WATERFALL FOR TIBCO

SECURE MONITORING OF TIBCO ENTERPRISE MESSAGE SERIVCE ™

Industrial enterprises frequently need enterprise-wide access to industrial publishers and data. Permitting TIBCO traffic through industrial firewalls introduces significant risks, however, as all connections through firewalls introduce attack opportunities. Waterfall for TIBCO enables industrial networks to replicate data published on enterprise networks without risk to the safe and continuous operation of industrial networks.

The Waterfall for TIBCO Enterprise Message Service™ connector securely replicates TIBCO servers to enterprise networks. Enterprise users access the replicas normally and bidirectionally without risk to the original industrial network. Waterfall's TIBCO connector enables industrial enterprises to safely leverage industrial control system data throughout their enterprises without exposing operations networks to cyber risk.

Waterfall for TIBCO is simple to install, with user-friendly, web-based configuration and monitoring tools. Comprehensive diagnostics include real-time alarms that alert users of fault conditions via Syslog, Windows logs, email, SNMP traps, log files and Waterfall's monitoring console.

BENEFITS OF USING WATERFALL FOR TIBCO

Secure replication of TIBCO Servers

Simple deployment – connector runs entirely in the Unidirectional Gateway with simple web user interface

Eliminates remote-control cyber attacks and online malware propagation

Facilitates compliance with NERC CIP, NIST 800-82, ANSSI, IEC 62443 and more

Seamless interaction with TIBCO ecosystem of industrial publishers

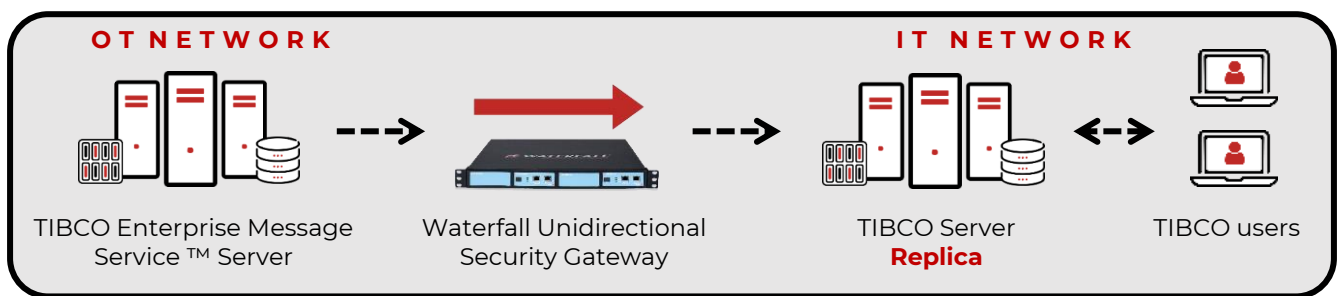Power   Pipelines   Rail   Water   Facilities   Manufacturing

WATERFALL FOR TIBCO

The Waterfall for TIBCO connector replicates operational TIBCO Enterprise Message Service servers in industrial networks to enterprise networks, optionally aggregating multiple plants into a single enterprise server. The Waterfall for TIBCO connector communicates normally with the TIBCO Server, accessing server information and replicating that server to TIBCO systems located in the external enterprise network.

Waterfall's Unidirectional Gateway hardware physically protects industrial assets, preventing any human errors, malware or cyber attacks - however sophisticated - from penetrating through the hardware back into the protected industrial network.

OT NETWORK   **IT NETWORK**

TIBCO Enterprise Message Service ™ Server   Waterfall Unidirectional Security Gateway   TIBCO Server **Replica**   TIBCO users

FULLY-FEATURED & ROBUST SUPPORT:

» Real-time replication of TIBCO publish/subscribe communications and transactions

» Support for all TIBCO data types

» Supports SSL encryption

» Powerful filtering to protect intellectual property

» Flexible configuration of TIBCO transmission and queue parameters

» Full access to TIBCO publish/subscribe features

» Fully transparent to TIBCO enterprise messaging users

» 1-10 Gbps Standard throughput

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ABOUT WATERFALL

Waterfall Security Solutions' unbreachable OT cybersecurity technologies keep the world running. For more than 15 years, the most important industries and infrastructure have trusted Waterfall to guarantee safe, secure, and reliable operations. The company's growing list of global customers includes national infrastructures, power plants, nuclear generators, onshore and offshore oil and gas facilities, refineries, manufacturing plants, utility companies, and more. Waterfall's patented Unidirectional Gateways and other solutions combine the benefits of impenetrable hardware with unlimited software-based connectivity, enabling 100% safe visibility into industrial operations and automation systems.