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2:20 pm – 2:40 pm

Unifying Operations: A Common Operational View for DISA using Ciena's Blue Planet

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Abstract:

The Defense Information Systems Agency (DISA) operates one of the largest network infrastructures in the world supporting critical missions and operations globally. The Department of Defense Information Network (DODIN) is an environment comprised of a collection of multi-layer, multi-vendor devices providing connectivity to the applications and services that ensure mission success for the warfighter and all of those who support them.

Ciena's Blue Planet portfolio offers a comprehensive set of capabilities that provide a "Common Operating Picture" enabling end-to-end visibility across the collection of devices in the DODIN network infrastructure. Blue Planet Inventory can store all end customer services and how they are linked to each piece of infrastructure allowing it to automate the root cause of outage and restoral process. By integrating with DISA's current processes, Blue Planet can aggregate and target operational data sets, allowing for a holistic view of the network. This Common Operating Picture will allow DISA to gain layer-to-layer visibility, tracking the status and performance of various network layers, from physical infrastructure to virtualized services. This enables DISA to proactively identify and address issues, ensuring a seamless user experience for mission success. Including Blue Planet Inventory and Orchestration into DISA's operations, the organization can leverage AI-driven insights and automation to enhance interactions at the helpdesk.