Comtech EF Data is pleased to introduce the new generation Media Router S2 platform, the CMR-5975. Similar to its predecessor platform, the CMR-5975 enables the reception of DVB-S and DVB-S2 IP-based multimedia (video, audio and data) content to be delivered over satellite and distributed to remote devices connected to the MR-S2 via an Ethernet LAN. The Comtech EF Data Media Router S2 is unique, since it provides a DVB-S or S2 input with an Ethernet output.

Replacing the CMR-5970, the new platform includes substantial hardware and software improvements, including:

- 1:1 redundancy support
- Enhanced LNB power circuit
- Expanded Simple Network Management Protocol (SNMP) support
- Next generation hardware platform

1:1 Redundancy Support
For mission critical applications, the CMR-5975 supports 1:1 redundant operation. When functioning in redundant mode, the backup unit's output is muted. Once an event is triggered that causes the switch over, the primary unit automatically mutes when the secondary unit comes online.

Enhanced LNB Power Circuit
For more configuration flexibility, the CMR-5975 enables users to set 0VDC in addition to 13V or 18V. Previously in the CMR-5970, 0VDC was not an option and required an external DC block. In addition, the LNB circuit in the new platform was improved to sustain a 600 mA load instead of the previous platform's threshold of 350 mA. Short circuit protection to the LNB circuit is another enhancement in the new Media Router S2.

SNMP Support
Enabling proactive management, the CMR-5975 supports a variety of SNMP commands. Both a public MIB II and a private MIB are available to support the polling of Eb/No, Es/No, lock state traps, such as redundancy switch over, alarm, and tuner lock/unlock. The interface also allows users to set the Eb/No threshold that defines when a trap will fire if the Eb/No falls below the user-defined setting.

Next Generation Hardware Platform
The CMR-5975 hardware platform has significant enhancements compared to the previous CMR-5970, including:
- A chassis constructed of aluminum, decreasing the overall weight
- A larger Field Programmable Gate Array (FPGA), enabling more future feature enhancements
- Compliance with the European Union Directive on the Restriction of Hazardous Substances, Directive 2002/95/EC (EU RoHS)

For additional detail on the new Media Router S2, please refer to the datasheet and user documentation available on our web site, www.comtechefdata.com. To place your order, please contact your Comtech EF Data sales associate.

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