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11:40 AM - 12:00 PM

***How to Increase Warfighter Efficacy Through Innovations in Edge Computing***

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Abstract:

SealingTech provides modular edge computing servers to the Department of Defense (DoD) for various use cases, including cyber fly-away kits, tactical edge computing kits, AI/ML edge device applications, and more. In this presentation, we aim to advise the Sea Service community on the latest industry innovations that can enhance warfighters' speed, efficacy, and mission success.

We will demonstrate how SealingTech's rapid prototyping, end-user feedback, and Other Transaction Authorities (OTAs) have enabled us to design and quickly field the latest technological advancements throughout the DoD. We will provide a brief overview of SealingTech's edge compute servers and fly-away kits, highlighting how they can reduce the time necessary to achieve mission readiness.

Additionally, our team will share insights from automating software deployments to edge devices by demonstrating SealingTech's new rapid deployment touchscreen for edge devices. This touchscreen enables users to monitor, administer, and redeploy the software stack on edge servers in an optimized manner as easily and quickly as it is to install an app on a cell phone. By automating and optimizing these processes, we significantly reduce the time necessary for teams to become mission-ready and further enhance their ability to perform effectively and efficiently in mission-critical environments.