

XD Router™

TurretGate



Assured Information Sharing (AIS) Solution

Tresys XD Router 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.

XD Router [USG program name 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 XD Router 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.

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 thousands of messages per second (per enterprise environment) which is critical for ensuring optimum operational responsiveness.

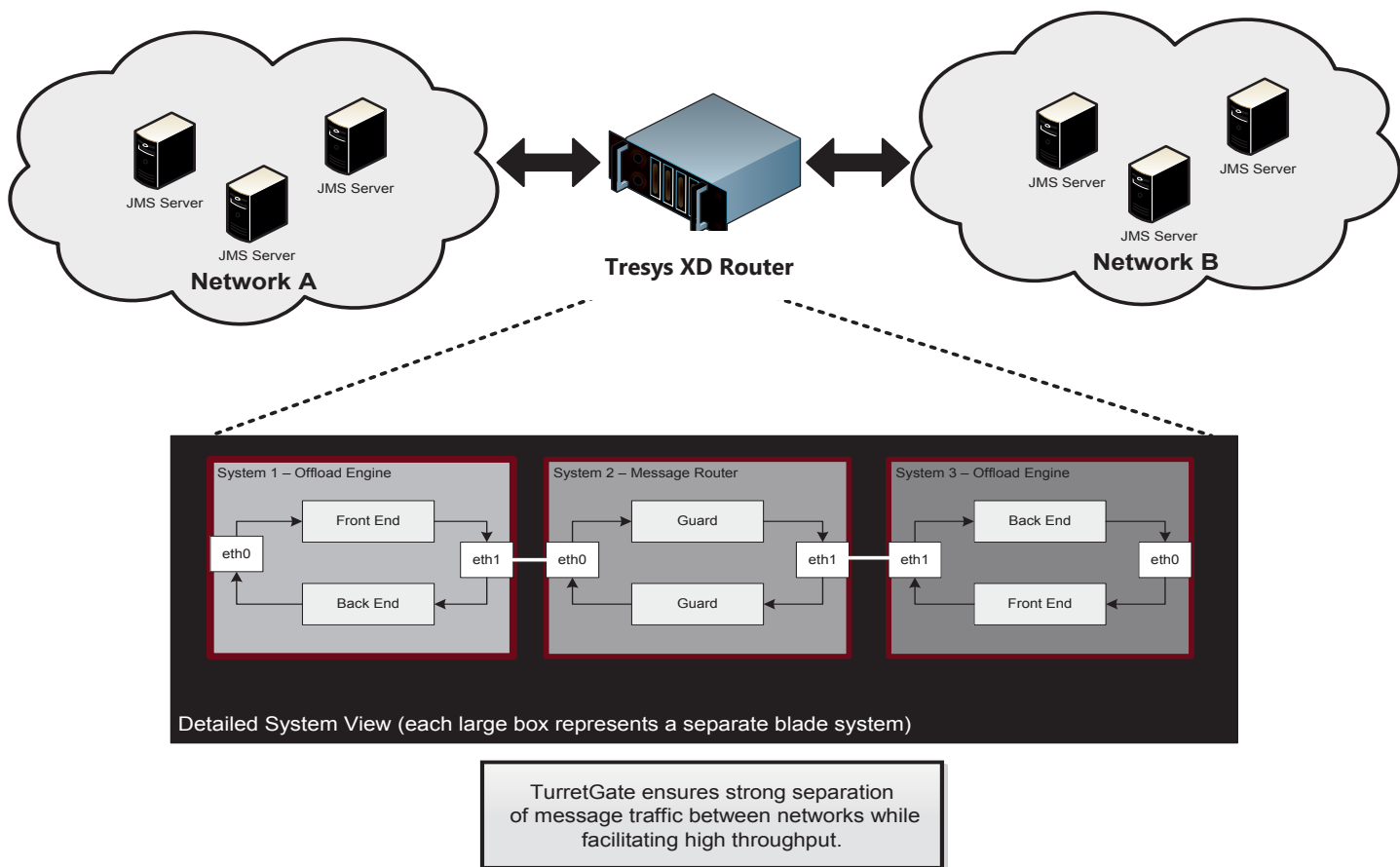
Flexible Filtering

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.

Strong Network Separation



Configurations

XD Router is available in two system configurations:

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

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.

