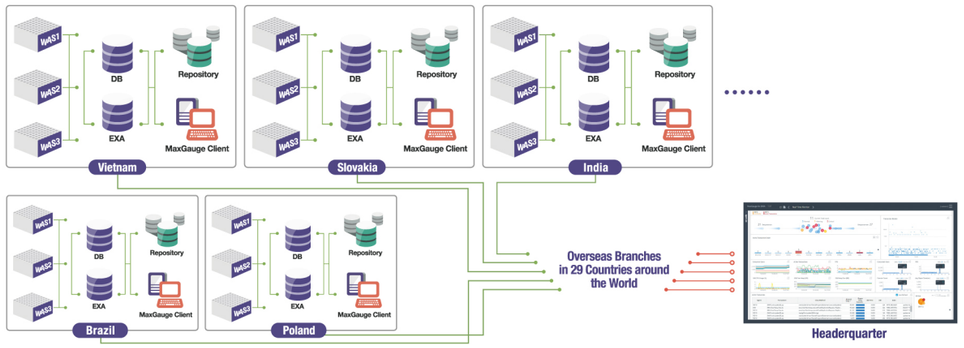
Best Practice

System Setup



SAMSUNG ELECTRONICS

- System : Global MES(Manufacturing Execution System) in 29 Countries
- Average Transactions
  - Manufacturing Part : 700~1,000TPS
  - Mobile Part : 1,500~2,000 TPS

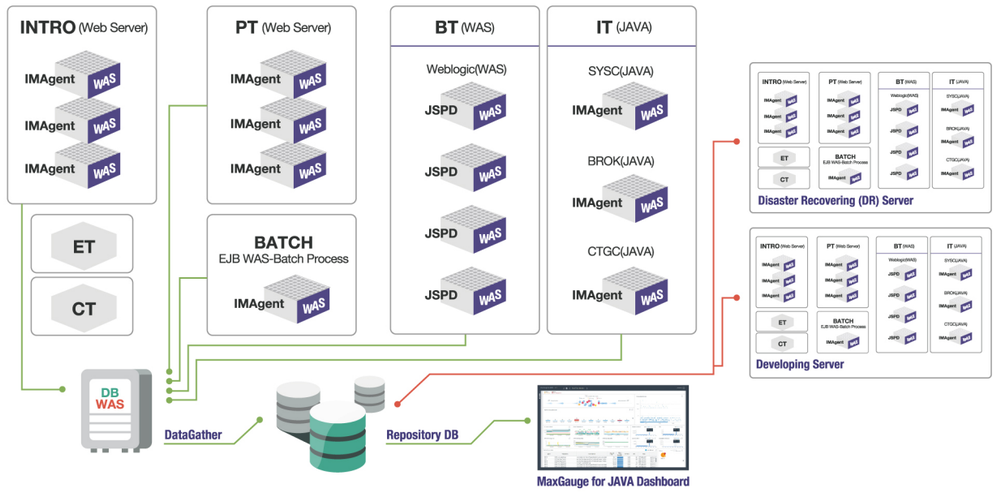
MaxGauge Products

- MaxGauge for Oracle
- MaxGauge for SQL Server
- MaxGauge for JAVA

Remarkable Effect

- Integrated monitoring on the huge number of systems in many countries
- Immediately pinpointing any performance issue of the production systems
- Monitoring load balance among servers under multi-tier environment

System Setup



WOORIBANK

- System : Online Banking System
- Peak Time Transactions : 2,100 TPS
- Average Transactions : 1,000 TPS

