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ExaSwitch: A Revolutionary Solution for Cloudifying the Network

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Abstract:

Lumen introduces ExaSwitch™, a revolutionary network interconnection system that redefines the DoD's network infrastructure. ExaSwitch is engineered to route traffic between networks quickly and dynamically, eliminating the need for third-party intervention. Tailored to meet the evolving needs of the DoD community, it promises to reduce network costs, boost performance and agility, fortify security, and streamline complexity. ExaSwitch is a testament to Lumen's commitment to innovation, offering a high-performance, low-latency, and scalable solution that enables cloud-native applications and services. With the ability to handle up to 400 Gbps of throughput per port, and support for a wide range of protocols and interfaces, such as Ethernet, IP, MPLS, and VSLAN, ExaSwitch is poised to revolutionize the DoD's network infrastructure. By harnessing Lumen's edge computing and network orchestration, ExaSwitch ensures unparalleled efficiency and security. It enables the DoD to deploy and manage network resources on demand, optimize network performance and reliability, and safeguard network traffic against cyber threats. As the DoD embraces commercial innovation, ExaSwitch is poised to ensure they have access to the world's most advanced network.

Witness ExaSwitch at the SIGNAL Innovation Showcase, where it will demonstrate new standards for situational awareness, operational excellence, and innovation within the DoD community.