

BCM 3.6 MSC Core wi06.21 Update

Patch Description:

The purpose of this patch is to apply a new core image to the BCM 3.6 system.

This release was built on November 9, 2005.

Note: It is recommended that, when using Voice Over IP trunks, BCM_360.236_FEPS.33.371600 or later be installed.

CR Resolved:

- **MSC Core wi06.21**
 - Q01247102 GASM8+ MBM will not boot.
 - Q01101726 Cannot call out on idle T1 EAM, auto answer channel.
 - Q01178926 Tandem call MCDN to PSTN and disconnects if the call goes to VM. Update to MCDN protocol to accept a PROGRESS message in a Call Delivered state.
 - Q01222057 Incorrect T1 trunk status on BCM maintenance set (TDR36004)
- **MSC Core wi06.20**
 - Q01227690: MSC Core wi06.19: BCM Update Wizard: Continuous BCM re-boot
- **MSC Core wi06.19**
 - Q01189301 LAN CTE application unavailable
 - Q01167598 BCM1000 MSC resets when a page is made
- **MSC Core wi06.18**
 - Q01100714 Q00969258 Q00572724 Q0110577 Q01187986 Q01128198 Loss_plan_changes_for_IP_telephony_issues
 - Q01200784 Dsaint.1609 is not ported to BCM3.7,BCM 3.5 and BCM3.6
 - Q01121345 Load test - low pass rate on case 3 benchmark - agents busy and core errors
 - Q01184612 BCM 50 Huntgroup overflow call is returning to AA after 1 ring
 - Q01181453 SRG in local no ring back and speech path
 - Q01185678 handsfree issue when taking a held call during all call page
- **MSC Core wi06.17**
 - Q00971020 No sequence checking for unrecognized IEs

- Q01087165 Update UI-Frame handling
- Q01121305 Allow receipt of STATUS msg after 911 call to 5ESS switch
- Q01179729 Loss of Forceauto/spd dial over ic/conf functionality
- Q01101726 Fix for Q01101726 (Cannot call out on idle channel)
- Q01165773 Add MCDN Progress Indicator to the CONNECT message
- Q01026566 Update PRI Makefile to allow creation of D64 files
- Q00971043 Missing Channel ID in RESTART message exception handler
- Q00884059 Support for logging Logevent 310 when sending or receiving STATUS
- Q01033464 Ignore unrecognized IEs in sequence checking
- Q01121305 Allow receipt of STATUS msg after 911 call to 5ESS switch

- **MSC Core wi06.16**

- Q01155829 Link Transfer drops when Supervised
- Q01106980 BCM rebooting

- **MSC Core wi06.15**

- Q01028145 Unable to send digits from slave when master puts Conference on
- Q01150579 Voice Path Lost When Held Conference Created
- Q01157399 Partial Porting of Mitals Update Q01121345 (Ported by Indu)
- Q01107104 Porting of Karum.394 (Ported by Indu)

- **MSC Core wi06.14**

- Q01142073 BCM3.6 400 VoIP trunks dropping
- Q00992293 BCM fails to provide appropriate call treatment during busy/vaca
- Q01113767 BCM 1000, 3.6: Call Logs not showing Ca

- **MSC Core wi06.13**

- Increase DS30_TX_UQUEUE QUEUE_SIZE to 60
- Includes the new busy tone library
- DTMF and FSK CLID fix for Taiwan
- Q01010005 Taiwan Busy tone detection.
- F4839 Poland MP port to BCM 3.6
- Q01103606 BCM 400 3.5 Randomly Rebooting
- Q01113443 BCM 3.6 Huntgroup overflow rings solid switch to DTD servers, old syntax.
- Q01121305 Add support for AT&T Call Queued cause value on BRI trunks
- Q10394937 To resolve the expiration of T310 issue
- Q01121305 Add support for AT&T Call Queued cause value on PRI trunks
- Q01111855 Creating tones file for Spain
- Q01126447 UK GATM driver: Need to change RZ bit to support Algo dongle
- Q01122824 Telset Doesn't Display the Prefix 0 of the CLID.

