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Software Release Notification

CMR8500 1.2.3 Release

Approval Signatures			
CMR8500 Product Manager: Lou Dubin	Date: 4/20/2010	Network Test: Randy Montgomery	Date: 4/20/2010

Applicability
Release Rev. 1.2.3 (FW0000260A) for CMR8500 DVB IP Encapsulator. Includes all related firmware and SNMP MIBs.

Revision History			
Rev #	**Description**	**Date**	**Prepared by**
-	Release Version 1.2.1	7/17/2009	J. Pausch
Note	Version 1.2.2 never released		
A	Release Version 1.2.3	4/21/2010	J. Pausch

FSCM No. 4J515

Introduction

Version 1.2.3 is the first maintenance release for this product.

New Features

IGMP
Added IGMP support for multicast traffic management.

Bug Fixes

Fixed Redundancy issues causing reboot

While processing the configuration message received from the primary, the backup unit was running out of memory. The amount of memory allocated for saves has been reduced to prevent running out of memory.

Fixed Redundancy issues causing reboot

The QOS bandwidth logic was traversing the QOS list beyond the end of the list. Added logic to detect rehashing the end of the list and to start over.

Removed Debug from ACM Controller Task

Valid Configurations of Modem Firmware

For CMR8500 redundant systems, it is required that both CMR-8500 units are upgraded to version 1.2.3for proper redundant operation.

Compatible SNMP MIBs

MIB Name	Filename	Date
Digicast Networks Root	FW0000023A.mib	3/21/2008
CMR8500 Private MIB	FW0000255-.mib	4/9/2009

Note: The SNMP MIB files are not needed for upgrading the CMR8500; they are only needed if using an SNMP NMS / browser for SNMP monitor and control of a CMR8500 IP Encapsulator. They would be compiled on the NMS / SNMP browser, refer to compile instructions of the NMS / browser.

Digicast Networks Root MIB (FW0000023A.mib) – must be compiled first.
CMR8500 Private MIB (FW0000255-.mib) – contains all CMR8500 specific OIDs.

Known Issue(s) In This Release

<u>Functional</u>

Functional Known Issues

> *Issue:* Occasionally the management network interface won't respond to ARP requests or Pings and requires a power cycle of the IPE before it will respond.
> *Workaround:* None at this time.