



TurretGate™

Secure Messaging Router

Cross Domain Security (CDS) Solution



Tresys TurretGate delivers high security and performance in an appliance-based Cross Domain Solution (CDS) for appropriate routing of middleware-oriented messaging (MOM) message traffic.

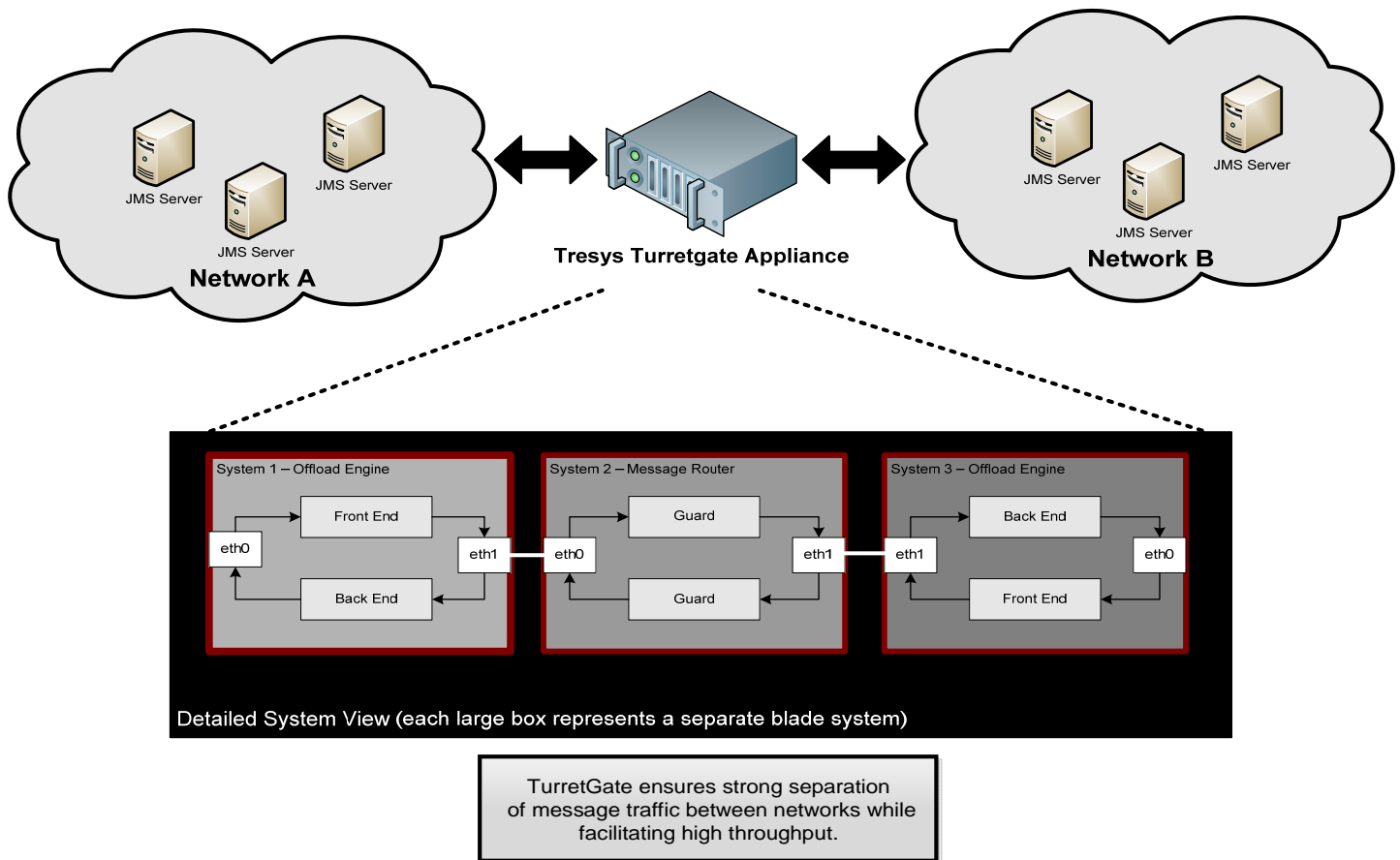
As governments work to more safely and quickly exchange mission critical data, a Cross Domain Solution helps by ensuring the accurate transfer and delivery of information across these domains. Organizations with these stringent requirements are challenged to enable the safe dissemination of information while maintaining high-throughput and low latency.

TurretGate empowers users with a secure, high performance appliance that affords assurance for the safe routing, filtering and delivery of information throughout the organization, and across network boundaries TurretGate includes a strong, yet flexible release policy mechanism that allows organizations to tailor the flow of information across security boundaries based upon the message properties unique to their organization

The current solution focuses on Java Message Service (JMS) and can be developed for other messaging solutions. This unique solution was architected as a CDS blueprint to enable quick development, deployment and certification of CDS implementations.

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| Advanced Security | Leveraging proven security components that meet DCID 6/3 PL4 requirements using the flexible mandatory access control (MAC) via Security Enhanced Linux (SELinux). |
| High Performance | Message transfer capacity rates of up to 10,000 messages per second (per enterprise environment) which is critical for ensuring optimum operational responsiveness. |
| Flexible Filtering | Efficient inspection of messaging metadata provides safe delivery, filtering and configuration of information between systems and enterprise environments. |
| Repeatable Blueprint | Rapid development methodologies coupled with tools and artifacts based on deep expertise in CDS and SELinux provides the ability to expedite certification across multiple environments. |

Tresys TurretGate™ Strong Network Separation



Benefits

Ensures accurate data exchange across multiple security domains via policy and access controls enabled with Security Enhanced Linux (SELinux), a innovative and proven security model for high assurance environments.

Faster operational response is delivered by implementing a high throughput and low latency solution - a capability normally overridden with the requirement for the safe and secure dissemination of information across security domains.

Greater flexibility is provided with a platform that performs release decisions based on configurable security policy and message metadata (e.g., sensitivity, release properties, destination, etc.). Multiple messaging middleware solutions may be implemented.

Reduced support costs are achieved by reducing the number of systems required to handle the message traffic normally throttled by higher latency solutions. This decreases resource requirements necessary to field a successful solution.

Supports “Green IT” initiatives by providing an appliance-based solution with a lower IT footprint than traditional implementations; the impact being reduced cooling and power requirements.

Fast deployment is provided through a streamlined, repeatable CDS blueprint that is built upon certifiable components and pre-defined artifacts to enable speedier certification across multiple environments.

Configurations

- 2 network / 3 board system
- 5 network / 6 board system

Support

Tresys TurretGate is available in multiple packages and includes:

Maintenance

- Software bug fixes, security patches and new releases for the first year
- Replacement of faulty hardware upon return of the hardware
- Extended maintenance contracts annually at 15% of purchase price

Support

- Email support for general technical questions, feature requests, and bug reports
- Telephone incident response support available in annual support packs

Depending upon questions users may be referred to a knowledge base of articles. Customized services, training and support is available for Tresys TurretGate. Contact sales@tresys.com for more information.

About Tresys

Tresys innovates and applies advanced technologies to quickly solve the needs of customers requiring agile responsiveness to security requirements. By leveraging secure open source software, our products and services support the most sensitive security missions around the world. As a result Tresys enjoys a distinct reputation for shifting the way governments and businesses approach security. For more information, visit: www.tresys.com.

