UNIStim Firmware Release 3.4 for IP Phones

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Background:

Nortel is pleased to announce the availability of UNIStim firmware release 3.4 for IP Phones. UNIStim firmware release 3.4 makes available firmware versions:
- 0604DCN for Phase II IP Phones (2001, 2002 & 2004),
- 0621C6R for IP Phone 2007,
- 0623C6T, 0624C6T, 0625C6T and 0627C6T for IP Phone 1110, 1120E, 1140E and 1150E respectively and
- 062AC6T for IP Phone 1210, 1220, and 1230

Nortel recommends an upgrade to these releases of firmware for all applicable IP Phones and Call Servers at the earliest convenience. These releases are being provided as a no charge update to all customers.

UNIStim firmware release 3.4 for IP Phones is available for download from the Software Download link under Support and Training on the Nortel website located at http://support.nortel.com. The firmware is available by phone model under Phones, Clients and Accessories.

These firmware loads have not been introduced as the default loads for the IP Phones shipped from Nortel.

Analysis:

UNIStim firmware release 3.4 for IP Phones delivers enhancements to Nortel's IP Telephony Solution and delivers general quality improvements.

The enhancements available with UNIStim firmware release 3.4 for IP Phones include:
- Screen Saver support (including slideshow) on the IP Phone 2007
- Support for Voice Signaling Application in LLDP-MED Network Policy TLV
- Incoming calls accepted during Zone Paging
- AG interface enhancement - forwarding of cookie deletion events
- GXAS interface enhancement - expanded Status Updates commands
- OS Diagnostics support on the IP Phone 1100 series

For complete details on the new enhancements please refer to the attached bulletin P-2009-0131-Global

In addition to delivering the enhancements listed above, the UNIStim firmware release 3.4 for IP Phones also continues to improve the overall quality of the IP Phone firmware through the delivery of ongoing resolution of CRs and closed cases. Numerous quality improvements have been delivered, and 6 customer cases have been closed in UNIStim 3.4.

Recommendations:

Nortel recommends an upgrade to these firmware releases at the earliest opportunity. These firmware releases are compatible with the below Nortel Call Servers (note that the IP Phone 1200 series is only supported on Communication Server 1000 release 5.5 and greater, and SRG 50 release 3.0).
- CS 1000 release 6.0
- CS 1000 release 5.5
- CS 1000 release 5.0
- CS 1000 release 4.5
- CS 1000 release 4.0
- SRG 50 release 3.0
- SRG 50 release 2.0
- SRG 200/400 release 1.5

Required Actions:

Upgrading the firmware in a Communication Server 1000 environment:
For information on the TFTP firmware upgrade process for the Communication Server 1000, please refer to the IP Phones Fundamentals NTP NN43001-368. For information on the UFTP firmware upgrade process for the Communication Server 1000, please refer to the IP Line Fundamentals NTP NN43100-500.

Upgrading the firmware in a Survivable Remote Gateway (SRG) 200/400 and SRG50 environment:
For information on firmware upgrade processes for the SRG200/400, please refer to the Main Office Configuration Guide for SRG200/400 Rls1.5, NTP 553-3001-207. For information on firmware upgrade processes for the SRG50, please refer to the Main Office Configuration Guide for SRG50 Rls 2.0, NTP 553-3001-207.

Upgrading the firmware in a Business Communications Manager (BCM) environment:
Upgrading of the firmware is dependent upon a BCM system patch that includes the set firmware. This is applicable to all BCM platforms. BCM system patches will be delivered initially as atomic patches that are individually installable. These patches will be rolled up into a monthly Smart Update which includes all atomic patch content since the previous Smart Update. Patches and Smart Updates are posted for partner access on the www.nortel.com/support web site under Voice, Multimedia & Unified Communications then under the respective BCM platform.

Upgrading the firmware in a Communication Server 2100 CICM environment:
Depending on the MR level, the IP Phone firmware will either be included in the installation files or will need to be transfer to the CICM Element Manager. If the firmware is included in the installation files some manual administrator configuration will still be required. If the firmware is not included in the installation file the administrator can transfer these firmware loads to the CICM Element Manager, configure the terminal's Recommended and Minimum firmware levels and the Element Manager will propagate the firmware to the CICM. The user will be prompted to upgrade their firmware at their own convenience. For details on using the CICM Element Manager to configure the recommended firmware and how to upgrade the IP Phones, refer to the CICM Administration and Security NTP (NTP NN10252-611.06.03) in the section titled Downloading firmware to the CICM Element Manager.

Attachments:

Click here to access attachments (1 attachments)

Products and Releases:

The information in this bulletin is intended to be used with the following products and associated releases:

PRODUCT	RELEASE
BCM-BCM-SRG200 1.5 Global	
BCM-BCM-SRG400 1.5 Global	
BCM-BCM-SRG50 2.0 Global	
BCM-BCM-SRG50 3.0 Global	

Enterprise VoIP-Core-CS 1000E	04.00T
Enterprise VoIP-Core-CS 1000E	04.50W
Enterprise VoIP-Core-CS 1000E	05.00W
Enterprise VoIP-Core-CS 1000E	05.50J
Enterprise VoIP-Core-CS 1000E	6.00R
Phones & Accessories-IP-IP Phone 1110	0623C6T
Phones & Accessories-IP-IP Phone 1120E	0624C6T
Phones & Accessories-IP-IP Phone 1140E	0625C6T
Phones & Accessories-IP-IP Phone 1150E	0627C6T
Phones & Accessories-IP-IP Phone 1210	062AC6T
Phones & Accessories-IP-IP Phone 1220	062AC6T
Phones & Accessories-IP-IP Phone 1230	062AC6T
Phones & Accessories-IP-IP Phone 2001	0604DCN
Phones & Accessories-IP-IP Phone 2002	0604DCN
Phones & Accessories-IP-IP Phone 2004	0604DCN
Phones & Accessories-IP-IP Phone 2007	0621C6R

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REFERENCE: P-2009-0008-Global-Rev1
PRE-REQUIRED PATCH:
PATCH ID:

Nortel recommends any maintenance activities, such as those outlined in this bulletin, be completed during a local maintenance window.