



*CDM-570L*  
Software Release v1.3.1  
Product Bulletin  
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## ***Redundancy & Expanded Management***

With the release of software version 1.3.1, the CDM-570L now offers enhanced functionality, which is summarized below.

### Redundancy

The CDM-570L is now compatible with two Comtech EF Data redundancy switches, the CRS-170A and the CRS-300 with standard data interfaces.

CRS-170A is a 1:1 L-Band Redundancy Switch that assures fully protected data and signal paths and provides increased confidence that equipment failures will not adversely affect system availability. It switches:

- Tx and Rx L-Band signals
- 10 MHz reference to BUC and LNB
- DC power to the BUC and LNB
- FSK signaling to the BUC

The CRS-300 is a 1:N Modem Redundancy Switch that provides fully automatic or manual redundancy. The protection system consists of a maximum of ten traffic modems, a redundant modem and the CRS-300 redundancy switch. Key functionality of this powerful redundancy switch include:

- Dual, independent AC power supplies
- Passive backplane for signal path
- Normal traffic is not interrupted upon power failure
- Non-interruption of user data when other traffic modem interface circuit cards are removed
- Data and clock are provided to the redundant modem when in bridged mode
- Programmable hold-off times to backup or restore

For more information on either the CRS-170A or the CRS-300, please refer to the specific datasheets, which are available on our web site, [www.comtechefdata.com](http://www.comtechefdata.com), then click on "switches."

### Expanded Management Interfaces

Previously available only when the optional IP Module was enabled, the base modem now includes an embedded Web server plus a Telnet interface for management purposes. All modem parameters on the CDM-570L can now be configured and monitored via standard HTML Web pages or a Telnet interface. In order to utilize these methods of management, the CDM-570L must be connected to a network via the 10/100 Mbps Ethernet port. The Telnet interface used in conjunction with EDMAC provides Ethernet monitor and control of distant-end modems in point-to-point configurations.

If you have any questions about this announcement, please contact your Comtech EF Data sales associate.

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