



SECUREONE™ MLS TACTICAL CROSS DOMAIN SOLUTION

DATA FLOW SECURITY

All-way, multi-channel, cross domain data protection

Protect information in real time while enabling U.S. and international warfighters to disseminate and receive critical operational and intelligence information with our SecureOne™ Multiple Levels of Security (MLS) tactical cross domain solution (CDS).

The tactical CDS provides connectivity to a MLS infrastructure for tactical embedment or enterprise use. Independent MLS channels simultaneously bridge several security enclaves and networks. You can configure data flow to bidirectional, unidirectional or all-way for each of the channels.

Based on our SecureOne™ and Turnstile™ high assurance guard architectures, the tactical CDS enables information to flow simultaneously between networks of different classification levels, Top Secret through Unclassified. With the high assurance guard, you'll get a multi-way, cross-domain framework with certified policy enforcement, providing easily reconfigurable, user-loadable security rulesets. Once deployed, the tactical CDS doesn't require annual maintenance or software updates.

With the tactical CDS, you can process standard and nonstandard messages as well as other non/semi-formatted file types. Its cross-domain framework ensures quick reconfiguration to a variety of target applications. Unlike competitor products, the tactical CDS enables end users to write and update rulesets in real time using our ruleset development kit, with no annual maintenance license or fee.

KEY FEATURES & BENEFITS

- MLS open architecture supporting up to ten MLS channel interconnection, cross domain communication and multiple classification levels of data
- Multiple one-way and/or all-way MLS high assurance CDS channels
- Designed for tactical embedment with small size, weight and power usage
- Simultaneous Top Secret through Unclassified data protection – in one channel and one step
- Up to 10 Mbps data flow with less than 10 ms latency under four simultaneous security enclave loading
- User-definable policies provide flexible tagging
- EAL-6+ operating system
- NCDSMO Raise-the-Bar Certified

SYSTEM CHARACTERISTICS

- SecureOne™ and NCDSMO-certified architecture
- Top Secret through Unclassified all-way high assurance guard
- Green Hills® INTEGRITY®-178B MLS separation kernel
- Scalable support for multiple decentralized systems and security enclaves
- Low-latency communications (<2 ms typical, ruleset and protocol dependent)
- Designed for remote/network management

SYSTEM INTERFACES

- Up to ten channels utilizing the drawer configuration for Unclassified through Top Secret data
- One channel for management control in embedded version
- Available data interfaces: 10/100BASE-T Ethernet, MIL-STD-1553

CROSS DOMAIN PROTECTED NETWORK WITH MLS SECURITY

You can also use the tactical CDS with our SecureOne™ KOV-74 MLS tactical encryptor. This NSA Type 1, four-channel MLS high-assurance programmable cryptographic product protects Top Secret through Unclassified data, creating a fully configurable cross domain protected network.

PHYSICAL CHARACTERISTICS SECUREONE™ MLS TACTICAL CDS DRAWER



The SecureOne™ MLS tactical CDS are flexible, secure and versatile, and enable multi-level security on the battlefield for a wide variety of platforms.

Specifications subject to change without notice.

Tactical Guard Module

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|---------------|--|
| Dimensions | 7.0" x 3.5" x 1.1" |
| Weight | 1.1 lbs |
| Power | 28W max; 28 VDC input voltage |
| Mounting | Six through holes in corners |
| Interfaces | Three MIL-STD-1553 Five 10/100 BaseT Ethernet Five 10/100/1000 BaseT Ethernet One 10/100 BaseT Ethernet for CDS Control |
| Environmental | MIL-STD-810 MIL-STD-461 |

Enterprise Rack-Mount Drawer

| | |
|---------------|--|
| Dimensions | 19" Rack Mount, 1U profile |
| Cooling | Convection |
| Interfaces | Ten 10/100/1000 BaseT Ethernet Two 10/100/1000 BaseT Ethernet for CDS Control |
| Environmental | MIL-STD-810 MIL-STD-461 |



SecureOne™ MLS tactical cross domain solution with ethernet only

SecureOne™ MLS tactical cross domain solution with 1553 interface



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