

# Mercury ES

IP Voice Communications

## *A Breakthrough in Network Centric Voice Communications*

*The Mercury ES IP Voice Communications platform provides defense operations and intelligence functions with a communications capability that is unprecedented in terms of quality, sophistication and speed. Unique Multi-Level Security and Cross-Domain features make information sharing and decision-making across organizations easier than ever.*

Built on the Mercury IP communications technology introduced by Trilogy in 2001, Mercury ES is a multi-channel voice communications platform that operates on LANs/WANs over terrestrial or satellite-based IP networks. Users access the system via browser-based control panels with up to 256 call buttons and an impressive 32 channel capacity. Unlike traditional communications technologies, users can participate in multiple communications simultaneously - including direct, conference, and monitor-only call types. In addition, radios, telephones, and other communications technologies can be linked to the system to provide users with a unified communications control panel.

The Mercury ES platform also represents a major breakthrough for organizations who need to communicate between multiple levels of security and across domains. The Mercury ES Voice Bridge is a first-of-a-kind technology that allows communications to traverse traditional network security boundaries without introducing the security issues that arise from actually joining the IP networks. To achieve this, Mercury Interface Units are paired and configured to allow analog audio and signals to flow between the networks securely. The Voice Bridges are scalable and can be located at any site where joint, multinational, non-governmental organization (NGO), interagency, state, local and tribal communications links are required.



The hardware and software components of the Mercury ES platform are commercial-off-the-shelf products designed to work with standards-based IT and network technologies. Any number of Mercury ES workstations can be linked together to create a communications platform with incomparable flexibility, capacity and efficiency.

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