- **MSC Core wi06.12**
 - Q01107778: Needs upgrade from BCM3.0 to BCM3.6 for T7316E sets
 - Q00992293: BCM fails to provide appropriate call treatment during busy/vacanc
 - Q01087386: BCM36 speakerphone and handset active
 - Q00970904: DPNSS call cut-off's
 - No Number ConferIII CR Fix and 1KHz tone CR fix
- **MSC Core wi06.11**
 - Q01024914: IP Page Delay Feature Enhancement Q01024914
- **MSC Core wi06.10**
 - Hunt group DN's not ringing
- **MSC Core wi06.09**
 - Q01018341: BCM Crosstalk on IP Phones
- **MSC Core wi06.08**
 - Q00869882: Transfer to External Autodialer Drops Call
 - Q01045609: Transfer to External Autodialer Drops Call
 - Q00992293: BCM fails to provide appropriate call treatment during busy/vaca
 - Q01036100: Originate Privacy doesn't properly send Release FUMP under Rejec
- **MSC Core wi06.07**
 - Q01048696: Move Line Fails When Swapping Line or HG keys on CAP or KIM
 - Q01036111: Fump Translator Fix
 - Q00931160: One way speech path between 2 ISDN terminals connected via a T1
 - block nvram id's for IP page delay feature 0000000000
 - Q01035344: Hidden Calls should not be allowed to be put on auto-hold.
 - Q00931157: Modify T1 EAM state machine for JTIC T1 EAM link disconnect test
- **MSC Core wi06.06**
 - Q01035765: core resets during silent monitor session
 - Q01005820: MWI (lamp)status lost once BCM is Powered On/Off
 - Q01028145: Unable to send digits from slave when master puts Conference on
 - Q00923512: PRI202 message appears before notify message is sent by BCM
 - Q01035344: Hidden Calls should not be allowed to be put on auto-hold
- **MSC Core wi06.05**

- Q00974036 - Poland Market option cannot be selected from UM
 - Q00832363 - Silent Monitor : Call Does not release from Supervisor set after
 - Q00987479 - M50: "Copy in Use" lockup
 - Q00971830 - BCM 3.6 hunt group overflow
 - Q00864456 - calls dropping on Timer Recovery
 - Q00957346 - Pause duration in Poland MP is too short
 - Q00880226 - PRI209 message is printed out each time a call is answered by
 - Q00901554 - Porting - DAI does not allow for clearing the Hunt Group Metri
- **MSC Core wi06.04**
 - [Q00925630](#): UK CLID does not work in ASM8+
 - [Q00968360](#): Pulse dialing of Digit 1 has a conflict with Link (Flash) in Poland market
 - [Q00898869](#): Three way Conference introduces static and degraded voice quality for CALA load
 - [Q00964733](#): False polarity reversal detection for the incoming calls.
 - [Q00964720](#): Release handshake is not happening properly. Event 263
 - [Q00895534](#): ASM8+ not supported in double density mode
 - [Q00975071](#): CLID and DS needs to be disabled in BCM 3.6.1 release in ASM8+ Australia profile
- **MSC Core wi06.03**
 - [Q00933352](#): One way speech path on externally forwarded I/C calls
 - [Q00929748](#): BRI issue: fallback to Prime CFWD to External Call is dropped/rejected
- **MSC Core wi06.02**
 - [Q00908910](#): BCM 3.5: Multiple customers: Programmed values change wh
 - [Q00908629](#): Q00908629 Load test: release trunk driver on path failure
 - [Q00934039](#): Cross talk issue
 - [Q00919551](#): Range Indexing Errors in Hunt Group Code
 - [Q00906477](#): BCM3.01/Hunt Group pick-up 0 calling/Phone Lockup/ Set tin/ [also Q00881236 (P3/CSR)]
 - [Q00863025](#): Incoming DPNSS Embark calls fail
 - [Q00910620](#): Populate the Redirecting Number with the pub/priv digits
- **MSC Core wi06.00**
 - [Q00901481](#): No speech path after TRO in PRI to Voip tandem.
 - [Q00864395](#): Reset due to corruption of Timer Call Retention Timer
 - [Q00862133](#): Network Callback Timer Field missing in the UM in UK Profile
 - [Q00901714](#): Remove check for cause in tandem of PROGRESS message (Also Q00823209 [P3/AT])

- [Q00910620](#): Allow the Redirecting Number to be sent to FEPS

CORE Version Codes:

