MAXGAUGE for MySQL

PRODUCT DOCUMENTATION

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  - ARCHITECTURE
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- **FEATURE**
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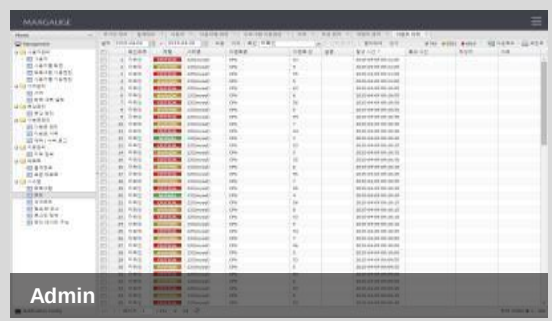
  - ADMIN
  - PERFORMANCE ANALYZER
- **PERFORMANCE ANALYZER**
  - ALERT & MONITORING
  - EXEM DASHBOARD

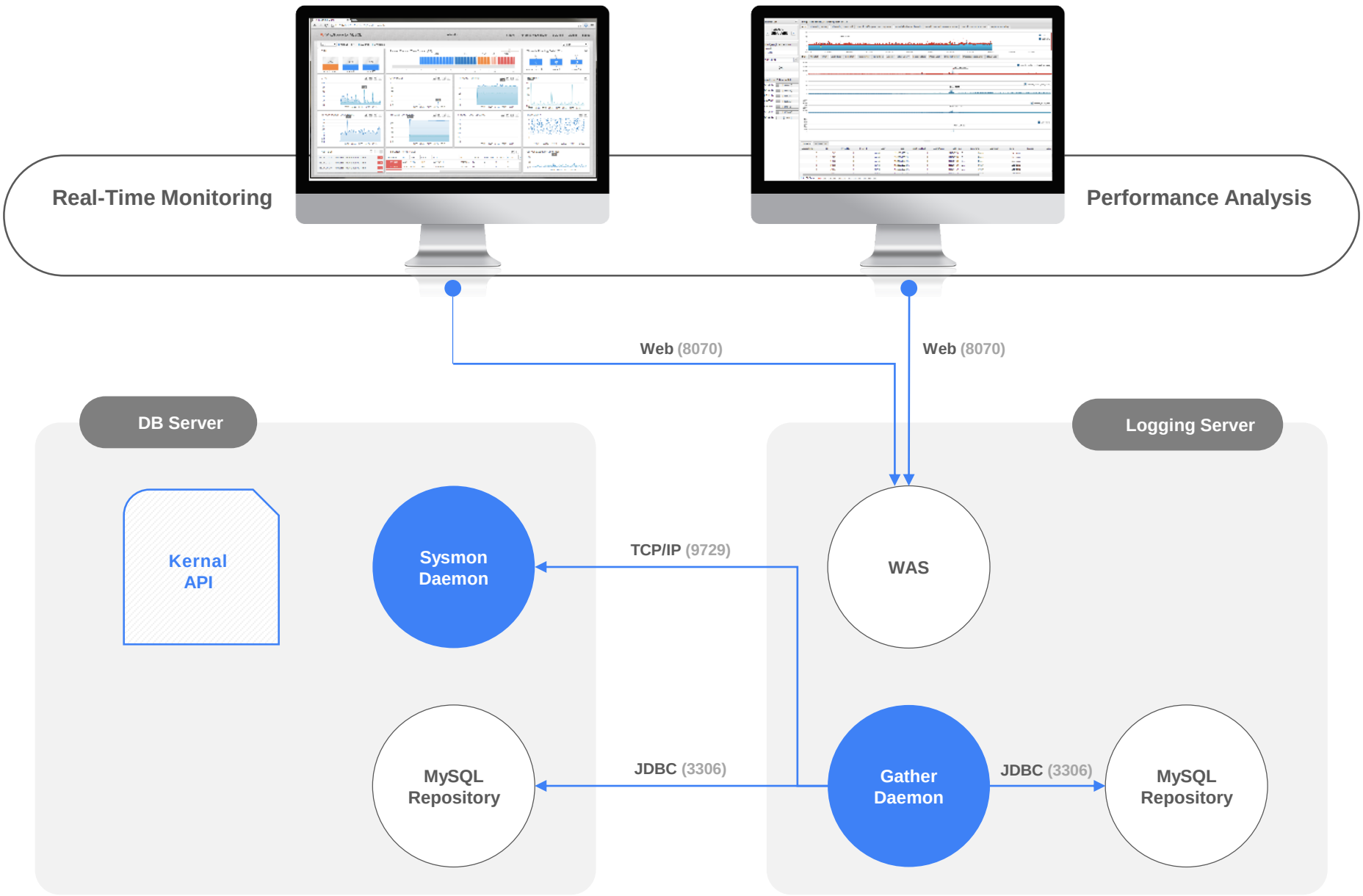
MAXGAUGE for MySQL

OVERVIEW
ARCHITECTURE
FEATURE

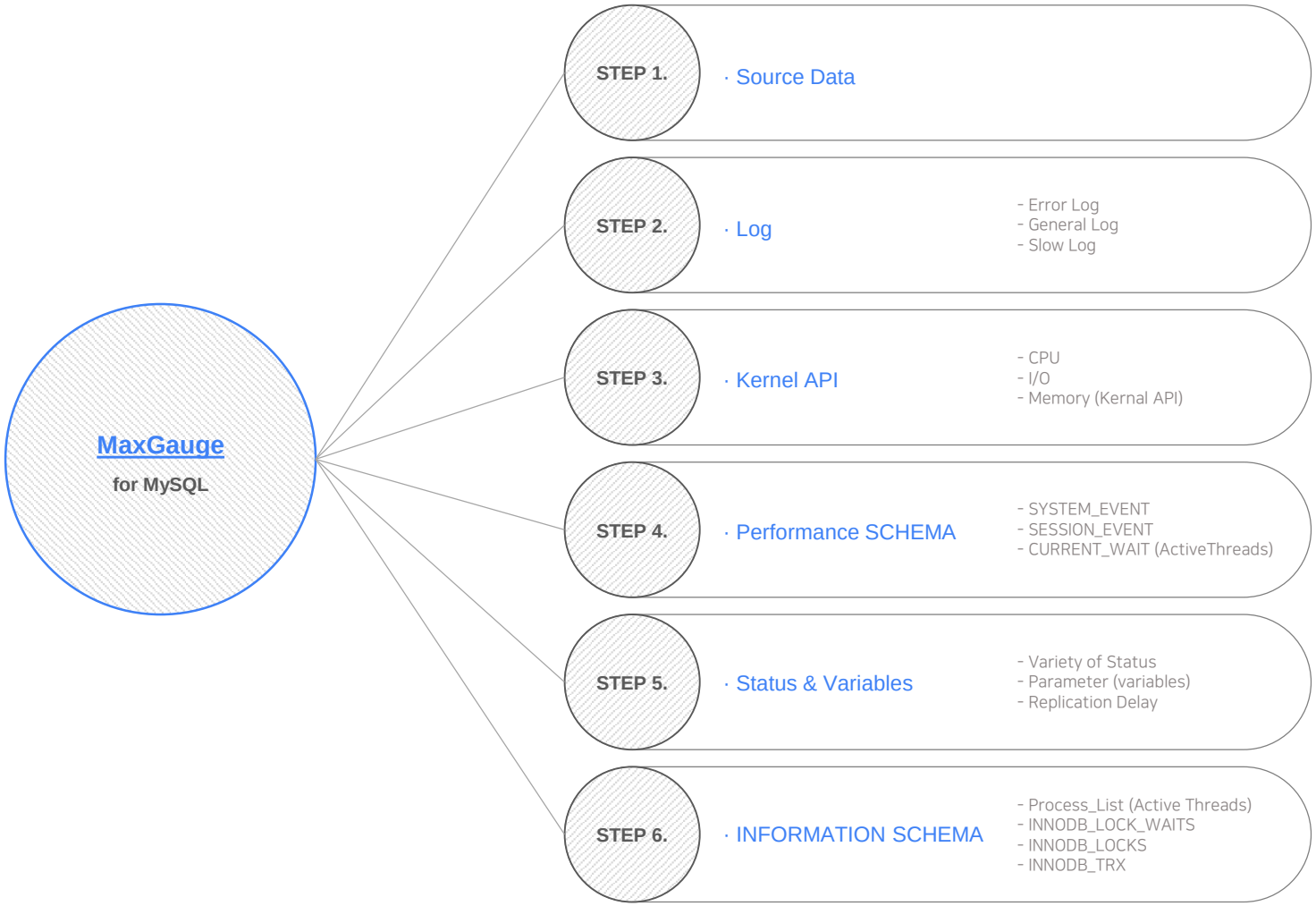
SW solution for database performance optimization

MaxGauge is a software solution to manage the database performance providing real-time monitoring and operation data collection/diagnosis/analysis, SQL tuning, etc., to effectively manage the system's availability and performance. With its Pro-Active monitoring technique, MaxGauge also provides concrete analysis data on the effect of investments by instantly identifying problems, effectively analyzing the bottleneck effect of applications, and storing diverse performance data.





