Product Bulletin

Bulletin Number: **P-2007-0055-Global** Date: 27 February 2007

Maintenance Release 97.070 for Nortel WLAN Handset 2210/2211/2212

Date	Revision #	Summary of Changes
27 February 2007	Original bulletin	This is the original publication

Introduction

Nortel* is pleased to announce the general availability of the 97.070 maintenance release of firmware for the WLAN Handset 2210/2211/2212 and the general availability of the 2.11.07 maintenance release of firmware for the Nortel WLAN Handset Configuration Cradle to be used with the 97.070 handset firmware.

Nortel recommends that the firmware release 97.070 be used for all WLAN Handset 2210/2211/2212 installations on Communication Servers CS1000, CS2000, CS2100 and BCM and should be loaded onto existing sites at the first convenient opportunity.

Compatibility and required patches are shown in the table below. This firmware can be downloaded from the Nortel website (instructions later in this document).This maintenance release is being provided as a no charge update to all customers.

The firmware for the WLAN IP Telephony Manager 2245 is maintained at the current level of 174.027. The WLAN IP Telephony Manager 2245 is offered in three models with a ten user version and a twenty user version and 500 user version.

Nortel WLAN Handset Configuration Cradle

In order to reduce the time involved in the initial configuration and ongoing administration of WLAN Handsets, Nortel has introduced a "Configuration Cradle". The Configuration Cradle improves the productivity of system administrators by allowing configuration changes to be quickly loaded into handsets. Configuration cradles are also useful for changing the WPA and WPA2 pre-shared keys. Configuration cradles may also take an image of the internal operating environment of a handset that has failed, providing a better view of the handset operation status at time of failure. The Configuration Cradle connects via a serial RS-232 connection to a Windows 2000 or Windows XP computer. An included Graphical User Interface application is used to configure the WLAN Handsets.

 Configuration cradles are supported for WLAN Handsets with Firmware Release level 97.060 or better.
Only Configuration Cradle version 2.11.07 should be used with handset firmware version 97.070.

More information on the Configuration Cradle can be found in Bulletin P-2005-0327-Global entitled **WLAN Handset 2210/2211 – New Functionality and Accessories**

Corrections and Enhancements included in this Maintenance Release

This maintenance release addresses the following problems reported from the field

CR Number	Description	Comment	Outcome
Q01501650	221x does not work with WPA2 security mode	Handsets not working using WPA or WPA2 into Nortel 2300 series infrastructure	Problem fixed and tested OK
None (problem found and fixed in response to customer case)	Short battery life using 97.067		Problem fixed and tested OK
Q01451166	WT menu for deskset key functions not translated for language other than English	Some menus not translated	Extra translations added
Enhancement	*Inclusion of key pad lock during start-up*	*As a programmable option, handset keypads can be locked during start-up to prevent key presses from altering essential configuration information like the handset TN*	*Enhancement included in this firmware release.*

Enhancement	*Inclusion of the capability to pre-dial up to 28 digits prior to pressing the send key to start a call.*	*Number of predial digits extended to allow for more extensive dialing plans*	*Enhancement included in this firmware release.*

Installing this release on Communication Server CS1000 Release 3.0

When installing on CS1000 Release 3.0 the firmware version 97.070 should still be used, but customers should take care as this load does not support any additional features over the currently supported firmware load of 97.040.

In particular the WLAN Handset 2210/2211 Release 2 features are not supported (these are detailed in Product Bulletin P-2005-0327-Global entitled WLAN Handsets New Functionality and Accessories). The non-supported features are summarized below:-

1. CS 1000 – IP Desktop Feature Support These WLAN Handset 2210/2211/2212 features do not work and are not supported on CS1000 Release 3.0. Install PEP MPLR22050 to disable them:
    a. Corporate Directory
    b. Personal Directory
    c. Callers List
    d. Redial List
    e. Virtual Office
    f. Navigation keys
2. WLAN Handset 2212 Support
    The WLAN Handset 2212 is not supported on CS 1000 Rls 3.0. If support is required then it is recommended that to upgrade the CS1000 to Rls 4.0 or later.

Call Server Compatibility, Requirements, and Advisements

The following table lists the versions of firmware/software which are currently supported on different Nortel call servers.

Call Server	WLAN Handset 2210/2211	WLAN Handset 2212	WLAN IP Telephony Manger 2245	WLAN Handset Configuration Cradle	Advisements
CS 1000 4.5 - X21 4.50W - IP Line 4.50.25 or later - SS 4.50.25 or later	97.070	97.070	174.027	2.11.07	Requires PEP MPLR20330 to be installed if the Signaling Server is not running 4.50.88 or later.
CS 1000 4.0 - X21 4.00T - IP Line 4.00.31 or later - SS 4.00.31 or later	97.070	97.070	174.027	2.11.07	Requires PEP MPLR20330 and PEP MPLR20117 to be installed.
Succession Enterprise 3.0 - X21 3.00 - IP Line 3.10.81 or later - SS 2.10.81 or later	97.070	Not Supported	174.027	2.11.07	Requires PEP MPLR18638 to be removed; MPLR18565 to be added. Requires PEPs MPLR18289 and MPLR22050. Contact NETS for installation of these two PEPs
BCM 200/400 4.0	97.070	97.070	174.027	2.11.07	Note 1: BCM 4.0 introduces support for WLAN Handset 2212
BCM 200/400 3.7	97.070	Not Supported	174.027	2.11.07	None.
BCM 200/400 3.6	97.070	Not Supported	174.027	2.11.07	Requires BCM 3.6 Cumulative Patch #3 or later.

