Expeditionstechnik Därr GmbH • Ottweilerstrasse 2f • D-81737 München

Iridium 9575 Extreme
Firmware Upgrade Instructions

Introduction

This document details the use of the Iridium Extreme® firmware upgrade tool and lists the feature changes contained within the version HL17001 release. The primary purpose of this release is to provide a number of improvements and fixes.

2 Upgrade Tool OS 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 HL17001 Installer.exe"
- This will place the upgrade tool and USB drivers into the C:\ProgramFiles\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

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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 HL17001.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 Device Firmware Upgrade (DFU) 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 HL17001 that may affect the product user.

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Issue ID	Description
4364	Improved accuracy of reporting when SMS storage on the SIM has reached capacity.
6070	Updated startup splash screen to display a NEXT constellation satellite.
5678	Improved handset upgrade: added support for Windows 10; required drivers are now installed automatically; and the upgrade itself is faster in some situations.
3451	Added functionality to allow short codes to be stored in the phonebook, used from the phonebook, and dialed directly.
1726	Improved responsiveness to power button press to turn the handset off.
6824	Improved the translations for some non-English menu languages and added Kurdish (Sorani) as a new language option.
6866	Fixed an issue where Location Based Services would not work correctly after a power cycle with the charger connected.
6223	Improved reporting of signal strength on the user interface and the AT interface.
5903	Fixed an issue where a remote DTMF button press could unmute a local handset.
6045	Use of SBD services is now permitted when no SIM card is present in the handset. (Note: Mobile-Terminated SBD messages are not supported on the Iridium Extreme® handset.)

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