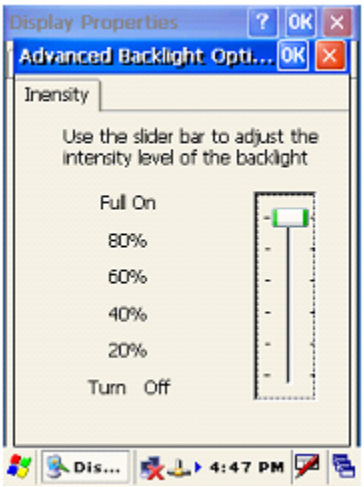
1. Tap the **Battery Power** check box.
2. Tap the arrow to see a drop-down list.
3. Select the time until the program turns off the backlight when the Be.U Mobile is on battery power.
4. Tap the **External Power** check box.
5. Tap the arrow to see the drop-down list.
6. Tap the time until the program turns off the backlight when the Be.U Mobile is on external power.
7. Tap the **OK** button to save your selections and return to the previous window.



Adjust the intensity of the backlight

To set the backlight level, use the following steps.

1. On the Display Properties window, tap the **Advanced** button, The Advanced Brightness Options window appears.
2. Tap and hold the slider control.
3. Move the slider to the brightness you need.
4. Tap the **OK** button to save your selection and return to the previous window



Backlight quick adjustments

You can adjust the brightness of the backlight as follows.

1 Press and hold the Menu key (**1**).

2 Then:

- Press the **Up** arrow (**2**) to increase the brightness.
- Press the **Down** arrow (**3**) to decrease the brightness

Use the feature to adjust the backlight when you are in low light and the backlight is set to the minimum value. You can use the keypad to set the backlight to a good level.

Note

The backlight can shorten the battery life. To increase the battery life, you must adjust the backlight brightness to the minimum good level. Turn off the backlight when you use the Be.U Mobile in daylight.

3 Certifications

THIS CHAPTER DESCRIBES THE CERTIFICATIONS THAT APPLY TO THE BE.U MOBILE™ DEVICE.

FCC Statement

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 when the equipment is operated in a residential environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, 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.

Operation is subject to the following two conditions: (1) this device may not cause harmful interferences, and (2) this device must accept any interferences received, including interference that may cause undesired operation.

Information to user. The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. In cases where the manual is provided only in a form other than paper, such as on a computer disk or over the Internet, the information required by this section may be included in the manual in that alternative form, provided the user can reasonably be expected to have the capability to access information in that form.

CE Mark - Compliance Notice

This equipment is in conformance with the requirements of the European Council Directive listed below:

73/23/EEC Low Voltage Directive with amendment 93/68/EEC

89/336/EEC EMC Directive with amendments 92/31/EEC and 93/68/EEC

TUV Compliance

TUV Mark is an independent product-safety testing and certification organization. The TUV Marks may only be used on or in connection with products certified by TUV and under the terms of written agreement with TUV.

An electrical, mechanical or electro-mechanical product bearing the North American TUV Listed mark signifies that it was tested and meets the minimum requirements of prescribed product safety standards. Moreover, the mark indicates that the manufacturer's production site conforms to a range of compliance measures and is subject to periodic follow-up inspections to verify continued conformance.

WEEE recycling program

WEEE is the European Commdevices directive 2002/96/EC on waste electrical and electronic equipment which, together with the RoHS Directive 2002/95/EC, became European Law in February 2003, setting collection, recycling and recovery targets for all types of electrical goods. WEEE means Waste Electrical and Electronic Equipment, products that run on electrical power.

Due to its nature, any SMC-800 series device and related accessories may contain small quantities of substances known to be hazardous to the environment or to human health if released in the environment. For this reason, Waste Electrical and Electronic Equipment (commonly known as WEEE) should never be disposed of in the public waste stream. The label affixed to this product is a reminder to dispose of this product in accordance with local WEEE regulations.

WEEE-Reg.-No. DE 34468562 for Be.U Mobile.

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