Performance collection data types



FEATURE

REAL-TIME MONITOR

ADMIN

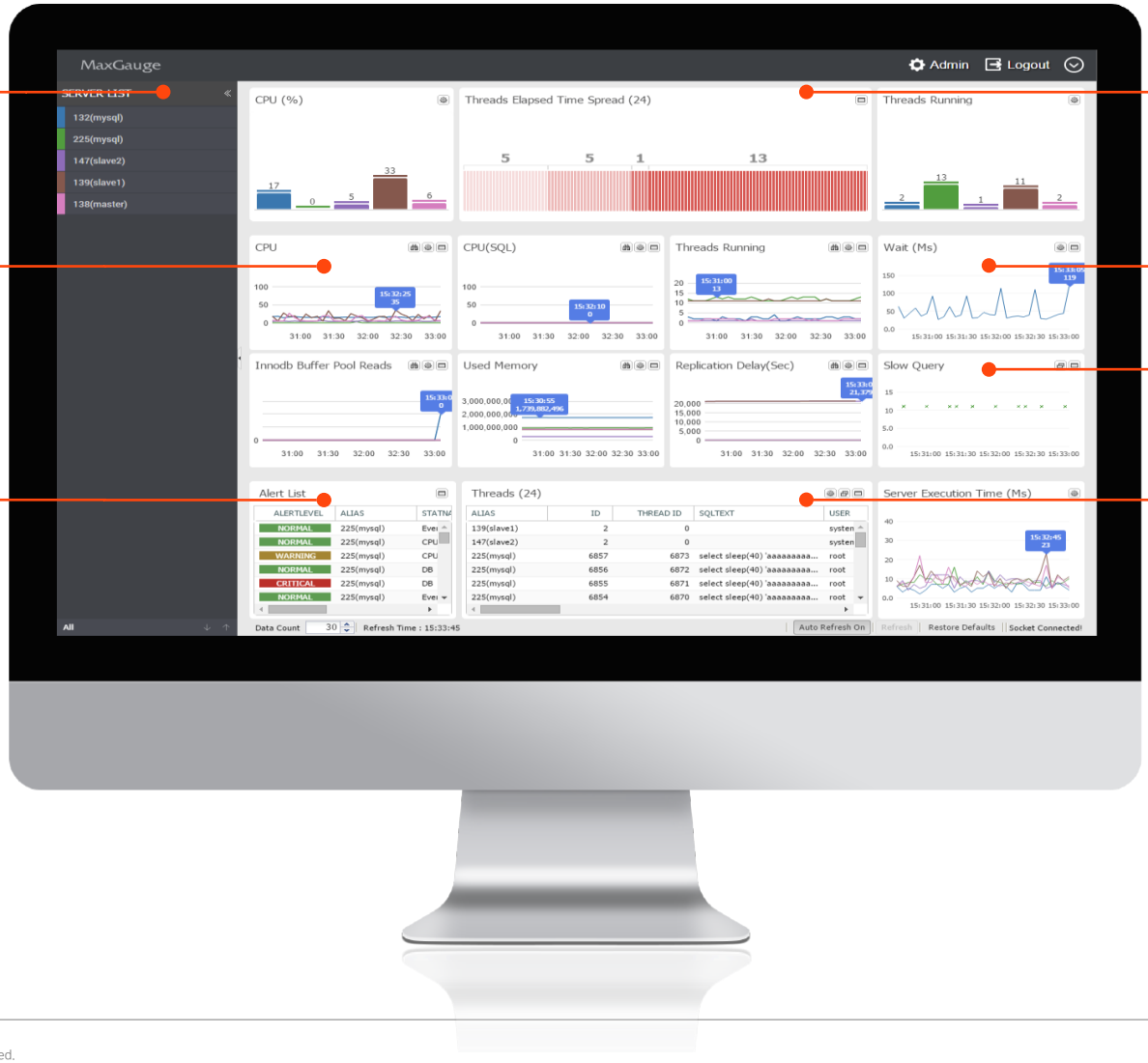
PERFORMANCE ANALYZER

Easy and intuitive user interface

View by service group

Integrated monitoring of multimode performance index

Real-time event recording



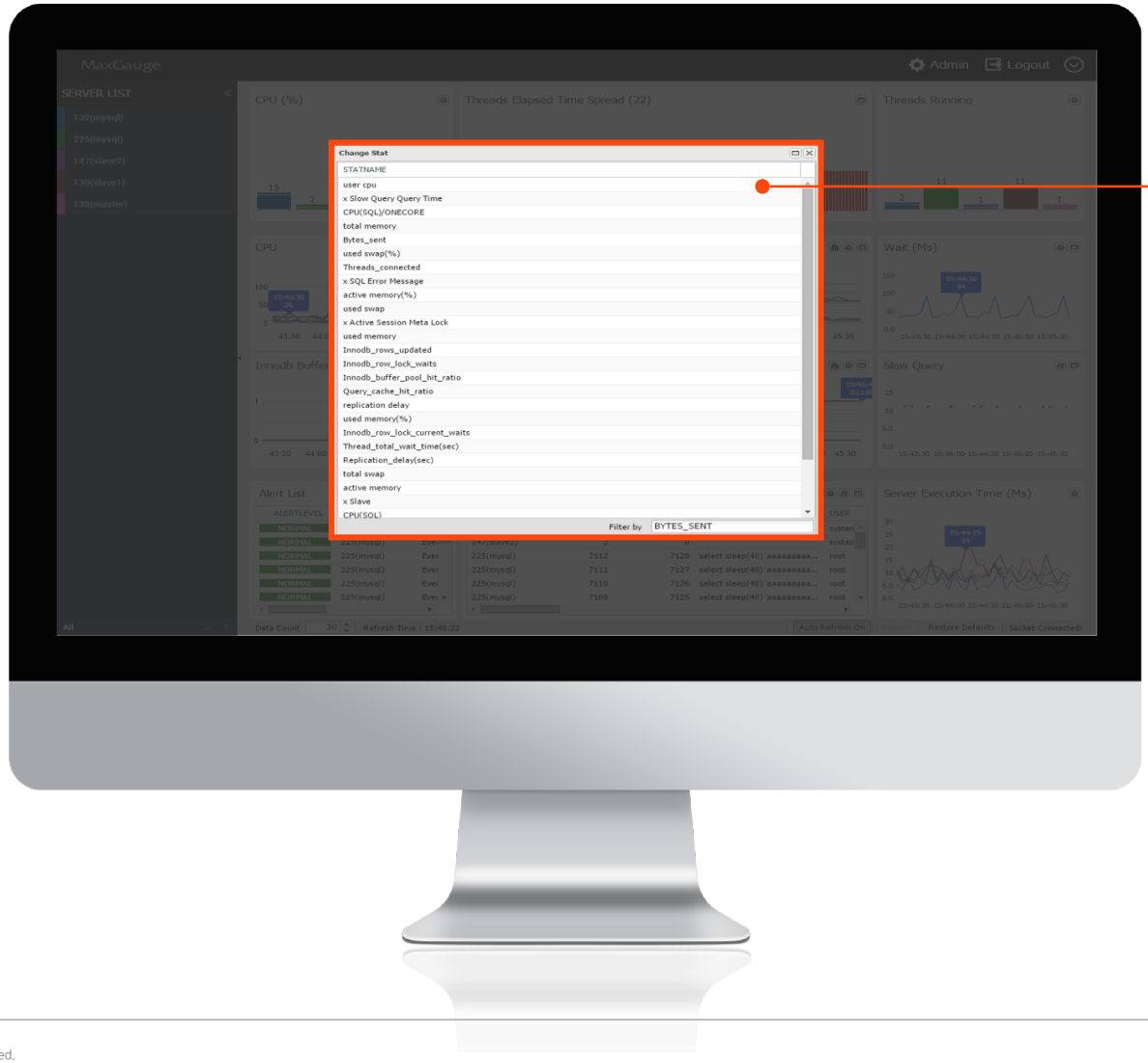
Visualization of OS and Thread index

Wait monitoring

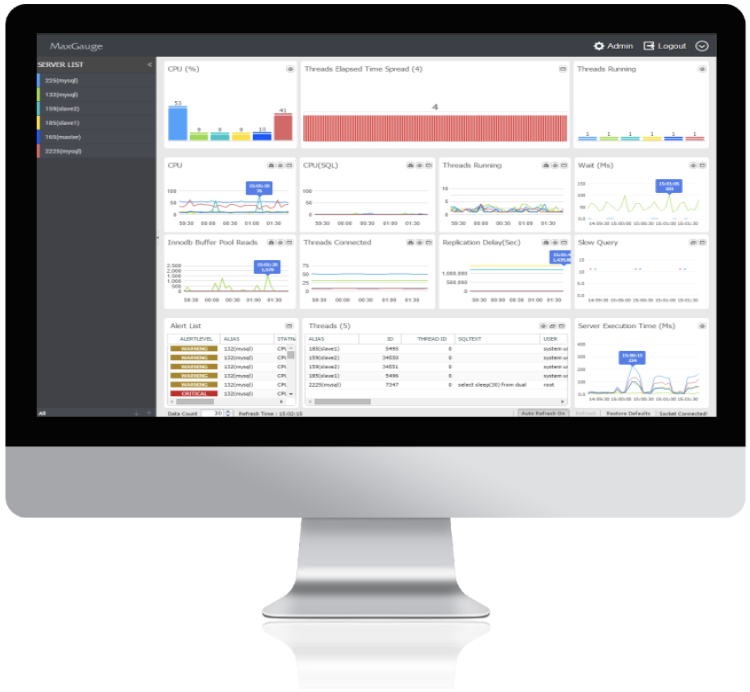
Slow Query monitoring

