

XTS[®] Guard 5

Securing Sensitive Data of All Classification Levels

Agencies are being tasked with securely sharing information across multiple networks of varying security classification levels. Information sharing becomes increasingly complex as networks and platforms evolve and security concerns and connectivity obstacles persist.

XTS Guard 5 is a high-speed, NSA-compliant cross domain solution that enables secure sharing of information between multiple compartments and networks of various security classifications. Listed on the UCDSMO baseline, the XTS Guard 5 is certified for multi-directional cross domain data transfers between networks, domains, and electronic assets. A single solution can process multiple data protocols with a variety of content inspection filters, solving the security and connectivity challenges that agencies face. With deployments throughout the DoD and Intelligence Community, XTS Guard 5 has a longstanding track record of securing sensitive data of all classification levels.

Key Benefits/Results

- **Data Sharing** — Designed for interoperability with current web technology; requires only a client machine browser.
- **Security** — Inspects and removes content based on organizational policy while preserving the original format.
- **High-Speed Communication** — Enables automated, high-speed, secure information sharing in real-time between networks of various security classifications and enclaves for multiple data types.



XTS Guard 5 is available in a variety of form factors, including the enterprise version connecting up to twenty domains.

FOR MORE INFORMATION

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Features

- Multi-domain for multi-network/coalition environments
- Supports up to 20 domains in a single appliance
- Natively supports SMTP, SFTP, XML, and XMPP protocols
- Built-in security incorporating anti-virus, schema validation, and other filters
- Plug-in support for a variety of third-party content inspection filters
- Built on STOP, our general purpose secure operating system

Benefits

- UCDSMO baseline listed
- SABI and TSABI certified
- Customer-controlled configuration and modification leads to lower operating costs
- Multi-protocol support and Intel-based chipset hardware enables tactical configurations and enterprise rack space consolidation
- Module flexibility supports mission adaptations for sustainable deployments
- Flexible configuration options allow systems to meet various agency requirements
- STOP provides a more secure platform through enhanced system integrity

XTS Tactical Guard

Ruggedized versions of the XTS Guard 5 bring the highest level of assurance to the field. Flexible x86 hardware options open the door to tactical deployments such as airframes, ground vehicles, and other environments where SWaP restrictions are mission critical.

Capabilities

- Automated, high-speed, multi-domain/multi-enclave cross domain solution
- Rules and roles-based access controls enforced by STOP
- Native content filters plus support for plug-in content filters
- Linux API available to port applications
- Enterprise-class administration and audit functionalities
- Use of third party products to bridge secure cloud environments

XTS Guard 5 Enterprise Hardware Specifications

Appliance Size	2U: 27" x 19" (other form factors available)
Power	Dual redundant power supply: 100 w/240v, 50-60 hz, auto-sensing
Hardware Lifecycle	BAE Systems specified long-lifecycle hardware reduces hardware variation over time
Supply Chain Integrity	Component traceability
Hardware Warranty and Support	No hard drive return required, with a range of total guard solution maintenance and support options (up to 24x7 support) available
Network Interfaces-standard/maximum	8/20
Network Speed and Connection	1 GbE

STOP Security Highlights

FIPS Validation	FIPS 140-2 Level 1
Common Criteria Certification	EAL 4+ with Target of Evaluation (TOE) encompassing the entire kernel. EAL 5+ ready.
Supply Chain Integrity	Developed exclusively by BAE Systems, Inc. in the U.S.
Kernel Characteristics	BAE Systems closed-source code, with 1/10 th the attack surface of Linux®
Enhanced Security Features	Native full disk encryption Buffer overflow protection Policy revocation without reboot
Access Control Mechanisms	Mandatory Access Control (MAC) Role-Based Access Control (RBAC) Discretionary Access Control (DAC)

About Us

BAE Systems Cybersecurity Products portfolio is focused on enterprise defense and the protection of information. We protect the world's most sensitive information with innovative solutions such as STOP™ secure operating system, our class-leading cross domain products, the Data Diode Solution™ and XTS® Guard 5, and our Secure Information Broker Appliance, SIBA.