



CDM-570L
Software Release v1.3.1
Product Bulletin
January 17, 2005

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, 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.

e-mail: sales@comtechefdata.com

Voice: 480.333.2200

Fax: 480.333.2540



2114 West 7th Street
Tempe, Arizona 85281 USA
Tel: 1 480 333 2200
Fax: 1 480 333 2540
www.comtechefdata.com