Airtel Deploys One of the World's Newest Photonic Designs from Ciena to Nearly Triple Optic Fiber Capacity for Rolling Out 5G

June 29, 2021

NEW DELHI--(BUSINESS WIRE)-- Bharti Airtel ("Airtel"), India's premier communications solutions provider, has implemented one of the world's newest photonic infrastructure designs from Ciena (NYSE: CIEN) to almost triple optic fiber network capacity for delivering a world-class 5G experience to customers.

Enabling faster deployment of exceptional services to webscale, large enterprise, government, and small/medium business customers requires a network that is high capacity, resilient, and adaptive. Rolling out 600G and 800G in India's largest metros – Delhi, Mumbai, Bangalore, and Kolkata – allows Airtel to fast-track 5G and support high-growth cloud applications while lowering the cost per bit.

Randeep Sekhon, CTO of Bharti Airtel said, "Airtel was the country's first telco to demonstrate live 5G service over a commercial network. As we work to deploy 5G more widely, Ciena plays an integral role in providing an agile network foundation to satisfy our customers' dynamic requirements."

Ryan Perera, Vice President and General Manager, Ciena India said, "The future of data consumption across India is at the edge – in homes, trains, hospitals, automobiles, factories and many other mission-critical environments. By investing in its metro network with Ciena's industry-leading technology, Airtel is ideally positioned to support the booming digital economy."

To improve resiliency and service availability in cities where fiber cuts are common, Airtel has implemented a self-optimizing network design using an advanced C&L-band infrastructure with Layer 0 control plane with Ciena's 6500 Reconfigurable Line System (RLS). Airtel can also proactively localize, troubleshoot, and rapidly repair fiber fault conditions with Ciena's Liquid Spectrum PinPoint OTDR software analytics. Additionally, to maximize efficiency of the network and allow for quick turn up of new high-bandwidth services, Airtel has deployed WaveLogic 5 Extreme coherent optics along with Manage, Control and Plan (MCP) domain controller.

About Airtel

Headquartered in India, Airtel is a global communications solutions provider with over 471 mn customers in 18 countries across South Asia and Africa. The company ranks amongst the top three mobile operators globally and its networks cover over two billion people. Airtel is India's largest integrated communications solutions provider and the second largest mobile operator in Africa. Airtel's retail portfolio includes high speed 4G/4.5G mobile broadband, Airtel Xstream Fiber that promises speeds up to 1 Gbps with convergence across linear and on-demand entertainment, streaming services spanning music and video, digital payments and financial services. For enterprise customers, Airtel offers a gamut of solutions that includes secure connectivity, cloud and data centre services, cyber security, IoT, Ad Tech and cloud based communication. For more details visit www.airtel.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.

Note to Ciena Investors

You are encouraged to review the Investors section of our website, where we routinely post press releases, SEC filings, recent news, financial results, and other announcements. From time to time we exclusively post material information to this website along with other disclosure channels that we use. This press release contains certain forward-looking statements that are based on our current expectations, forecasts, information and assumptions. These statements involve inherent risks and uncertainties. Actual results or outcomes may differ materially from those stated or implied, because of risks and uncertainties, including those detailed in our most recent annual and quarterly reports filed with the SEC. Forward-looking statements include statements regarding our expectations, beliefs, intentions or strategies and can be identified by words such as "anticipate," "believe," "could," "estimate," "expect," "intend," "may," "should," "will," and "would" or similar words. Ciena assumes no obligation to update the information included in this press release, whether as a result of new information, future events or otherwise.

View source version on businesswire.com: https://www.businesswire.com/news/home/20210629005116/en/

Press Contact:
Virginia Stratford
Ciena Corporation
+1 (410) 694-5761
pr@ciena.com

Investor Contact:
Gregg Lampf
Ciena Corporation
+1 (410) 694-5700

ir@ciena.com

Source: Ciena Corporation