SRG 200/400 1.5 (4.0 based)	97.070	97.070	174.027	2.11.07	Note 1: BCM 4.0 introduces support for WLAN Handset 2212
SRG 200/400 1.0 (3.7 based)	97.070	Not Supported	174.027	2.11.07	None.
SRG 200/400 1.0 (3.6 based)	97.070	Not Supported	174.027	2.11.07	Requires SRG 1.0 (BCM 3.6 Based) Cumulative Patch #3 or later
SRG 50 1.0	97.070	Not Supported	174.027	2.11.07	None.
BCM 50 2.0	97.070	97.070	174.027	2.11.07	None.
BCM 50 1.0	Not Supported	Not Supported	Not Supported	Not Supported	WLAN Handsets are not supported on BCM50 Release 1.0

CS 2100 SE09	97.070	97.070	174.027	2.11.07	SE09 is the official introduction load for the WLAN Handsets 2210/2211/2212 on the CS 2100.
CS 2000 SN09	97.070	97.070	174.027	2.11.07	SN09 is the official introduction load for the WLAN Handsets 2210/2211/2212 on the CS 2000.

Firmware Download Instructions

WLAN Handset 2210/2211/2212 firmware version 97.070 and Handset Configuration Cradle Firmware version 2.11.07

WLAN Handsets may not have the current GA version of the firmware when shipped from Nortel warehouse. On installation and subsequent rebooting the handsets will look to the TFTP server for the latest firmware version which must have been downloaded from the nortel.com website and placed on the server.

Version 97.070 firmware is compatible with either new or existing WLAN Handsets 2210/2211/2212. Handset Configuration Cradle Version 2.11.07 firmware is required to download handset firmware 97.070 through the Configuration Cradle. No hardware change is required.

To download the files from the Nortel web site, follow these instructions:
Note: You will need to log in to complete the steps below.

1. Access the www.nortel.com/support web site.
2. Select "**A-Z**" from the "**Find Products**" section.
3. Select "**W**" in the Products A-Z section.
4. Scroll to either "**WLAN Handsets 2210**" or "**WLAN Handsets 2211**" or "**WLAN Handsets 2212**" and select "**Software**".
5. Select the "**WLAN Handsets 2210/2211/2212 Firmware version 97.070**" link and download the file.
6. Select the "**Handset Configuration Cradle Firmware version 2.11.07**" link and download the file
7. Refer to the applicable NTP for instructions on loading the firmware onto the WLAN Handset 2210/2211/2212.

WLAN IP Telephony Manager 2245 Software – version 174.027

Version 174.027 software is compatible with either new or existing WLAN IP Telephony Manager 2245. No hardware change is required.

To download the file from the Nortel web site, follow these instructions:
Note: You will need to log in to complete the steps below.

1. Access the www.nortel.com/support web site.
2. Select "**A-Z**" from the "**Find Products**" section.
3. Select "**W**" in the Products A-Z section.
4. Scroll to "**WLAN Telephony Manager 2245**" and select "**Software**".
5. Select the "**WLAN - IP Telephony Manager 2245 version v174.027**" link and download the file.
6. Refer to the applicable NTP for instructions on loading the software onto the WLAN IP Telephony Manager 2245.

Business Communications Manager 3.6 Software Patch

In order to allow BCM 3.6 systems to correctly operate with the WLAN Handset 2210/2211 (2212 is not supported on BCM version 3.6), they must have a software patch installed.

To download the BMC 3.6 cumulative patch from the Nortel web site, follow these instructions:
Note: You will need to log in to complete the steps below.

1. Access the www.nortel.com/support web site.
2. Select "**A-Z**" from the "**Find Products**" section.
3. Select "**B**" in the Products A-Z section.
4. Scroll to "**Business Communications Manager (BCM)**" and select "**Software**".
5. Select the "**BCM 3.6 Cumulative Patch #3**" link and download the file.

6. Refer to the applicable documentation for installing the BCM 3.6 patch.

Survivable Remote Gateway 1.0 (BCM 3.6 Based) Software Patch

In order to allow SRG 1.0 (BCM 3.6 based) systems to correctly operate with the WLAN Handset 2210/2211, they must have a software patch installed.

To download the SRG 1.0 (BCM 3.6 based) cumulative patch from the Nortel web site, follow these instructions:
Note: You will need to log in to complete the steps below.

1. Access the www.nortel.com/support web site.
2. Select "**A-Z**" from the "**Find Products**" section.
3. Select "**S**" in the Products A-Z section.
4. Scroll to "**Survivable Remote Gateway (SRG)"** and select "**Software**".
5. Select the "**SRG 1.0 (BCM 3.6 Based) Cumulative Patch #3**" link and download the file.
6. Refer to the applicable documentation for installing the BCM 3.6 patch.

References and Related Documents

For more information on the Nortel WLAN Handsets 2210/2211/2212 and accessories, please refer to related documents.   Additional sales collateral information for Nortel authorized resellers is also available.

Product information, and features and benefits can be found on Nortel.com on the URL below:
http://products.nortel.com/go/product_content.jsp?segId=0&catId=null&parId=0&prod_id=47201&locale=en-US

Getting Started documentation is available in a multi-language version shipped with the product. The Nortel WLAN Handsets 2210/2211/2212, User Guides, Quick Reference Cards, NTP's and other technical documents relevant to the Nortel WLAN Handsets 2210/2211/2212 are available to partners via Helmsman at:
https://app49.nortelnetworks.com/cgi-bin/HelmExpress/srchlite?Collection=WLANIP&SEARCH=Power+Search&PF=m&srchTerm=&boolSelection1=AND&srchTerms1=&sl=&CollCount=1&SearchType=2&ShowMeta=1&ShowDates=2&SortOrder=1&startDoc=1&sl=@54.0/@11.0/

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