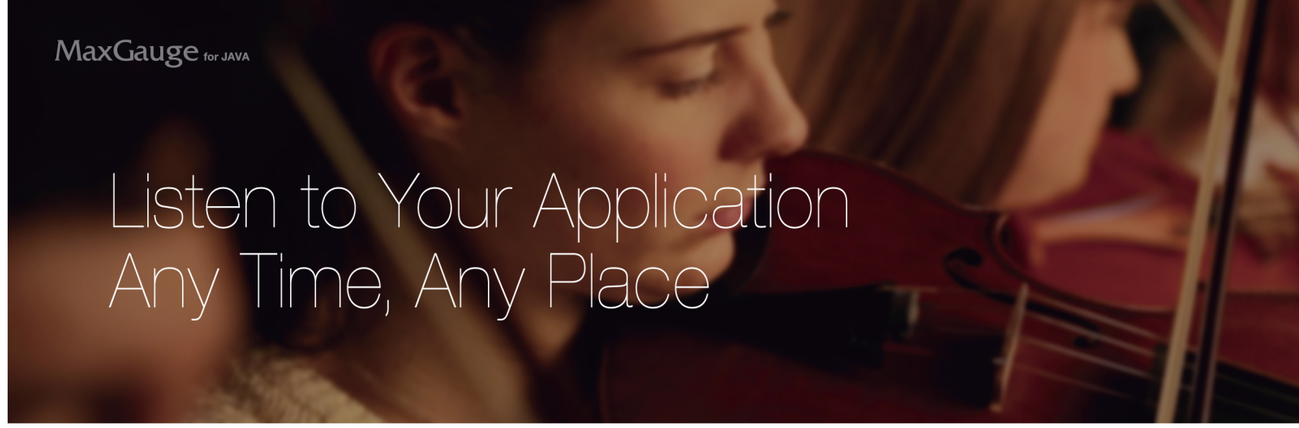
MaxGauge Products

- MaxGauge for Oracle
- MaxGauge for Java
- MaxGauge for E2E

Remarkable Effect

- Immediately pinpointing the root cause of any performance issue during developing and operational tasks of online banking
- Reducing the troubleshooting time and preventing repeated issues
- Enabling the detailed management at service level
- Improving the quality of customer services

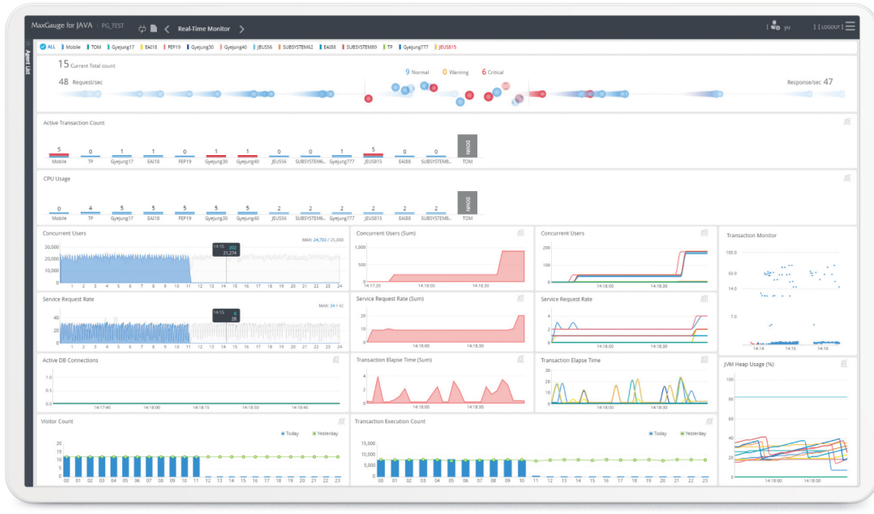
20280 S. Vermont Ave.,Suite 200 Torrance,CA 90502,USA TEL : 714-833-2055 FAX : (310)532-8799 E-MAIL : sales@maxgauge.com



Integrated Solution for WAS Performance Management

MaxGauge for JAVA

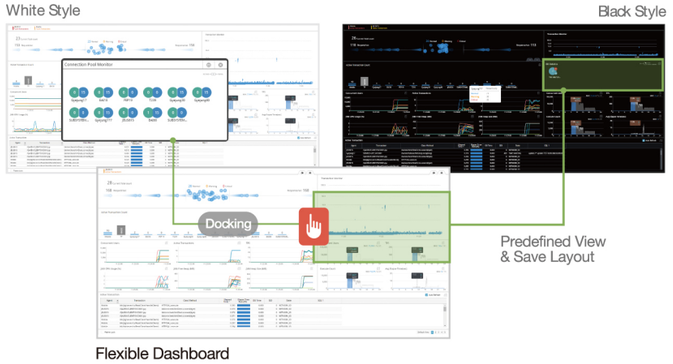
MaxGauge for JAVA is an unique application performance management(APM) solution providing linkage analysis with database session at transaction level. With its powerful monitoring and analytical capabilities, MaxGauge allows you to manage applications in the best possible manner with the least waste of time and resources.



Real-Time Monitoring

Collects all performance stats at every second and provides real-time monitoring at a minimum load.

