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## Comtech EF Data Heights Networking Platform Enables Unprecedented Throughput, Capacity and Efficiency

*Over 1 Gbps per Network on a High Throughput Satellite, WAN Optimization & Dynamic Mesh*

TEMPE, Ariz.--(BUSINESS WIRE)-- **September 7, 2016** -- Comtech EF Data Corp. announced today the availability of the Heights™ Networking Platform Release 2.4, which enables unprecedented throughput, capacity and efficiency in a fully managed environment for Mobile Network Operators, Service Providers, Premium Enterprise, Mobility and Government vertical markets. The release features additional throughput capabilities, embedded WAN Optimization, Dynamic Mesh support and an embedded Mobility Controller.

- | **Additional throughput** - the Heights Networking Platform now supports shared outbound carriers up to 150 Msp/s each, capable of delivering over 700 Mbps of user LAN throughput to a group of remote sites. Combined with return traffic, a single network can transport over 1 Gbps of user LAN traffic. A Heights hub can support multiple networks, capable of delivering multiple Gbps on a single platform in a fully managed environment.
- | **WAN Optimization** - the release enables embedded WAN optimization in all of the Heights Remote Gateways. WAN optimization with TCP / http acceleration, persistent TCP connections, image smoothing, DNS caching and object caching will significantly improve the user's web browsing experience while reducing the amount of required bandwidth.
- | **Dynamic Mesh Capability** - allows Heights Remote Gateways to setup single hop remote to remote links on-demand avoiding double hop connection through the hub. This reduces latency and required bandwidth for remote to remote communication by 50%.
- | **Mobility Controller** - the release also includes an embedded Mobility Controller for the Heights Remote Gateways supporting automatic beam switching for a mobile terminal. The embedded Mobility Controller interfaces with the Antenna Control Unit for seamless beam switching as terminal crosses beams.

"The Heights Networking Platform is a fully managed carrier-class platform with fully dynamic bandwidth sharing on demand," commented Naresh Jain, Vice President, Product Management for Comtech EF Data. "Coupled with industry-leading IP and WAN optimization, Heights continues to be the leader in providing the highest LAN throughput with most efficient use of expensive satellite resources."

Heights supports multiple business models simultaneously, from full hub ownership and collocation at a third party teleport facility to Virtual Network Operator (VNO) operations. Modular in design, the platform consists of scalable hubs that support any satellite architecture at any frequency band and allows for multiple cost-effective expansion paths. Different hub configurations are offered, each seamlessly enabling connectivity with existing IP infrastructure and capable of providing over 1 Gbps per network.

The four remote gateway options within the [Heights Networking Platform](#) meet the unique, industry-specific needs of end users, and are capable of delivering LAN capacity over 200 Mbps to an individual site. Each remote gateway in a network is assigned bandwidth on-demand by the Heights' dynamic QoS and bandwidth allocation engine blending the flexibility of MF-TDMA with the efficiency of SCPC. In addition, each remote gateway in the network leverages its own optimal modulation and coding method and is not limited to a fixed combination that disadvantages remote gateways to allow for worst-case remote operation, as is the case with a static or adaptive TDMA method.

Comtech EF Data Corp., a subsidiary of Comtech Telecommunications Corp. (NASDAQ:CMTL) and part of Comtech's Commercial Solutions segment, 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](http://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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