EMS801: Advanced Administration with TIBCO Enterprise Message Service™ 8.x

COURSE OVERVIEW
This two day course describes advanced administration capabilities of TIBCO Enterprise Message Service (EMS). In this course you will review the JMS messaging standard and examine key features of TIBCO EMS, including threading, server and client memory management, and fault tolerance. You will explore common patterns when using routing, bridging and multicasting and identify various techniques used to optimize EMS server message handling. Message compression, transactions, reliability, and confirmation are also examined in detail.

Attendees examine EMS design considerations such as message volume, latency, and storage. They will identify the various options to monitor the EMS Server, including TIBCO Enterprise Administrator and the Java API. This course is taught in a Windows Environment.

LEARNING OBJECTIVES
- Describe the TIBCO EMS architecture and extensions
- Demonstrate how to install, administer and configure EMS
- Describe the various messaging models and their implementation using EMS
- Implement threading, memory management
- Examine implementation patterns for multicasting, bridging, and routing using EMS
- Explore EMS design considerations

COURSE TOPICS
- TIBCO EMS messaging models
- API 1.x and 2.x review and key programming recommendations
- EMS threading model and server memory management
- Implementation best practices for bridging, routing, and multicasting
- Design considerations in small and large scale deployments
- Monitoring and fault tolerance usage scenarios

COURSE PREREQUISITES
- EMS301: TIBCO Enterprise Message Service™ 8.x Administration