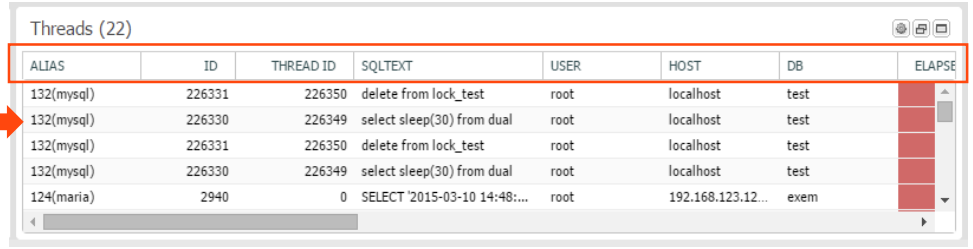
Active Thread and query data

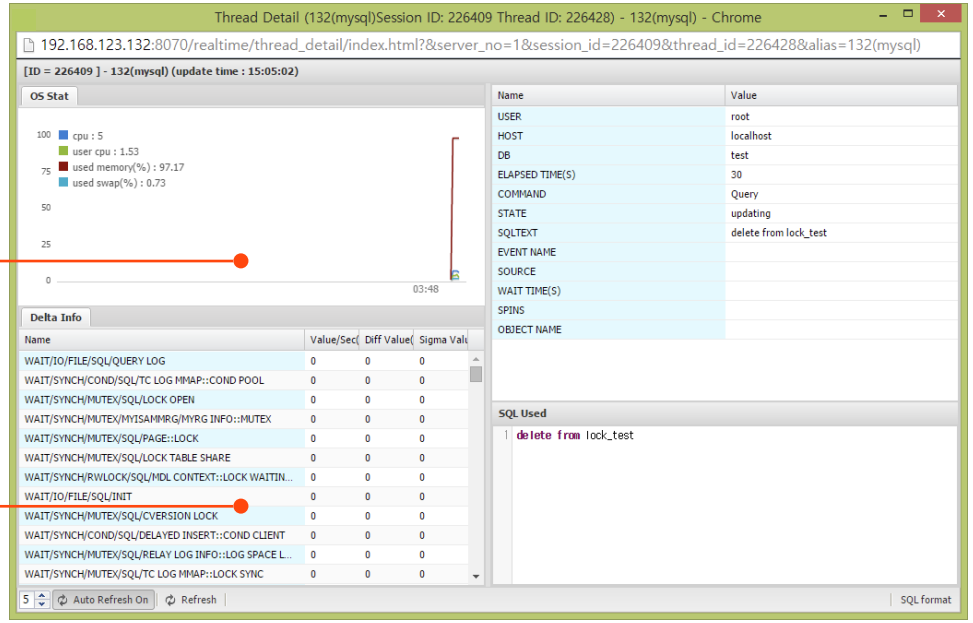
Easy arrangement of performance index **according to operating conditions**



DB monitoring through an easy TOP-DOWN approach



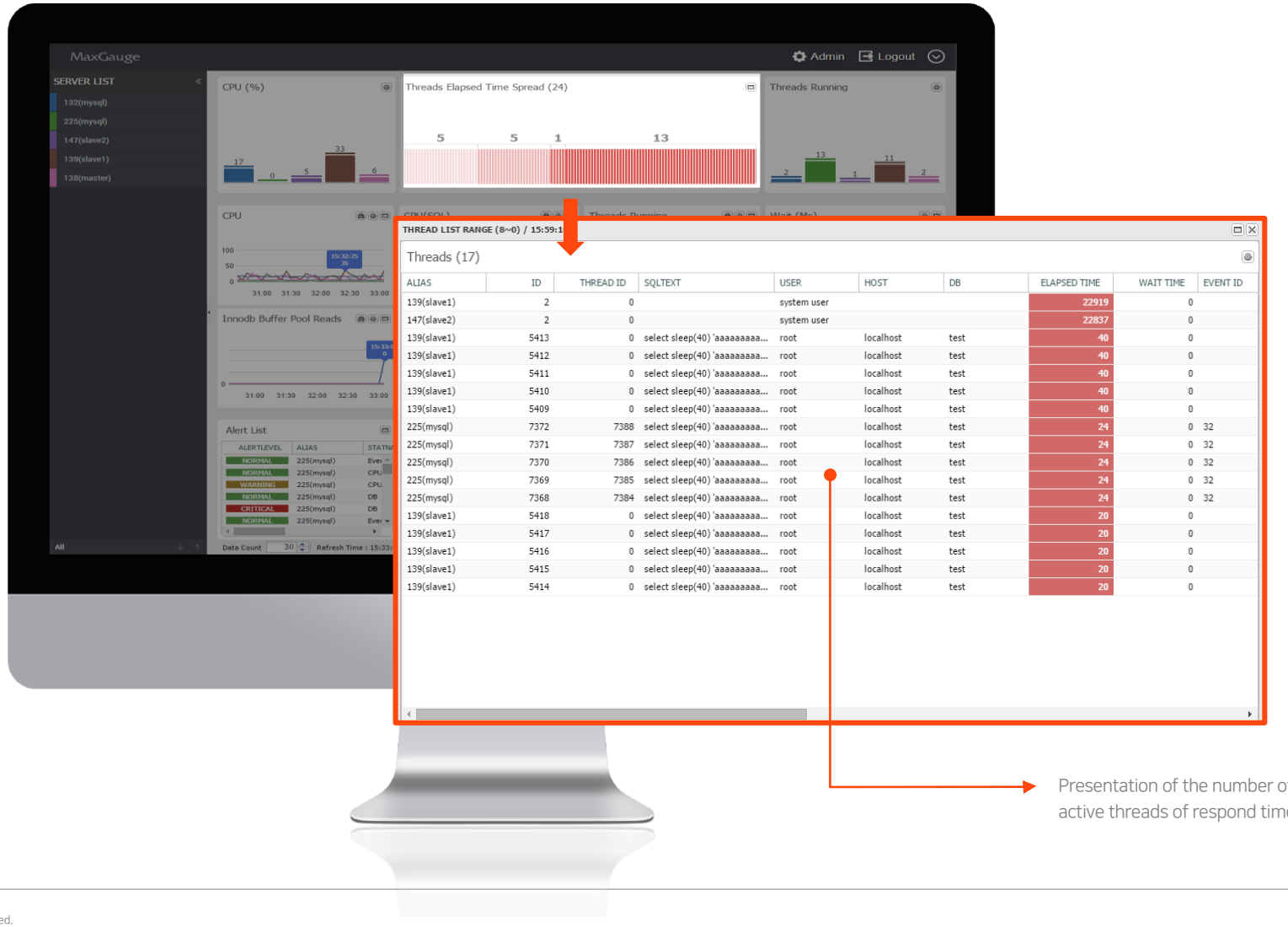




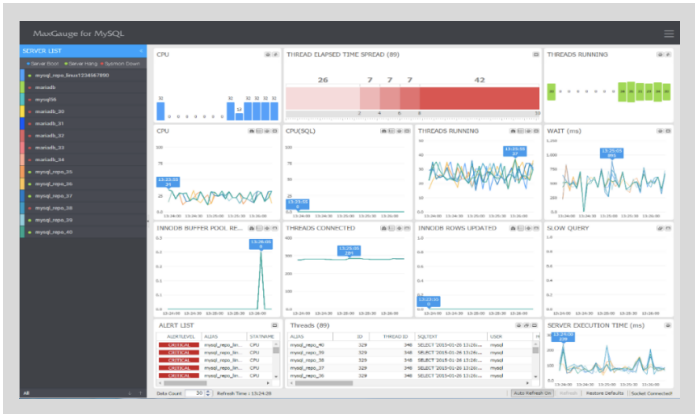
Linkage to the Thread Detail screen by double-clicking for the thread performing query for a long time

