photo by Tech. Sgt. Mark Thompson

On Net Extension (ONE)

Realize the future of Cyber Network Operations

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ONE

*Realize the future of Cyber
Network Operations (CNO)*

OVERVIEW

The ONE platform provides highly advanced cyber operation capabilities, including the ability to monitor and control capabilities across multiple infrastructures. ONE automates a previously labor-intensive task of monitoring and controlling cyber assets in the mission space using automation while maintaining positive control.

HOW IT WORKS

ONE supports cross-tool automation which allows users to register standardized and custom commands via its Application Programming Interface (API). Tools integrated with ONE utilize automated sending, receiving and logging of commands and responses.

These capabilities greatly extend command and control operations ability to efficiently manage their CNO via a single unified interface.

KEY BENEFITS

ONE's flexibility allows operators to use existing interfaces (command line or other) for which they have been trained to maintain mission monitoring and logging using the ONE API.

The ONE API also facilitates streamlined integration of existing and future tools and capabilities. This significantly reduces time-to-market for development, testing and integration of new tools with the ONE platform.

KEY FEATURES

- Web based interface to monitor and control CNO tools
- Log all commands sent to different tools in a centralized database
- Accommodate different formats and types of command data
- Message queues used to facilitate inter-tool communications
- Cross-tool automation
- Streamlined integration of existing and future tools via Python APIs
- Proven integration with existing infrastructures

photo by Spc. David Poleski

For additional information

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About Assured Information Security (AIS)

AIS provides critical cyber and information security services, products and operations to commercial and government customers. Founded in 2001 and headquartered in Rome, New York, AIS has multiple operating locations and employees throughout the United States.