- **MSC Core wi06.21** (Build date: October 7, 2005)
 - 30DcG21 - EE-ETQ-3.6 (T1)
 - 30DdG21 - EE-ETQ-3.6 (E1-Europe)
 - 30DeG21 - EE-ETQ-3.6 (E1-Global)
 - 30DaG21 - EE-CT2P-3.6 (T1)
 - 30DbG21 - EE-ETQ-3.6 (E1-CALA)
- **MSC Core wi06.20** (Build date: October 7, 2005)
 - 30DcG20 - EE-ETQ-3.6 (T1)
 - 30DdG20 - EE-ETQ-3.6 (E1-Europe)
 - 30DeG20 - EE-ETQ-3.6 (E1-Global)
 - 30DaG20 - EE-CT2P-3.6 (T1)
 - 30DbG20 - EE-ETQ-3.6 (E1-CALA)
- **MSC Core wi06.19** (Build date: October 5, 2005)
 - 30DcG19 - EE-ETQ-3.6 (T1)
 - 30DdG19 - EE-ETQ-3.6 (E1-Europe)
 - 30DeG19 - EE-ETQ-3.6 (E1-Global)
 - 30DaG19 - EE-CT2P-3.6 (T1)
 - 30DbG19 - EE-ETQ-3.6 (E1-CALA)
- **MSC Core wi06.18** (Build date: September 16, 2005)
 - 30DcG18 - EE-ETQ-3.6 (T1)
 - 30DdG18 - EE-ETQ-3.6 (E1-Europe)
 - 30DeG18 - EE-ETQ-3.6 (E1-Global)
 - 30DaG18 - EE-CT2P-3.6 (T1)
 - 30DbG18 - EE-ETQ-3.6 (E1-CALA)
- **MSC Core wi06.17** (Build date: August 10, 2005)
 - 30DcG17 - EE-ETQ-3.6 (T1)
 - 30DdG17 - EE-ETQ-3.6 (E1-Europe)
 - 30DeG17 - EE-ETQ-3.6 (E1-Global)
 - 30DaG17 - EE-CT2P-3.6 (T1)
 - 30DbG17 - EE-ETQ-3.6 (E1-CALA)
- **MSC Core wi06.16** (Build date: July 10, 2005)
 - 30DcG16 - EE-ETQ-3.6 (T1)
 - 30DdG16 - EE-ETQ-3.6 (E1-Europe)
 - 30DeG16 - EE-ETQ-3.6 (E1-Global)
 - 30DaG16 - EE-CT2P-3.6 (T1)
 - 30DbG16 - EE-ETQ-3.6 (E1-CALA)
- **MSC Core wi06.15** (Build date: June 20, 2005)
 - 30DcG15 - EE-ETQ-3.6 (T1)
 - 30DdG15 - EE-ETQ-3.6 (E1-Europe)
 - 30DeG15 - EE-ETQ-3.6 (E1-Global)
 - 30DaG15 - EE-CT2P-3.6 (T1)
 - 30DbG15 - EE-ETQ-3.6 (E1-CALA)

- **MSC Core wi06.14** (Build date: June 6, 2005)
 - 30DcG14 - EE-ETQ-3.6 (T1)
 - 30DdG14 - EE-ETQ-3.6 (E1-Europe)
 - 30DeG14 - EE-ETQ-3.6 (E1-Global)
 - 30DaG14 - EE-CT2P-3.6 (T1)
 - 30DbG14 - EE-ETQ-3.6 (E1-CALA)
- **MSC Core wi06.13** (Build date: May 9, 2005)
 - 30DcG13 - EE-ETQ-3.6 (T1)
 - 30DdG13 - EE-ETQ-3.6 (E1-Europe)
 - 30DeG13 - EE-ETQ-3.6 (E1-Global)
 - 30DaG13 - EE-CT2P-3.6 (T1)
 - 30DbG13 - EE-ETQ-3.6 (E1-CALA)
- **MSC Core wi06.12** (Build date: April 20, 2005)
 - 30DcG12 - EE-ETQ-3.6 (T1)
 - 30DdG12 - EE-ETQ-3.6 (E1-Europe)
 - 30DeG12 - EE-ETQ-3.6 (E1-Global)
 - 30DaG12 - EE-CT2P-3.6 (T1)
 - 30DbG12 - EE-ETQ-3.6 (E1-CALA)
- **MSC Core wi06.11** (Build date: March 14, 2005)
 - 30DcG11 - EE-ETQ-3.6 (T1)
 - 30DdG11 - EE-ETQ-3.6 (E1-Europe)
 - 30DeG11 - EE-ETQ-3.6 (E1-Global)
 - 30DaG11 - EE-CT2P-3.6 (T1)
 - 30DbG11 - EE-ETQ-3.6 (E1-CALA)
- **MSC Core wi06.10** (Build date: March 11, 2005)
 - 30DcG10 - EE-ETQ-3.6 (T1)
 - 30DdG10 - EE-ETQ-3.6 (E1-Europe)
 - 30DeG10 - EE-ETQ-3.6 (E1-Global)
 - 30DaG10 - EE-CT2P-3.6 (T1)
 - 30DbG10 - EE-ETQ-3.6 (E1-CALA)
- **MSC Core wi06.09** (Build date: February 28, 2005)
 - 30DcG09 - EE-ETQ-3.6 (T1)
 - 30DdG09 - EE-ETQ-3.6 (E1-Europe)
 - 30DeG09 - EE-ETQ-3.6 (E1-Global)
 - 30DaG09 - EE-CT2P-3.6 (T1)
 - 30DbG09 - EE-ETQ-3.6 (E1-CALA)
- **MSC Core wi06.08** (Build date: February 11, 2005)
 - 30DcG08 - EE-ETQ-3.6 (T1)
 - 30DdG08 - EE-ETQ-3.6 (E1-Europe)
 - 30DeG08 - EE-ETQ-3.6 (E1-Global)
 - 30DaG08 - EE-CT2P-3.6 (T1)
 - 30DbG08 - EE-ETQ-3.6 (E1-CALA)
- **MSC Core wi06.07** (Build date: January 26, 2005)
 - 30DcG07 - EE-ETQ-3.6 (T1)
 - 30DdG07 - EE-ETQ-3.6 (E1-Europe)
 - 30DeG07 - EE-ETQ-3.6 (E1-Global)