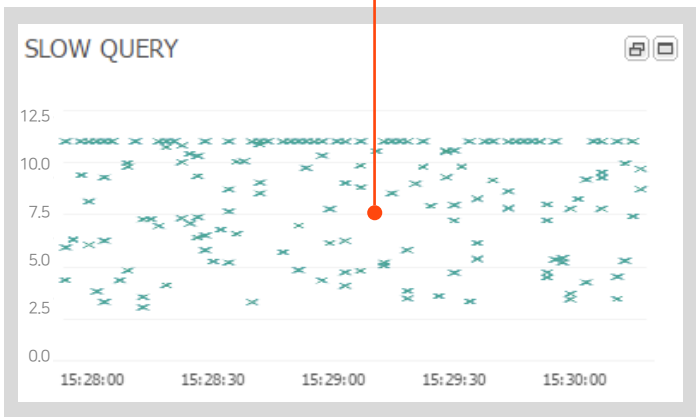
Data on current standby events, OS index, and ongoing SQL

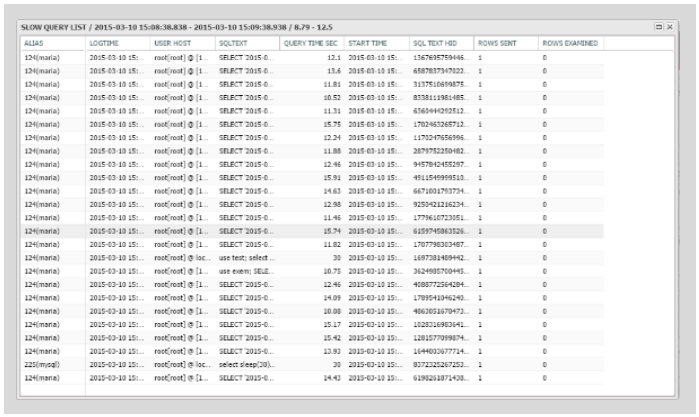
Identification of the number of active threads **according to the respond time**

