

Customer Bulletin

Product Model Name: CS3102 / FS3102

Date: February 2006

Reference No. RTS-CB 007

SUBJECT: CS3102 & FS3102 Controller NVRAM Battery Replacement

Overview

CS3102 and FS3102 storage systems include an on-board battery on the controller to provide back-up power for the NVRAM and RTC.

- The NVRAM is a non-volatile system memory that stores the controller serial number (S/N) and system configuration variables.
- The RTC is a non-volatile system real time clock that provides accurate time for system use and event log time stamps.

Symptoms of an exhausted battery

When the battery needs to be replaced an alert message is displayed in Raidtec Manager:

'NVRAM battery is exhausted and needs replacement'.

The same message is also given where the battery is already completely exhausted. However in this case, the controller serial number and system time may be incorrectly reported.

As a consequence of an exhausted battery the following notification will be shown

'NVRAM checksum invalid, restoring default settings'.

Battery Replacement

Battery replacement is not practical or suitable for users. It is only available through a Plasmon Service Engineer or by returning the complete controller to a Plasmon repair depot.

After battery replacement the system parameters will be restored from disk to the stored values.

Contact Information for Technical Questions:
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Page 1 of 1

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