C&W Networks Upgrades CFX-1 and EWC Submarine Cables with Ciena

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Pan-Caribbean networks receive a 10-fold capacity boost for enhanced connectivity

HANOVER, Md.--(BUSINESS WIRE)--Sep. 26, 2022-- C&W Networks, a wholesale telecommunications service provider, is leveraging Ciena's (NYSE: CIEN) GeoMesh Extreme to upgrade its CFX-1 (Colombia-Florida Express) and EWC (East West Cable) submarine cable networks to deliver advanced broadband and IP services of up to 400Gb/s. These network upgrades will help address the soaring bandwidth needs of C&W Networks' telco and internet service provider (ISP) customers.

C&W Networks operates the largest submarine multi-ring fiber-optic network in the greater Caribbean, Central American and Andean regions, providing reliable connectivity to approximately 40 countries. The 2400km CFX-1 express cable connects the United States, Jamaica and Colombia with less than 25ms latency, while the 1,700km EWC cable links the British Virgin Islands, Jamaica and the Dominican Republic.

"Online content, especially streaming video, continues to drive robust demand for data and high-speed connectivity in the regions we serve. The additional capacity we're turning up on CFX-1 and EWC with Ciena allows us to meet this demand head-on, enriching our service offerings for customers while sustainably and cost-effectively extending the lifespan of these cable systems," stated Chris Coles, Vice President and General Manager, C&W Networks.

Ciena's GeoMesh Extreme, which utilizes the 6500 Packet-Optical Platform powered by WaveLogic 5 Extreme coherent optics, delivers C&W Networks' new increased capacity with scalable service speeds on existing undersea systems. With Ciena's latest technology, the CFX-1 cable connecting the U.S. with Colombia and Jamaica is transformed to provide a 10-fold capacity increase of over 32Tb/s with 100Gb/s–400Gb/s services.

Visibility and end-to-end management of the cable network is possible with Ciena's Manage, Control and Plan (MCP) domain controller and Ciena Services provides deployment and reconfiguration services to accelerate time to revenue and ensure project success.

"C&W Networks' submarine cables cross the ocean to bring the pan- Caribbean region new opportunities and economic growth through connectivity," said Ian Clarke, Vice President of Global Submarine Solutions, Ciena. "With our GeoMesh Extreme, they're able to do that while maximizing spectral efficiency and minimizing the cost-, space- and power-per-bit transported, resulting in lower total cost of ownership and greater competitive advantage."

About C&W Networks
C&W Networks, part of Cable & Wireless Communications, Limited and wholly owned subsidiary of Liberty Latin America, Ltd, is a wholesale telecommunications service provider that offers broadband, IP capacity to global, regional and local telecom carriers, TV cable companies, Internet Service Providers and Network Integrators. C&W Networks operates the largest subsea multi-ring fiber-optic network throughout the greater Caribbean, Central American and Andean region along with the most comprehensive fully meshed MPLS network in the region. Connecting approximately 40 markets, the company's fully protected ringed submarine fiber optic network spans more than 50,000 km. Cable routes include the Caribbean Optical-ring System (ARCOS-1), Colombia-Florida Express (CFX-1), EC-Link cable system, Fibralink, Maya 1, Eastern Caribbean Fiber System (ECFS), Taino-Carib, East-West Cable (EWC), Cayman-Jamaica Fiber System (CJFS), Caribbean-Bermuda U.S (CBUS), Americas II, Gemini Bermuda, Antillas 1, Pacific Caribbean Cable System (PCCS), and Amerigo Vespucci, Alonso De Ojeda, Saba Statia Cable System (SSCS). C&W Networks also operates terrestrial networks in the US and various Caribbean and LATAM markets. For more information, please visit www.cwnetworks.com.

About Ciena
Ciena (NYSE: CIEN) is a networking systems, services and software company. We provide solutions that help our customers create the Adaptive Network™ in response to the constantly changing demands of their end-users. By delivering best-in-class networking technology through high-touch consultative relationships, we build the world's most agile networks with automation, openness, and scale. For updates on Ciena, follow us on Twitter @Ciena, LinkedIn, the Ciena Insights blog, or visit www.ciena.com.

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