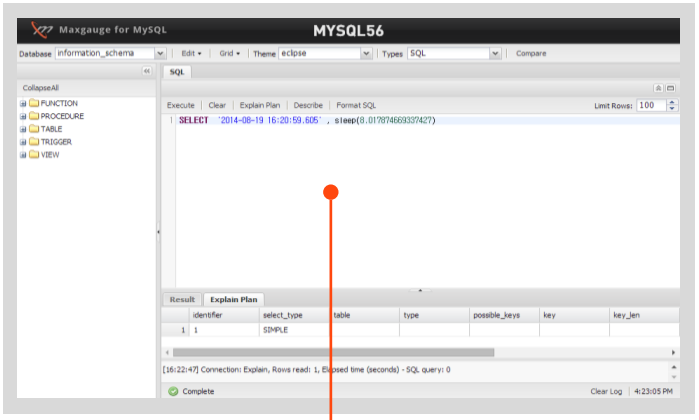


SLOW QUERY analysis **through Xview**, real-time monitor



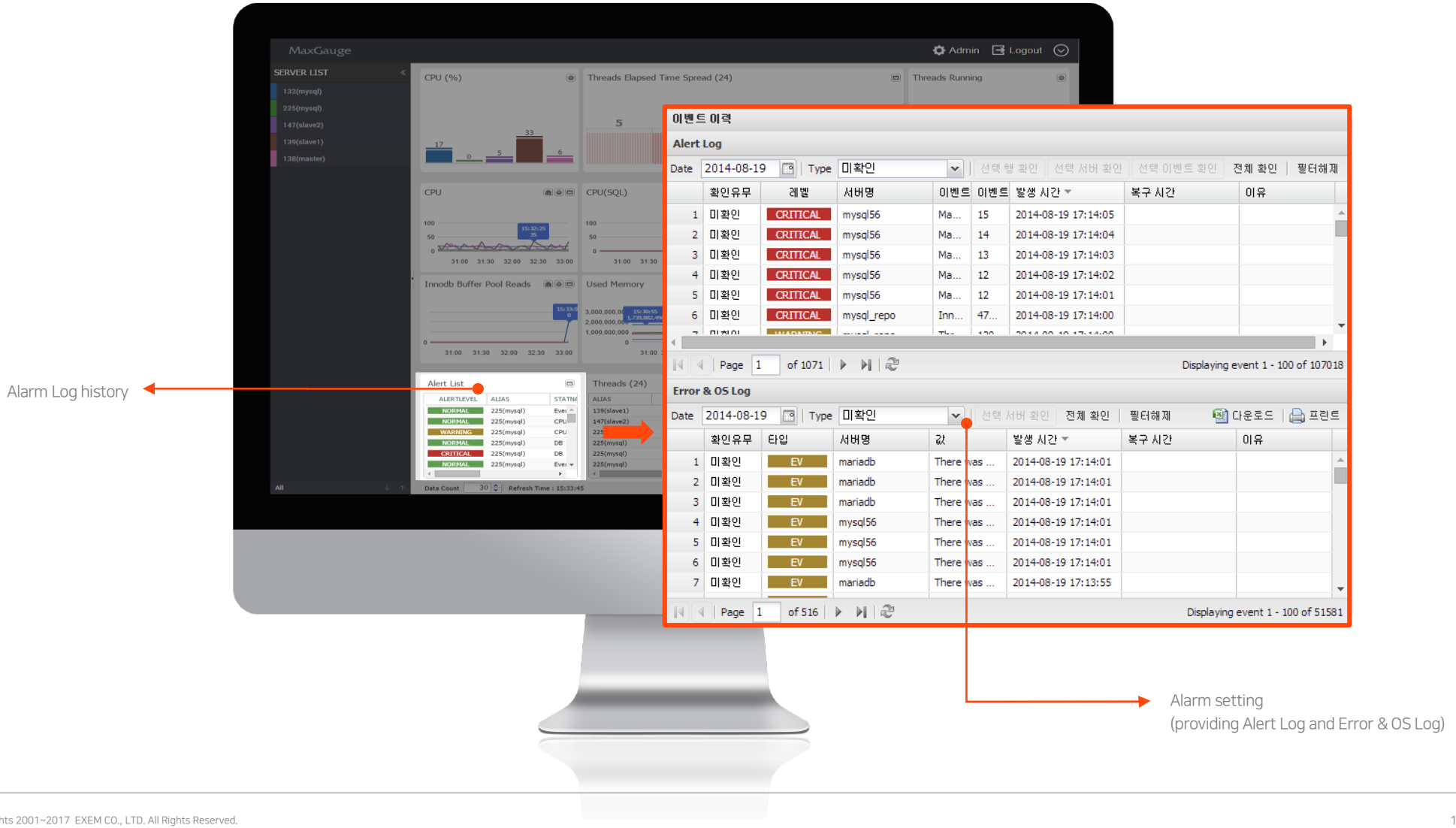




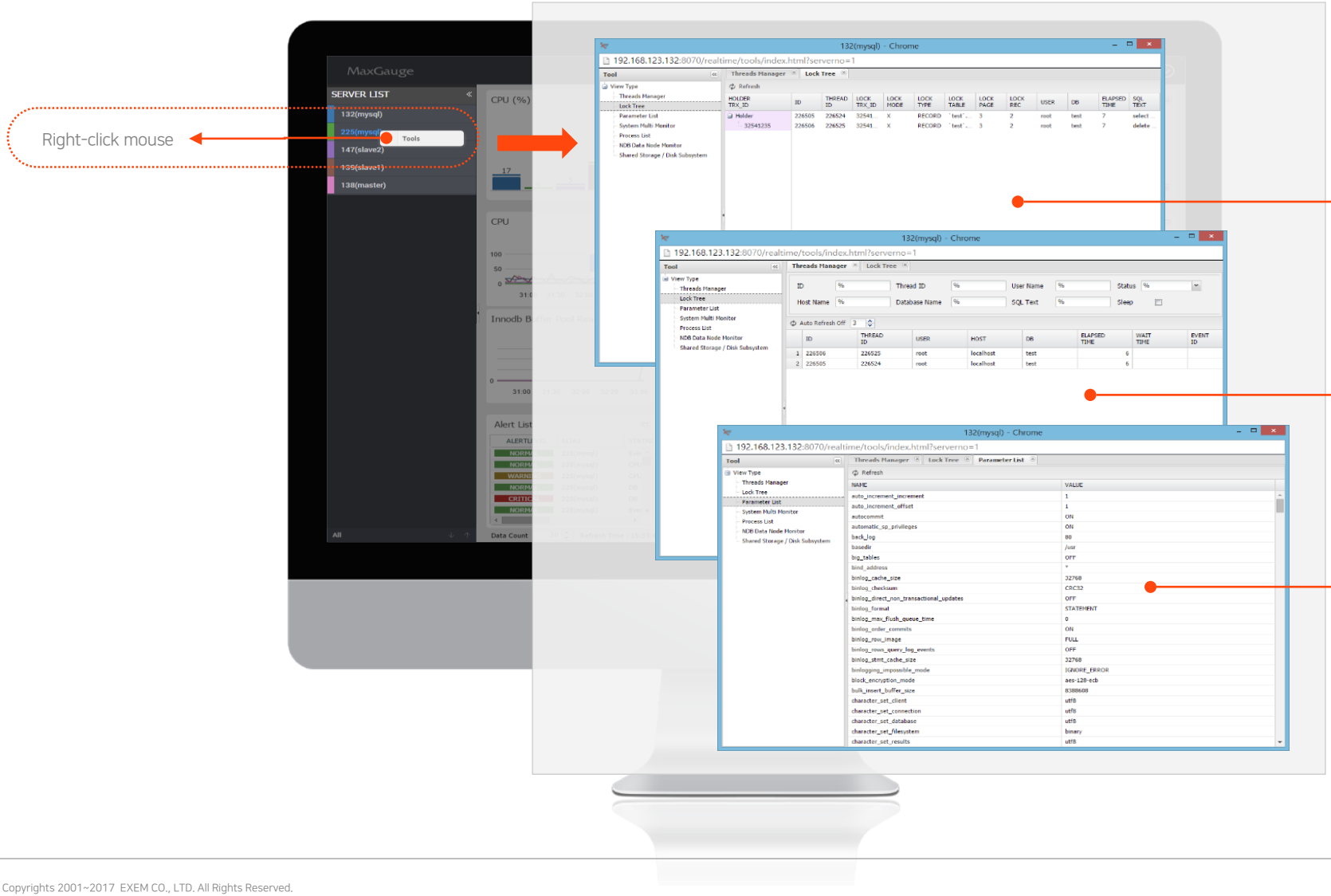


Slow query list included in the drag time can be checked. SQL sentences and PLAN.

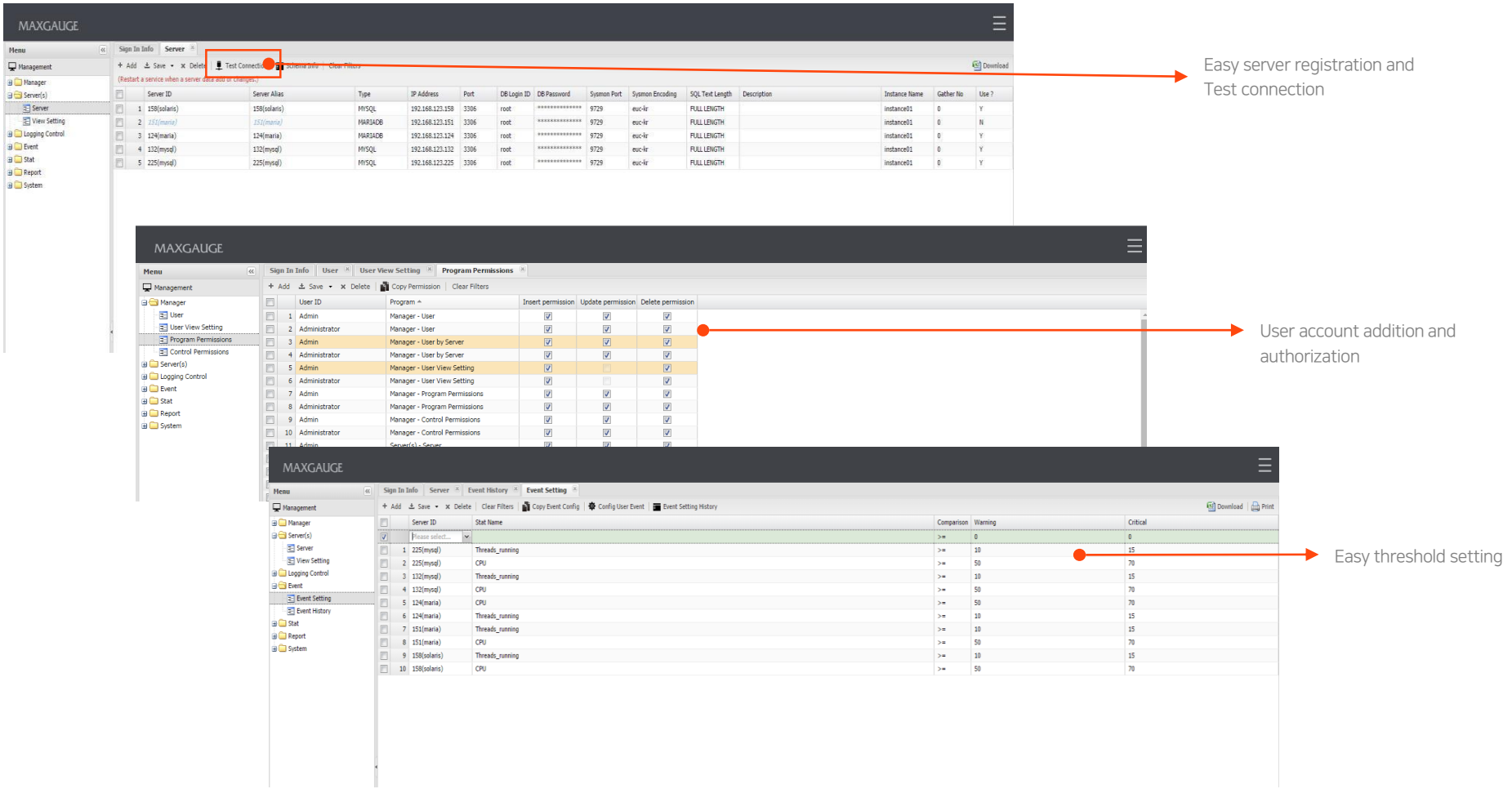
Alarm history is provided based on the threshold setting



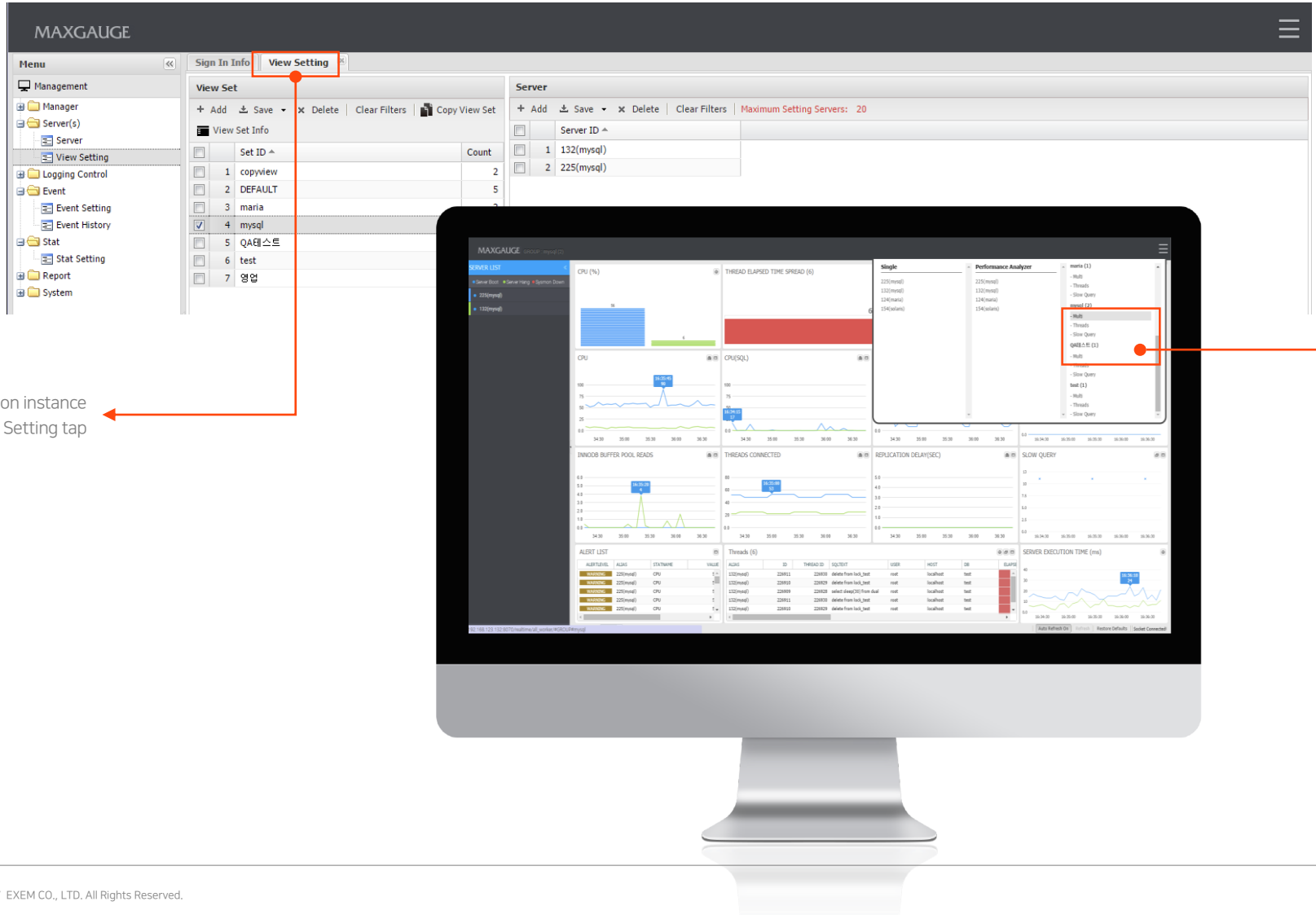
Lock/Session/Parameter data linkage of certain instances through tools



