



Iridium Extreme[®]

Software Release Note

IRDM-1023-SRN-001 v1.1

HL15002

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1 Introduction

The purpose of document is to detail the use of version HL15002 of the Iridium Extreme® firmware upgrade tool and document the feature changes contained within this release.

The primary purpose of this release is to enable calling to the Australian emergency services number “000” when no SIM card is present in the handset.

2 Compatibility

The upgrade tool that accompanies this release has been tested with Microsoft Windows 7 SP1 x64. The instructions that follow in this document assume the use of this version of Microsoft Windows.

3 Performing the Upgrade

The following steps should be used to upgrade an Iridium Extreme® from version HL11001 or later.

- Run the upgrade installer application.
 - The application is named “Iridium Extreme Software Upgrade HL15002 Installer.exe”
 - This will place the upgrade tool and USB drivers into the C:\Program Files\Iridium\Extreme directory.

- Prior to performing the upgrade complete the following:
 - Disable Bluetooth on the PC running the upgrade
 - Remove the SIM card from the handset and install the handset battery
 - Turn the handset on
 - Ensure that the battery is fully charged or a charger is connected to the handset

- Connect the handset to the PC using a USB cable.
 - If the handset is being connected to this PC for the first time, or to a USB port that has not been used before, the driver will be installed automatically. If this is the case, wait for Windows to show the “New Hardware Installed” notification before proceeding.
 - If Windows is unable to automatically locate the USB driver, it can be found at C:\Program Files\Iridium\Extreme\USB \VCOMPORT.

- Run the Iridium Extreme Software Upgrade tool.
 - A shortcut to this application should be available in the Start Menu in the Iridium Extreme Software Upgrade folder.
 - The target of the shortcut is C:\Program Files\Iridium\Extreme\Upgrade_Tool\Iridium Extreme Software Upgrade HL15002.exe
- Follow instructions presented by the upgrade tool user interface.
 - During the upgrade process the handset will display various information on the screen, including “Upgrading...”.
 - At times the handset screen may go completely blank.
 - Do not disconnect the handset or press any keys while the upgrade is in progress.

NOTE: The handset will be rebooted into a USB standard DFU (Device Firmware Upgrade) mode during the upgrade. The DFU driver will be installed if the PC has never been used with a handset in DFU mode before. If Windows is unable to automatically locate the USB DFU driver, it can be found at C:\Program Files\Iridium\Extreme\USB\DFU.

4 Change List

The following table lists the changes made in HL15002 that may affect the product user. The table lists only the changes made since the previous release, HL14003.

Issue ID	Description
3134	Calls to the emergency services number “000” are now are permitted when no SIM card is present in the handset.
4978	Fixed an issue where sending an SMS at the same time that an SMS was being received would cause an error.
5326	Corrected indication of units of distance (meter vs kilometer) in Location Based Services reporting message.
4601	Access to the functionality of the AT commands CLIP and CLIR was added to the Intelligent Peripheral protocol.
5324	Fixed condition that prevented retrieval of the SIM ICCID using the Intelligent Peripheral protocol.