

XTS[®] Diode

Next-generation security

The XTS[®] Diode is a Raise-the-Bar (RTB) compliant, one-way transfer device. It enables the transfer of data and files between networks by utilizing pitcher/catcher software to transmit and receive data needed by users on networks of different classification levels. This software is hosted on our high assurance operating system STOP[™] as well as Red Hat Enterprise Linux (RHEL).



XTS Diode - hardware enforced one-way transfer device

Features and benefits

- Software is available on RHEL and STOP to allow customers to operate on heterogeneous operating systems.
- Integrated with NiFi filtering, when hosted on RHEL, in order to properly validate the information being transmitted.
- Application options for the solution are predicated on STOP to heighten the level of security at the operating system level.
 - Allowing the XTS Diode to seamlessly integrate with the XTS Guard in order to comply with the latest RTB architectures for deployment.
 - Lowering cost by allowing all products to be purchased and supported from a single vendor, with proven architecture.
- Supports SFTP, SMTP and DSG (TCP/IP) to securely move files, emails, and video streams across networks of varying classification levels.
- Includes forward error correction to ensure messages can be recovered post transmission.
- Diode appliance reaches 10Gb of throughput while maintaining a miniscule footprint.
- First hardware separation device to pass NSA hardware testing, ensuring placement on the RTB-compliant, one-way transfer device list.
- Meeting the RTB requirements, the XTS Diode is perfect for Defensive Cyber Operation deployments.

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