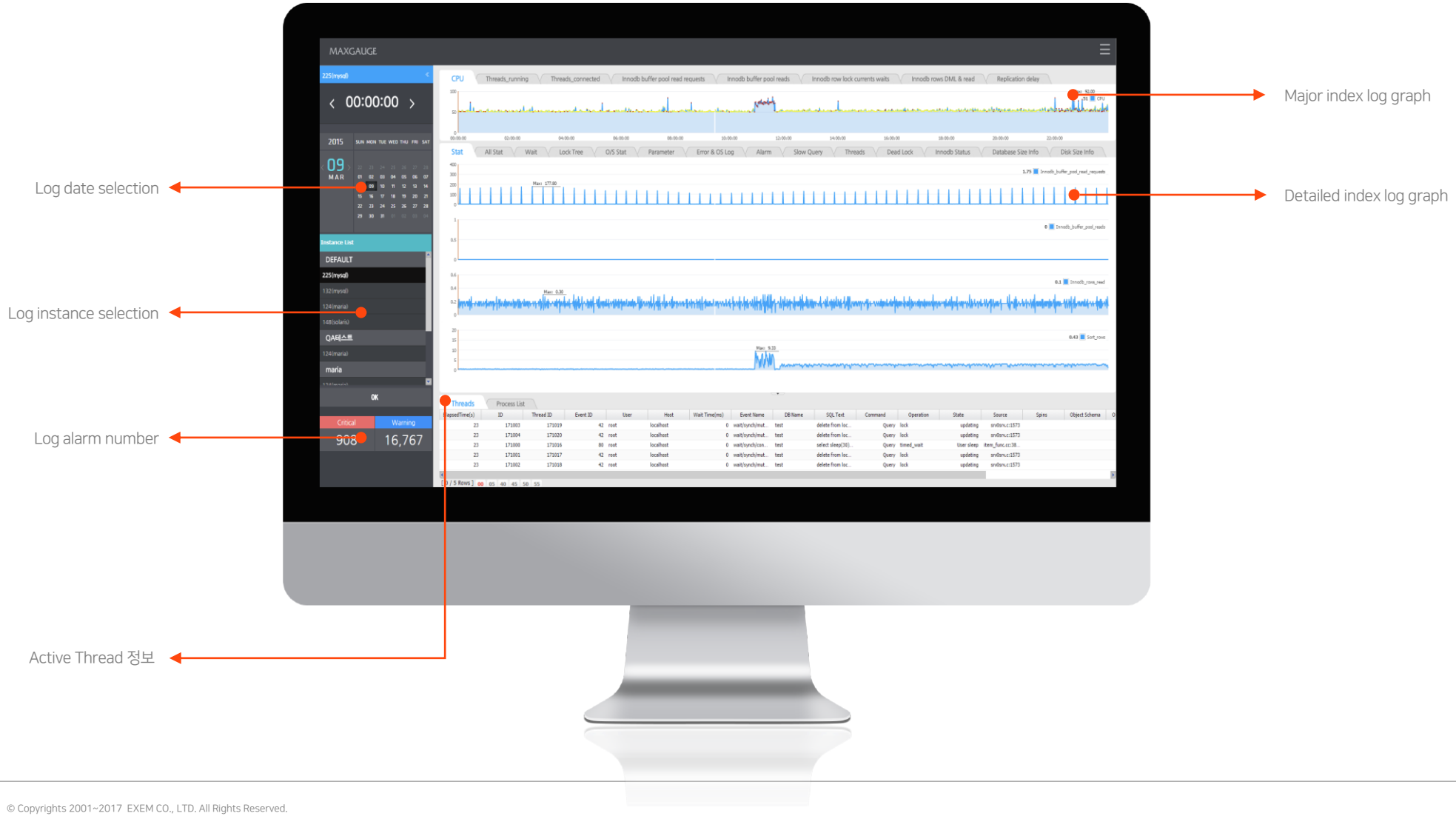
Simple MaxGauge management through **Admin functions**



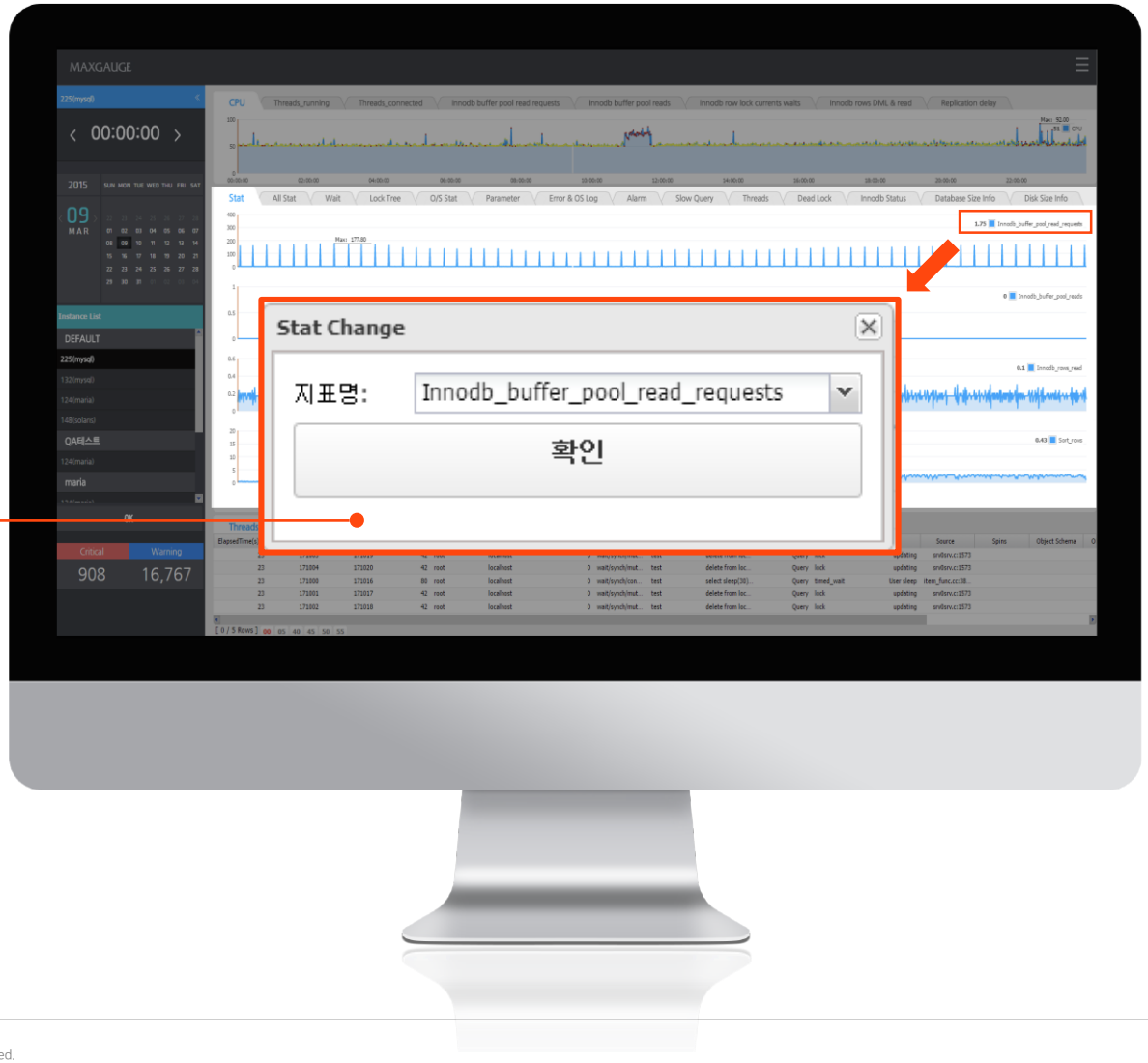
Admin Group management by operation instance



