Eletronet Builds a Network that Adapts with Blue Planet

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Intelligent software increases the network failure response rate by 95 percent

HANOVER, Md.--(BUSINESS WIRE)-- Eletronet recently deployed intelligent automation software from Blue Planet, a division of Ciena (NYSE: CIEN), to help manage its Internet Protocol (IP) network more efficiently. With Blue Planet's Route Optimization and Analysis (ROA) software's unique ability to combine routing, traffic and performance analytics, Eletronet can now identify and diagnose potential network issues faster, ensuring more reliable delivery of long-distance, high-speed IP transit and data transport services to internet service provider (ISPs) in Brazil.

Key Facts:

- Eletronet is one of the largest IP transit providers in Brazil, currently serving more than 670 ASNs (Autonomous System Number) mainly comprised of ISPs, which places Eletronet in the 64th position of CAIDA's global ranking of Autonomous Systems. This significant number of customers, routes and adjacencies (IPv4 and IPv6) brings a great complexity to the management of the IP network.
- Blue Planet ROA gives Eletronet real-time visibility of its IP/MPLS network, which allows the company to anticipate and avoid routing problems. Eletronet can also simulate failure and traffic growth scenarios. The solution also allows Eletronet to guarantee connectivity to its customers on a network of more than 16,000 kilometers of optical fiber in optical ground wire cables and 164 points of presence.
- In addition, Eletronet is able to reduce additional network management overhead and operational costs because the solution is vendor-agnostic, meaning it can work with existing third-party routers.

Executive Comments:

- "Blue Planet provides a seamless and comprehensive software solution that allows us to anticipate red flags in our network ahead of time, which has increased our network failure response rate by 95 percent. Investing in this new solution enabled us to rapidly respond to network issues while still delivering high quality IP services to our customers."
  - *Anderson Jacopetti, Chief Technology Officer, Eletronet*

- "This deployment of our Blue Planet ROA software lays the foundation for Eletronet to kick-start its evolution to a network that is more adaptive. As most of its network operations have been manually controlled, introducing our software solution enabled Eletronet to manage its network more proactively, monitor activity more accurately and troubleshoot issues faster."
  - *Fernando Capella, Country Manager of Brazil, Ciena*

About Eletronet

Eletronet has a national OPGW-based fiber optic network with more than 16 thousand km, 164 POPs in 18 States of Brazil, integrated to the transmission networks of electric energy. Through this structure of high capacity and availability, telecommunication services with high levels of quality are provided. Eletronet offers high-speed, long-distance telecommunications services to telecommunications operators and internet service providers (ISP). Eletronet is changing the game of the Brazilian Telecommunications Market! https://en.eletronet.com/.

About Blue Planet

Blue Planet, a division of Ciena (NYSE: CIEN), provides market-leading intelligent automation software and specialized professional services to help clients modernize their IT and network operations. Driven by policy and AI-based insights, Blue Planet delivers the closed-loop automation tools needed to align IT and networking processes—critical to facilitating digital transformation. For updates on Blue Planet, visitwww.blueplanet.com.

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