- 30DaG07 - EE-CT2P-3.6 (T1)
 - 30DbG07 - EE-ETQ-3.6 (E1-CALA)
- **MSC Core wi06.06** (Build date: December 10 , 2004)
 - 30DcG06 - EE-ETQ-3.6 (T1)
 - 30DdG06 - EE-ETQ-3.6 (E1-Europe)
 - 30DeG06 - EE-ETQ-3.6 (E1-Global)
 - 30DaG06 - EE-CT2P-3.6 (T1)
 - 30DbG06 - EE-ETQ-3.6 (E1-CALA)
- **MSC Core wi06.05** (Build date: October 25 , 2004)
 - 30DcG05 - EE-ETQ-3.6 (T1)
 - 30DdG05 - EE-ETQ-3.6 (E1-Europe)
 - 30DeG05 - EE-ETQ-3.6 (E1-Global)
 - 30DaG05 - EE-CT2P-3.6 (T1)
 - 30DbG05 - EE-ETQ-3.6 (E1-CALA)
- **MSC Core wi06.04** (Build date: September 2, 2004)
 - 30DcG04 - EE-ETQ-3.6 (T1)
 - 30DdG04 - EE-ETQ-3.6 (E1-Europe)
 - 30DeG04 - EE-ETQ-3.6 (E1-Global)
 - 30DaG04 - EE-CT2P-3.6 (T1)
 - 30DbG04 - EE-ETQ-3.6 (E1-CALA)
- **MSC Core wi06.03** (Build date: July 26, 2004)
 - 30DcG03 - EE-ETQ-3.6 (T1)
 - 30DdG03 - EE-ETQ-3.6 (E1-Europe)
 - 30DeG03 - EE-ETQ-3.6 (E1-Global)
 - 30DaG03 - EE-CT2P-3.6 (T1)
 - 30DbG03 - EE-ETQ-3.6 (E1-CALA)
- **MSC Core wi06.02** (Build date: July 20, 2004)
 - 30DcG02 - EE-ETQ-3.6 (T1)
 - 30DdG02 - EE-ETQ-3.6 (E1-Europe)
 - 30DeG02 - EE-ETQ-3.6 (E1-Global)
 - 30DaG02 - EE-CT2P-3.6 (T1)
 - 30DbG02 - EE-ETQ-3.6 (E1-CALA)
- **MSC Core wi06.00** (Build date: June 1, 2004)
 - 30DcG00 - EE-ETQ-3.6 (T1)
 - 30DdG00 - EE-ETQ-3.6 (E1-Europe)
 - 30DeG00 - EE-ETQ-3.6 (E1-Global)
 - 30DaG00 - EE-CT2P-3.6 (T1)
 - 30DbG00 - EE-ETQ-3.6 (E1-CALA)
- **MSC Core wi02.04** (Build Date: April 26, 2004)
 - 30DcC04 - EE-ETQ-3.6 (T1)
 - 30DdC04 - EE-ETQ-3.6 (E1-Europe)
 - 30DeC04 - EE-ETQ-3.6 (E1-Global)
 - 30DaC04 - EE-CT2P-3.6 (T1)
 - 30DbC04 - EE-ETQ-3.6 (E1-CALA)