

BAE Systems' multi-way cross domain solutions

XTS-400™ trusted platform running STOP 6™ trusted operating system

- Common Criteria EAL5+ evaluated platform.
- Designed and built from the ground up for high assurance and security.
- Bell-LaPadula multilevel mandatory security policy to protect confidentiality, and Biba multilevel mandatory integrity to protect files and applications from tampering.
- Linux® -compatible ABI enables use of existing applications on a high-assurance server.

STOP 7™ trusted operating system

- Designed for potential Common Criteria EAL5+ evaluation.
- A trustworthy, robust foundation that is ideal for developing trusted cross domain, information-sharing, guarding, and server applications.
- Mandatory role-based access control in addition to Bell-LaPadula security and Biba integrity.
- Dynamic security policy can be “locked down,” disallowing further changes.
- Improved performance to meet high-throughput, low-latency requirements.

Solutions built on the XTS-400 trusted platform

Defense Information Infrastructure (DII) guard

- Version 3.1.1.1 on Unified Cross Domain Management Office's (UCDMO) baseline list; approved for secret and below (SABI).
- Control two-way X.400 and SMTP messages and X.500 directory information between enclaves connected to networks at different classifications.

- FORTEZZA® services for message encryption, digital signature, and verification.

Data Sync Guard (DSG)

- Version 2.1 on UCDMO baseline list.
- Bidirectional transfer of critical information between enclaves operating at different sensitivity levels.
- Protocol-independent socket-based data transfers and file transfers via FTP
- Custom policy for rejected data, dirty/clean word searches, and audit and activity logs.
- Configure up to eight network connections with a set of filters in each direction.
- XML, SQL, flat file, and proprietary data formats supported via custom filters.

Secure file server

- Safely and securely bridge multiple networks, each at a different classification.
- View files at lower security levels while higher security levels are inaccessible.
- Guard plug-ins allow automated, policy-based inspection and release of files for secure drag-and-drop downgrade (copy/move to lower security levels).
- File locking (check-in), version control, and live document editing

Multi-level chat

- Version 1.0 on UCDMO baseline list.
- Bidirectional text chat between enclaves operating at different sensitivity levels.



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Approved for public release; DR-090716-02, 8/09

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PUBS-09-E53-02