

## **Deutsche Telekom Global Carrier Launches Encrypted Lambda Service** *Innovative Solution Enhances 360° Security Strategy*

**Bonn, Germany, October 29, 2019** – Data is of course the lifeblood of business organizations, so awareness regarding cyber theft is high. Yet many do not consider the threat data incurs while it travels unprotected across networks. That's why criminals today have turned their focus to intercepting data while it is in transit. To meet this challenge, Deutsche Telekom Global Carrier, together with Ciena (NYSE: CIEN), has developed a new security service that encrypts all data during its journey across the globe.

Deutsche Telekom Global Carrier's newly launched Encrypted Lambda service encrypts data on hardware located at the client's site and protects it over Layer 1, the physical layer, while it is transmitted. This sets it apart from conventional solutions by allowing for larger data volumes with higher performance, lower costs and faster speeds.

Stuart Evers, Vice President, Access & Transport Management, Deutsche Telekom Global Carrier, explained: "Our Encrypted Lambda solution is truly an innovation. Other providers use traditional methods, which are software based over Layer 3 or 4. That makes encryption CPU intensive, slower and expensive. Because utilizing software requires more servers, adds latency and needs superior set-up and management capabilities."

Jamie Jefferies, Ciena's Vice President & General Manager of Europe said: "Data security remains more crucial than ever for businesses around the globe. With Ciena's WaveLogic Encryption solution, Deutsche Telekom Global Carrier can deliver always-on, proven inflight encryption combined with market-leading performance to its customers where ever they need it."

Clients that would most benefit from the Encrypted Lambda service are those needing to convey very large amounts of confidential data very quickly. An example would be companies within the financial or healthcare areas which require secure wire-speed data transmission over long distances. Transactions must happen within milliseconds in this industry, where millions are at risk of being lost when connections are too slow.

More information about Encrypted Lambda from Deutsche Telekom Global Carrier can be found at <https://globalcarrier.telekom.com/business-areas/access-transport/lambda-connect/encrypted-lambda>

For updates on Ciena, follow the company on Twitter @Ciena, LinkedIn, the Ciena Insights blog, or visit [www.ciena.com](http://www.ciena.com)