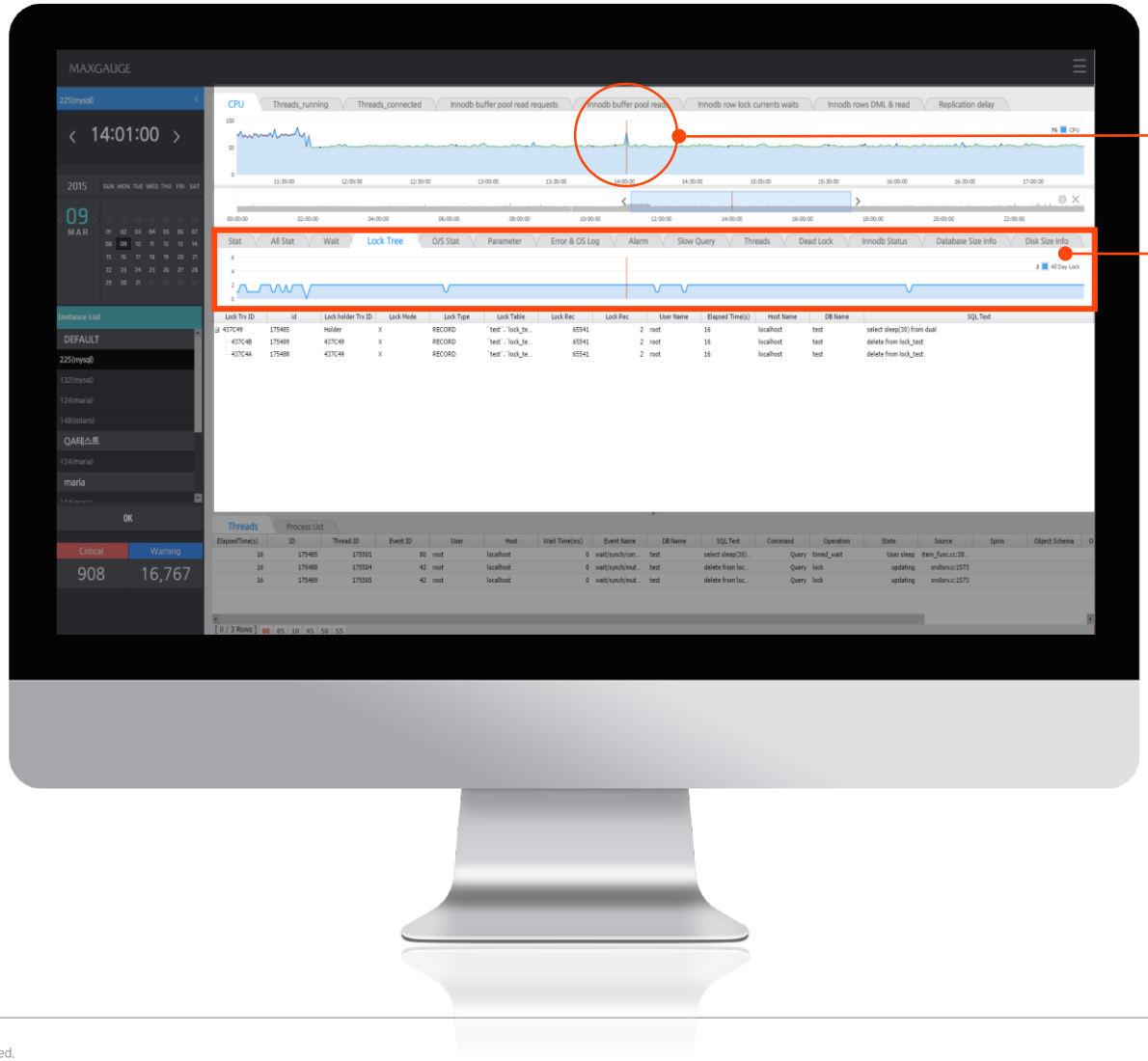
Performance Analyzer to analyze the data **stored in the repository**



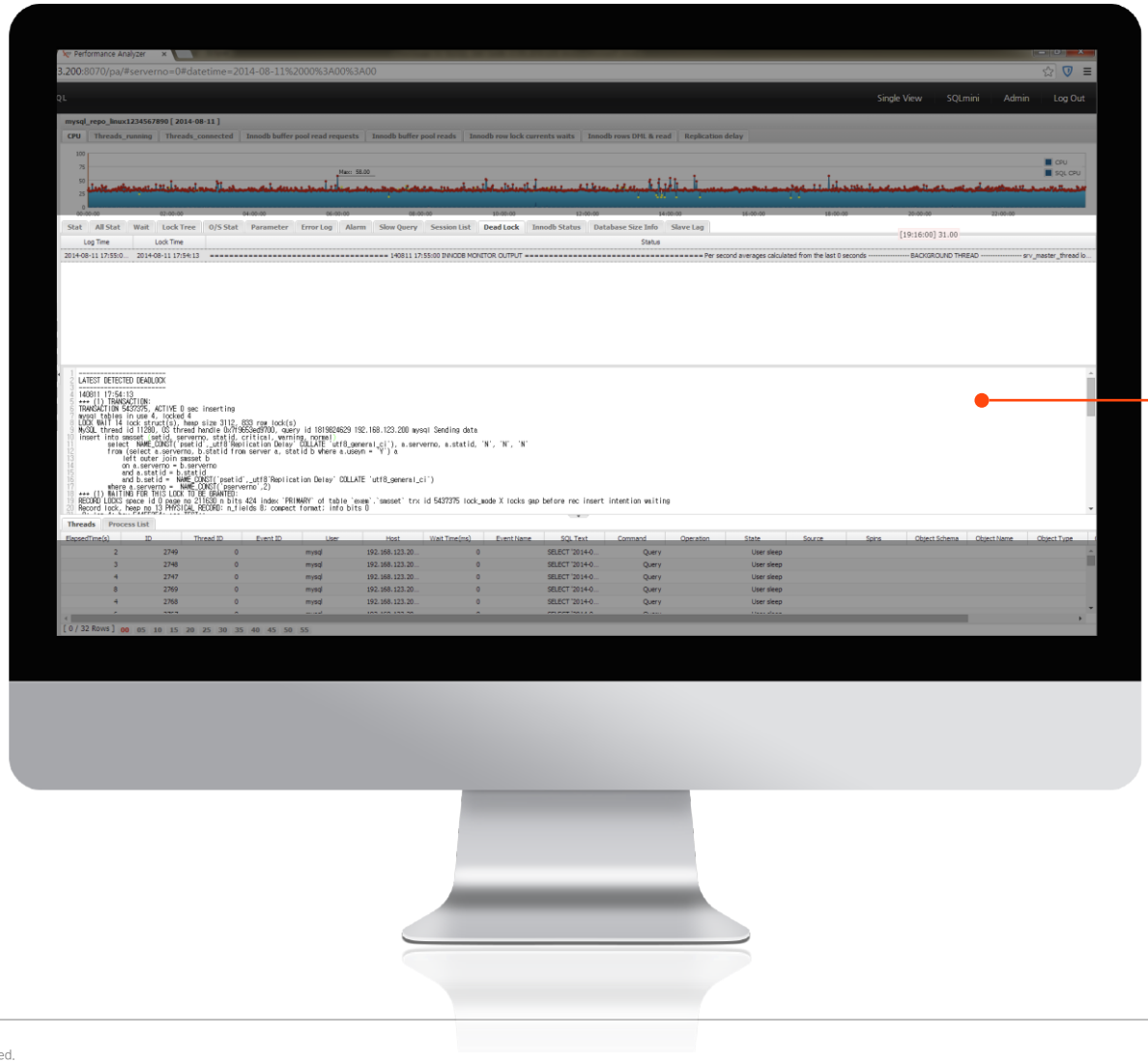
Provision of all indexes **provided by MySQL**



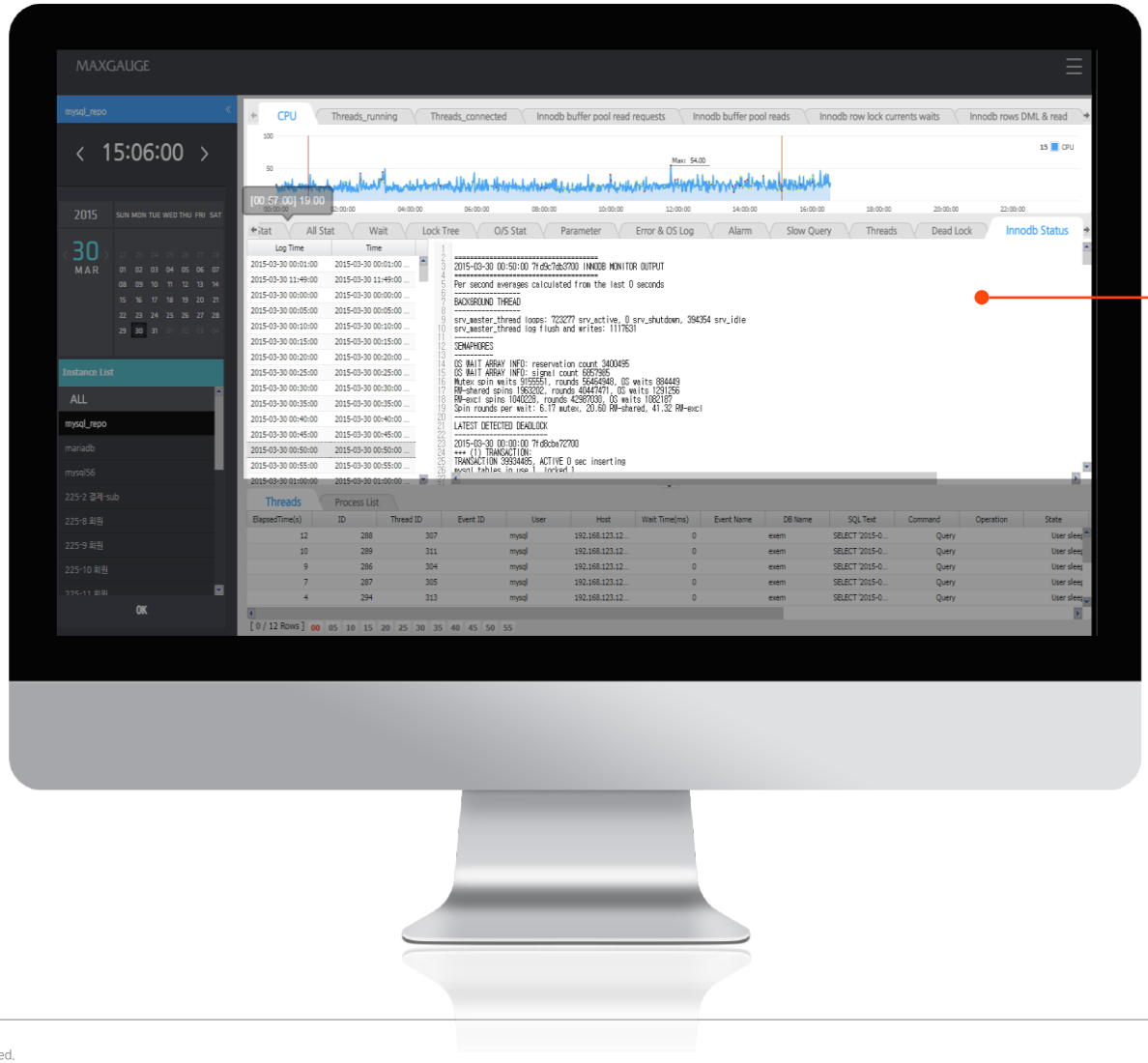
LOCK history at a certain time is provided in a tree structure



