

BCM050 DSP-FPGA Update

Description: This patch addresses a number of issues as follows:

Modem Connection Failures. Far end echo delay time was increased to 520 ms from 260 ms to allow for inter continent modem connections. Q01218225

Main Unit Analog Trunk Port 61-64 Failures. General symptoms include the loss of function on one or more of ports 61-64 within a few days of initial installation. These symptoms can be temporarily fixed by rebooting the system but re-occur a few days later. This issue affects only BCM50 main unit analog trunk ports and does not affect ports on expansion unit analog trunk MBMs.

T.38 Fax Performance This patch improves the performance of T.38 (Fax over IP) at high data rates.

Music on Hold On some installations, Music On Hold and Page Output functions would not work correctly on system initialization. A reboot would normally restore correct functionality.

Soft Modem Connectivity. Under certain line conditions, such as high echo, the analog modem would not reliably make connection.

DTMF Tone Generation when Dial Pulse Selected When dial pulse was selected for an analog trunk, DTMF tone generation, used for signaling through to far end equipment, did not work correctly.

Alarm 40004 & 40005. This patch addresses a rare system stability issue that would case alarm 40004 or 40005 to be seen in the Element Manager.

System Impact: Patch installation takes approximately 1 minute. Power should not be removed or the system rebooted until the patch has completely installed. The system will automatically reboot during the patch processes.

General Information: It is recommended that this patch be applied to all new installations and on any installed systems that show any of the above symptoms.

Release Compatibility: This patch can be applied to all BCM50 main unit systems (BCM50a, BCM50e, BCM50) that use software version 1.00.2.04g or 1.00.2.04j.

This patch supersedes existing BCM50 patch:
BCM050.025-DSP-FPGA---Version: 1.3---Release1.0