

# TIBCO MAINFRAME SERVICE TRACKER

## AT A GLANCE

### Complete Real-Time Monitoring of Your TIBCO Mainframe Assets

TIBCO Mainframe Service Tracker™ enables IT and service organizations to monitor and manage their mainframe applications and tasks using the same state-of-the-art TIBCO products that are used for monitoring and managing the rest of the enterprise.

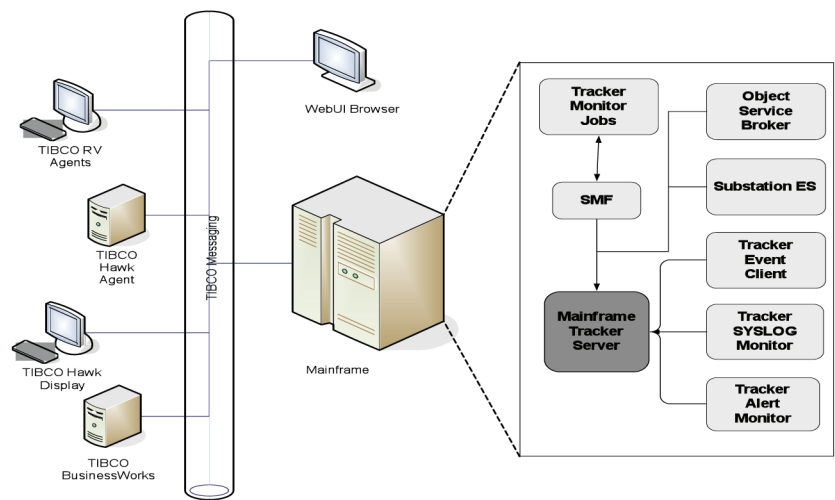
### BENEFITS

- Enables the implementation of a cost-effective, single monitoring and management interface for all business assets – including business-critical mainframe assets
- Provides real-time job status, z/OS log, and application event information to enterprise-wide orchestration or workflow engines, BPM, and other processes
- Brings the powerful monitoring capabilities from the mainframe to TIBCO Hawk®
- Provides a quick return on investment with a short learning curve, simple installation, and easy implementation

### True Enterprise Monitoring

Monitoring the health of and receiving real-time, up-to-date information regarding your system and applications is critical in managing your environments effectively. For enterprises today, this often includes applications and databases that are located on mainframe systems, as well as on open systems. However, due to platform incompatibilities, these mainframe assets are often excluded from standard monitoring processes.

TIBCO addresses the need for true enterprise monitoring with TIBCO Mainframe Service Tracker. This product works in conjunction with TIBCO Hawk and TIBCO Rendezvous® to report on the status of TIBCO applications, other mainframe tasks or jobs and their registered events, and user-published events or alerts – in addition to the assets on open systems platforms. This combination allows IT organizations to have a complete view of their operational assets from a common interface.



TIBCO Mainframe Service Tracker enables the seamless integration of mainframe assets into other TIBCO monitoring processes.

# ATTRIBUTES & CAPABILITIES

## Simple Implementation

TIBCO Mainframe Service Tracker delivers a simple but effective mechanism to monitor z/OS information:

- Operates as an asynchronous service (operates as a z/OS subsystem).
- TIBCO Hawk dynamically discovers Hawk agents associated with tracker tasks and, as with other Hawk micro agents, one or more can be active at any time.
- Facilities and standard z/OS methods are provided for configuration and administration.
- Uses the z/OS console command interface for operational commands.
- Sample programs – supplied in the form of source and executable modules – show various ways to initiate alerts and events from z/OS to a tracker instance (both C and COBOL samples are included for batch and CICS systems).
- Communications are via TCP/IP – installation of TIBCO ESB components are not required on the mainframe.
- Multiple tracker instances can be deployed and configured in a z/OS environment.

## Supported Services

TIBCO Mainframe Service Tracker monitors the following types of services:

- **Monitored Jobs:** The tracker uses two SMF accounting exits that are dynamically loaded to obtain job status information. These exits monitor the start of a job, the termination of a job step and job, end of step or job condition, and more.
- **Event Clients:** A client is embedded, so applications can send critical, real-time information about mainframe applications or tasks to other processes. This is implemented via a simple single-call mechanism. The clients can send alert messages – which are comparable to Hawk unsolicited messages – and notification messages, which are used for critical, error, or informational events.
- **Smart Clients:** An intelligent client performs the same functions as an event client, while also providing a communications mechanism that enables sophisticated applications to subscribe to job monitoring. Applications with a smart client embedded are then able to react according to the available status of jobs.
- **z/OS SYSLOG:** Information from the syslog can be monitored and forwarded by enabling text search and message identification.

## PLATFORM & STANDARDS

- Current versions of z/OS
- TIBCO Hawk 4.8.x and TIBCO Rendezvous 8.x and above

### About TIBCO

TIBCO Software Inc. (NASDAQ: TIBX) is a provider of infrastructure software for companies to use on-premise or as part of cloud computing environments. Whether it's efficient claims or trade processing, cross-selling products based on real-time customer behavior, or averting a crisis before it happens, TIBCO provides companies the two-second advantage™ – the ability to capture the right information, at the right time and act on it preemptively for a competitive advantage. More than 4,000 customers worldwide rely on TIBCO to manage information, decisions, processes, and applications in real-time. Learn more at [www.tibco.com](http://www.tibco.com).

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