- Active Transaction Monitor
- Transaction Response Time Monitor
- Performance Stat
- Service Stat
- Active Transaction List
- DB Monitor
- Connection Pool Monitor
- GC Stat

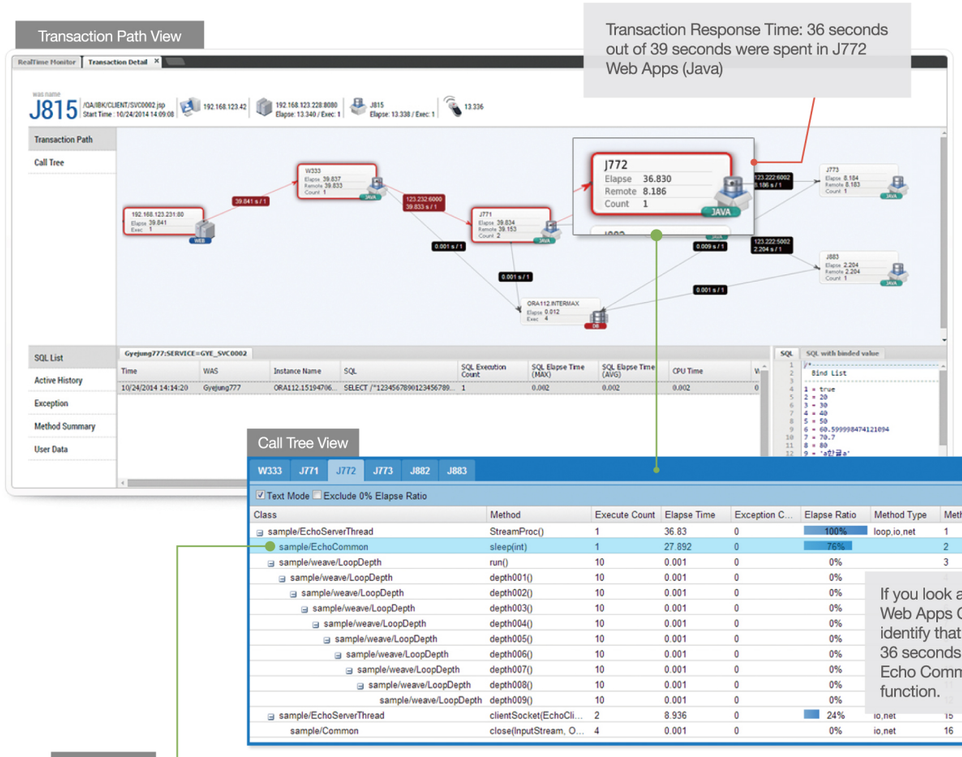


MaxGauge for JAVA

Performance Analyzer

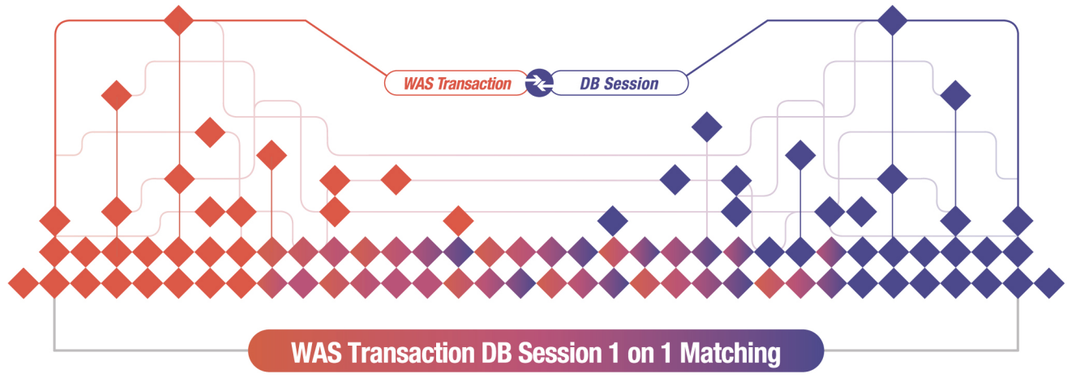
Transaction Path View

The path flow of all transactions running in the application is automatically displayed on the screen. The user can identify the delay period based on the elapsed time and analyze the root cause in detail with just a few clicks.



Web Apps(Java) Transaction DB Session 1:1 Match

You can easily identify the root cause of performance issues by 1:1 matching of the application transaction with the DB session information generated by the transaction.



Database session information is provided from WAS active transaction list simultaneously

Main performance indicators are provided such as active session and lock tree

Recognize the DB performance time, work amount and wait events at once

Database is traced to identify which session performs an execution thread of a particular transaction

DB Monitoring

www.maxgauge.com