

## News Release

### **COMTECH RELEASES FULLY INTEGRATED IP-ENABLED SATELLITE MODEM AND NETWORK AND CAPACITY MANAGEMENT SYSTEM**

*Enables Dynamic Adjustment of Bandwidth Based on Application, Load or Schedule, Increasing Overall Satellite Network Efficiency*

**TEMPE, Arizona, September 23, 2004** – Comtech Vipersat Networks, Inc. and Comtech EF Data Corp, subsidiaries of Comtech Telecommunications Corp. (NASDAQ: CMTL), announced today the release of a new module for the CDM-570L Satellite Modem that enables full integration with the Vipersat Management System.

Comtech EF Data's CDM-570L optimizes L-Band satellite communications. This flexible, low cost offering features data rates from 2.4 kbps to 5 Mbps, fast acquisition demodulation, second generation Turbo Product Coding and a variety of modulation techniques. When configured with the IP Module, the CDM-570L provides advanced features for maximizing satellite link efficiency in IP networks, including the easyConnect™ feature for simplified set up and configuration, static IP routing for unicast and multicast, plus powerful network management via Simple Network Management Protocol (SNMP), Web or Telnet. The expanded, optional features of the IP Module include Header Compression, Payload Compression and Quality of Service (QoS) for even greater bandwidth efficiencies, plus 3xDES data encryption.

Optionally, the CDM-570L Modem with IP module can now be integrated with the Vipersat Management System (VMS) to provide a fully automated network and capacity management tool designed specifically for satellite networks. VMS, which has been deployed globally for the last six years, provides traditional monitor and control functions more efficiently than other M & C protocols, and now allows enhanced capacity and bandwidth management capabilities for the CDM-570L Satellite Modem. VMS gives satellite service providers and enterprise operators the ability to dynamically adjust bandwidth utilization based on application, load or schedule.

VMS also allows the CDM-570L Satellite Modem to switch from shared to dedicated mode. Inbound transmissions from remotes can be switched from a shared Selective Time Division Multiple Access (STDMA) mode to a dedicated Single Carrier Per Channel (SCPC) connection manually or automatically, triggered by application or load, or on a scheduled basis. This enables the network to more effectively handle connection-oriented applications and reduces both latency and network congestion. Through VMS, dynamic point-to-point mesh connections can be established between remotes. The result is an economical and flexible network, enabling bandwidth to be shared and directed where it is needed for any mix of IP voice, video or data traffic.

New CDM-570L Satellite Modems are now available for shipment with VMS integration. Existing CDM-570L customers can upgrade to add the new network and bandwidth management functionality and existing VMS users can capitalize on the features and performance of this latest generation, high performance satellite modem.

**About Comtech Vipersat Networks, Inc.**

Comtech Vipersat Networks provides complete solutions that optimize bandwidth utilization for broadband 2-way multimedia over satellite networks in the global marketplace. The company's products enable applications such as video teleconferencing, voice, data, and Internet/intranet delivery to a variety of industries. Product features include dynamic bandwidth allocation and switching, data carrier management, single hop on demand, multi-transponder mode and voice prioritization. Please visit [www.vipersat.com](http://www.vipersat.com) for more information.

**About Comtech EF Data Corporation**

Comtech EF Data Corp. manufactures a broad spectrum of Data and RF products for satellite communications, including Satellite Modems, Network Monitor and Control Software, TCP/IP Performance Enhancement Proxy, Converters, Solid State Power Amplifiers, Transceivers and Satellite Terminals. All products meet or exceed the standards published by Intelsat<sup>®</sup>, Eutelsat, Insat, AsiaSat and other worldwide and regional satellite networks. Please visit [www.comtechefdata.com](http://www.comtechefdata.com) for more information.

Certain information in this news release contains statements that are forward-looking in nature and involve certain significant risks and uncertainties. Actual results could differ materially from such forward-looking information. The Comtech Telecommunications Corp Securities and Exchange Commission filings identify many such risk and uncertainties. Any forward-looking information in this news release is qualified in its entirety by the risks and uncertainties described in such Securities and Exchange Commission filings.

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