

# TIBCO FTL Rendezvous Network Server

## BENEFITS

### FULLY INTEGRATED

Provides all TIBCO Rendezvous functionality in a simple, easy to deploy hardware appliance.

### EXTREME PERFORMANCE AND RELIABILITY

Eliminates the need to deploy multiple TIBCO Rendezvous daemons and delivers improved performance, reliability, and manageability in a consolidated solution.

### RAPID APPLICATION DEVELOPMENT

Seamlessly integrates with existing Rendezvous applications and infrastructure components without requiring any code changes or modifications.

### OUT-OF-THE-BOX FAULT-TOLERANCE

Prevents downtime and data loss in the event of appliance failures by providing continuous availability to Rendezvous applications.

### OPTIMIZED NETWORK PERFORMANCE

Provides administrators with the ability to eliminate the complexity of multicast based distribution.

## AT A GLANCE

The TIBCO FTL Rendezvous® Network Server is a high-performance TIBCO Rendezvous® appliance running in a highly customizable virtual environment. It's deployed on a state of the art TIBCO FTL® Message Switch that provides direct network layer integration of messaging infrastructure.

### SIMPLIFYING THE MESSAGING INFRASTRUCTURE

For many years, application developers have leveraged TIBCO Rendezvous to build highly scalable data distributions within the enterprise. As application infrastructures have grown in size and scale, TIBCO Rendezvous has grown with them. Now, with TIBCO FTL Rendezvous Network Server, you can simplify and consolidate these infrastructures while providing increased performance and reliability and decreased administrative and support costs.

### REVOLUTIONARY APPROACH

Melding network technology and server functionality, the TIBCO FTL Rendezvous Network Server provides a truly integrated appliance with inline message distribution for highly reliable performance without specialized hardware, such as field-programmable gate arrays (FPGAs).

### EXTREME SCALABILITY

The TIBCO FTL Rendezvous Network Server gives administrators the ability to manage and consolidate large scale TIBCO Rendezvous server farms into a single hardware deployment. It supports up to 16,000 client connections and provides increased performance and simplified management with the added benefit of reducing network layer complexity by removing the need for multicast.

### ENTERPRISE-CLASS RESILIENCE AND PERFORMANCE

With built in service failover and recovery, you can deploy pairs of TIBCO FTL Rendezvous Network Servers for complete network layer and application layer fault tolerance. In addition, pairs can be deployed as either active/passive or active/active allowing for complete utilization of the physical hardware.

### NATIVE INTEGRATION WITH NEW AND EXISTING SOLUTIONS

Providing built in integration between TIBCO Rendezvous and TIBCO FTL software applications, the TIBCO FTL Rendezvous Network Server provides existing TIBCO Rendezvous environments the ability to seamlessly leverage both a hardware and software approach. It provides built in Rendezvous routing functionality allowing seamless integration with existing software environments. In addition the TIBCO FTL Rendezvous Network Server is built on top of the TIBCO FTL Message Switch, allowing for native integration with next generation solutions that leverage TIBCO FTL and TIBCO eFTL™.

## HARDWARE SPECIFICATIONS

- 2U rack-mountable; Front-to-back airflow for hot-aisle/cool-aisle data center cooling
- Dual-socket high-performance Intel chipset
- 128 GB memory
- 2 x 1 TB RAID 1 hard drives

## ATTRIBUTES & CAPABILITIES

### SIMPLIFIED DATA DISTRIBUTION

Integrates the power of TIBCO Rendezvous software into an easy to deploy hardware solution built on the performance and scalability of the TIBCO FTL<sup>®</sup> Message Switch.

### IMPROVE APPLICATION PERFORMANCE

Provides increased performance and scalability through centralized high performance message routing and distribution. You can reduce network layer operations and remove complexity by collapsing complex deployments into a single hardware appliance.

### NETWORK SIMPLIFICATION

TIBCO FTL Rendezvous Network Server removes the complexity of multicast based distribution by providing a purely TCP/IP based communications infrastructure. Multicast can be leveraged for integration with existing TIBCO Rendezvous deployments but is not required for message distribution using the TIBCO FTL Rendezvous Network Server.

### NATIVE INTEGRATION

With native integration for existing TIBCO Rendezvous deployments, the TIBCO FTL Rendezvous Network Server can be deployed without any interruption to existing services. Migration to the TIBCO FTL Rendezvous Network Server is seamless and can be managed overtime without interrupting existing services and applications.

### BUILT-IN FAULT TOLERANCE

Using a pair of TIBCO FTL Rendezvous Network Servers, administrators can deploy a fully fault tolerant/highly available solution for Rendezvous message distribution. Through the use of VRRP, applications seamlessly reconnect to the secondary appliance and can continue to send and receive message data when a failure event occurs. Fault tolerant TIBCO FTL Rendezvous Network Servers can be deployed to support both active/active and active/passive models for optimal hardware utilization.



**Global Headquarters**  
**3307 Hillview Avenue**  
**Palo Alto, CA 94304**  
**+1 650-846-1000 TEL**  
**+1 800-420-8450**  
**+1 650-846-1005 FAX**  
**www.tibco.com**

**TIBCO Software Inc.** (NASDAQ: TIBX) is a global leader in infrastructure and business intelligence software. Whether it's optimizing inventory, cross-selling products, or averting crisis before it happens, TIBCO uniquely delivers the *Two-Second Advantage*<sup>®</sup>— the ability to capture the right information at the right time and act on it preemptively for a competitive advantage. With a broad mix of innovative products and services, customers around the world trust TIBCO as their strategic technology partner. Learn more about TIBCO at [www.tibco.com](http://www.tibco.com).

©2014, TIBCO Software Inc. All rights reserved. TIBCO, the TIBCO logo, TIBCO eFTL, TIBCO FTL, TIBCO FTL Rendezvous Network Server, and TIBCO Rendezvous are trademarks or registered trademarks of TIBCO Software Inc. in the United States and/or other countries. All other product and company names and marks in this document are the property of their respective owners and mentioned for identification purposes only.

09/12/14