



Comtech EF Data Expands WAN Optimization Product Line to Enhance Users' Quality of Experience

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TEMPE, Ariz.--(BUSINESS WIRE)--Aug. 6, 2018-- August 6, 2018-- Comtech EF Data Corp., a subsidiary within Comtech Telecommunications Corp.'s (NASDAQ: CMTL) Commercial Solutions segment, announced today the expansion of its WAN Optimization (WANOp) product line targeted at satellite service providers for Internet trunking applications. The expansion includes new WANOp appliances and enhanced functionality focused on users' Quality of Experience (QoE).

The new Release 7 of the [FX Series WANOp](#) appliance solution delivers unparalleled performance of up to 5 Gbps throughput and 1,000,000 TCP flows, leveraging the bandwidth capabilities of High Throughput Satellites. When paired with Comtech EF Data's CDM-760 Advanced High-Speed Trunking and Broadcast Modem, the FX Series delivers the ultimate Internet trunking solution for satellite service providers.

The FX Release 7 delivers several breakthroughs in terms of user experience enhancements:

- Faster web browsing experience (up to 50%) matching standard terrestrial backhaul Internet access
- Faster file transfer (object download/upload) up to 250 Mbps per session
- Significantly better resiliency to packet loss by several orders of magnitude

The Comtech's WANOp solution is designed to meet service providers' most stringent requirements in terms of:

- Service availability and reliability: Hot swap redundant power supplies, system and LAN/WAN connectivity (dual-path) redundancy, fail-safe pass-through, extended temperature range
- Scalability: One platform, upgradable through software license
- Operation efficiency: Simplified "plug & play" configuration

Another breakthrough is the true Layer 2 / Layer 3 network transparency of the appliance solution, facilitating network deployment and ease of operation. Acceleration is performed on the end user traffic regardless of the underlying network protocols and encapsulation methods. The FX Series WANOp can manage any combination of stacked VLANs, stacked MPLS, Layer 2 or Layer 3 VPN, GTP encapsulated LTE/4G or 3G Mobility traffic, including support of Ethernet Jumbo frames up to 9,000 bytes and dual stack Ipv4/Ipv6.

When paired with Comtech EF Data modems, the FX appliances with Release 7 monitor, in real-time, the available bandwidth and maximize the throughput and usage of the link to the modem's current capacity. This function is essential when using Adaptive Coding and Modulation (ACM), which is commonly the case for satellites operating in Ka- or Ku-bands.

"As a result of our unique feature set and performance, our FX Series WANOp Release 7 solution and our CDM-760 modem were selected by a Tier 1 satellite service provider to deliver ultra-high speed, fiber-like backhaul services to communication service providers," commented Louis Dubin, Senior Vice President, Product Management and Marketing for Comtech EF Data.

Comtech EF Data Corp. is the recognized global leader in satellite bandwidth efficiency and link optimization. The advanced communication solutions encompass the Heights Networking Platform, Advanced VSAT Solutions, Satellite Modems, RAN & WAN Optimization, Network & Bandwidth Management and RF products. The Company is recognized as a technology innovator, and has a reputation for exceptional product quality and reliability. The solutions enable commercial and government users to reduce OPEX/CAPEX and to increase throughput for fixed and mobile/transportable satellite-based applications. For more information, visit www.comtechefdata.com.

Comtech Telecommunications Corp. designs, develops, produces, and markets innovative products, systems and services for advanced communications solutions. The Company sells products to a diverse customer base in the global commercial and government communications markets.

Certain information in this press 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 Company's Securities and Exchange Commission filings identify many such risks and uncertainties. Any forward-looking information in this press release is qualified in its entirety by the risks and uncertainties described in such Securities and Exchange Commission filings.

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