Dead Lock analyzes real-time LOCK waiting relations



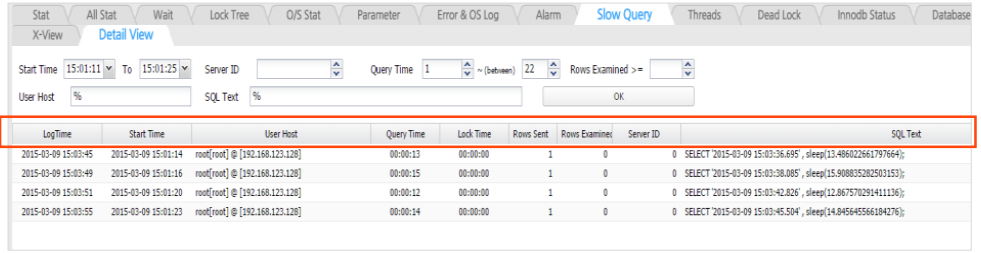
Real-time provision of **InnoDB Status** data



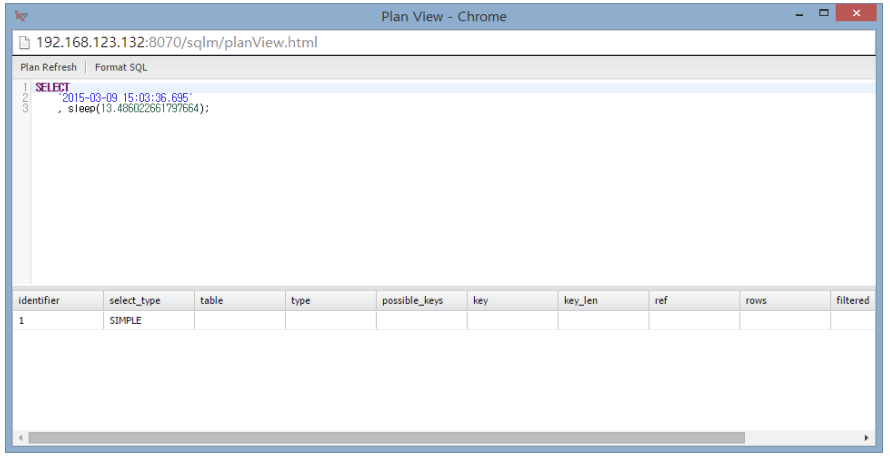
InnoDB Status is recorded every 5 seconds

TOP-DOWN analysis of SLOW QUERY at a certain time

① Slow Query at a certain time can be checked by dragging the period

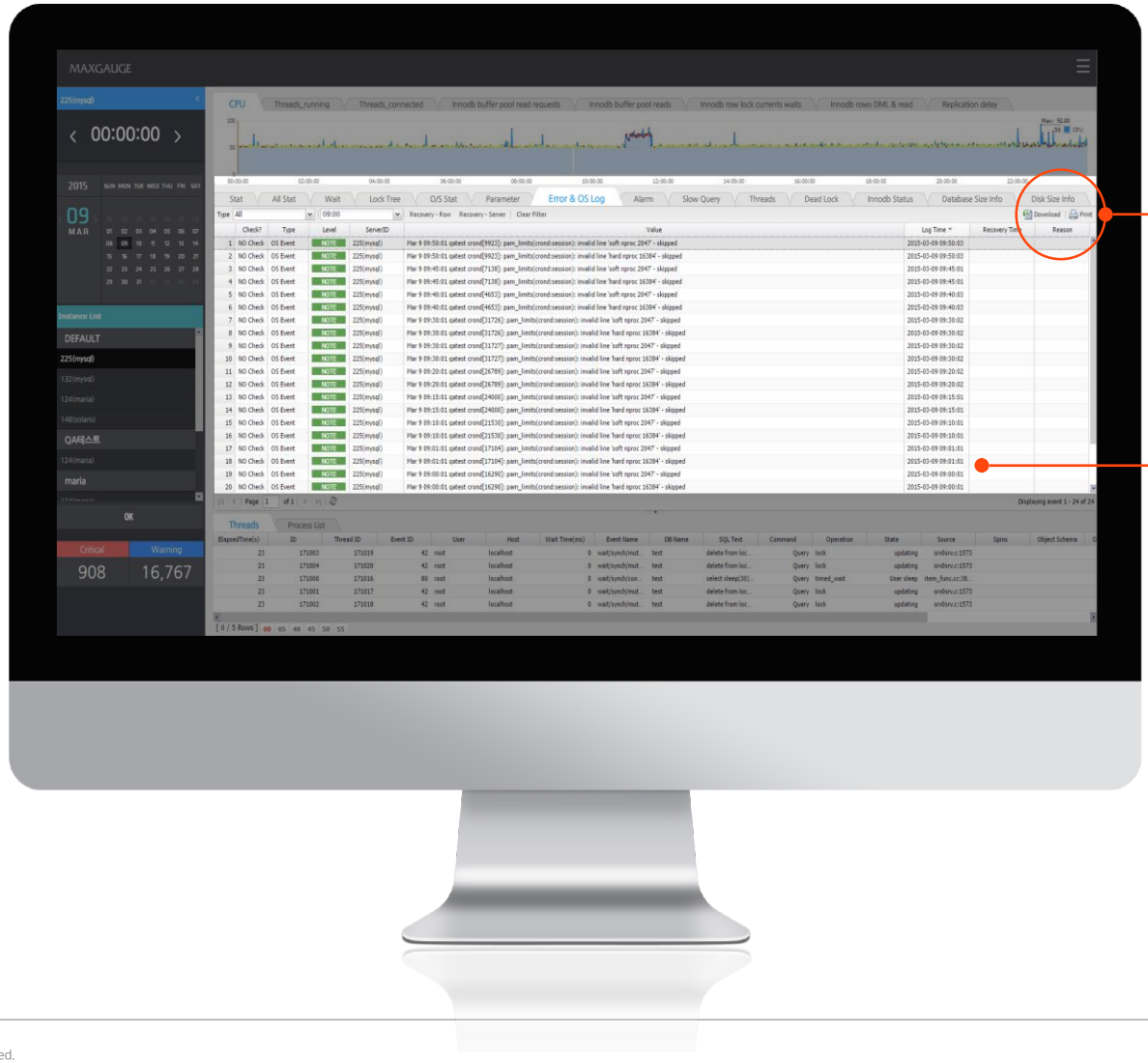


② Double-click of the Slow Query to be checked



Easy collection and search of the ERROR/EVENT log

which can be exported in Excel



Enterprise Management System

ALERT & MONITORING

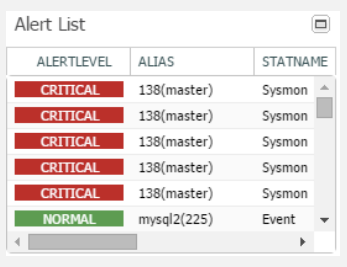
EXEM DASHBOARD

Swift response to any alert by sending messages

Alert can be set for all stats and events provided by MySQL, ensuring fast and accurate detection.

Excess of the threshold → **Scheduler** → **SMS Server**

An alert occurs when a preset item exceeds the threshold



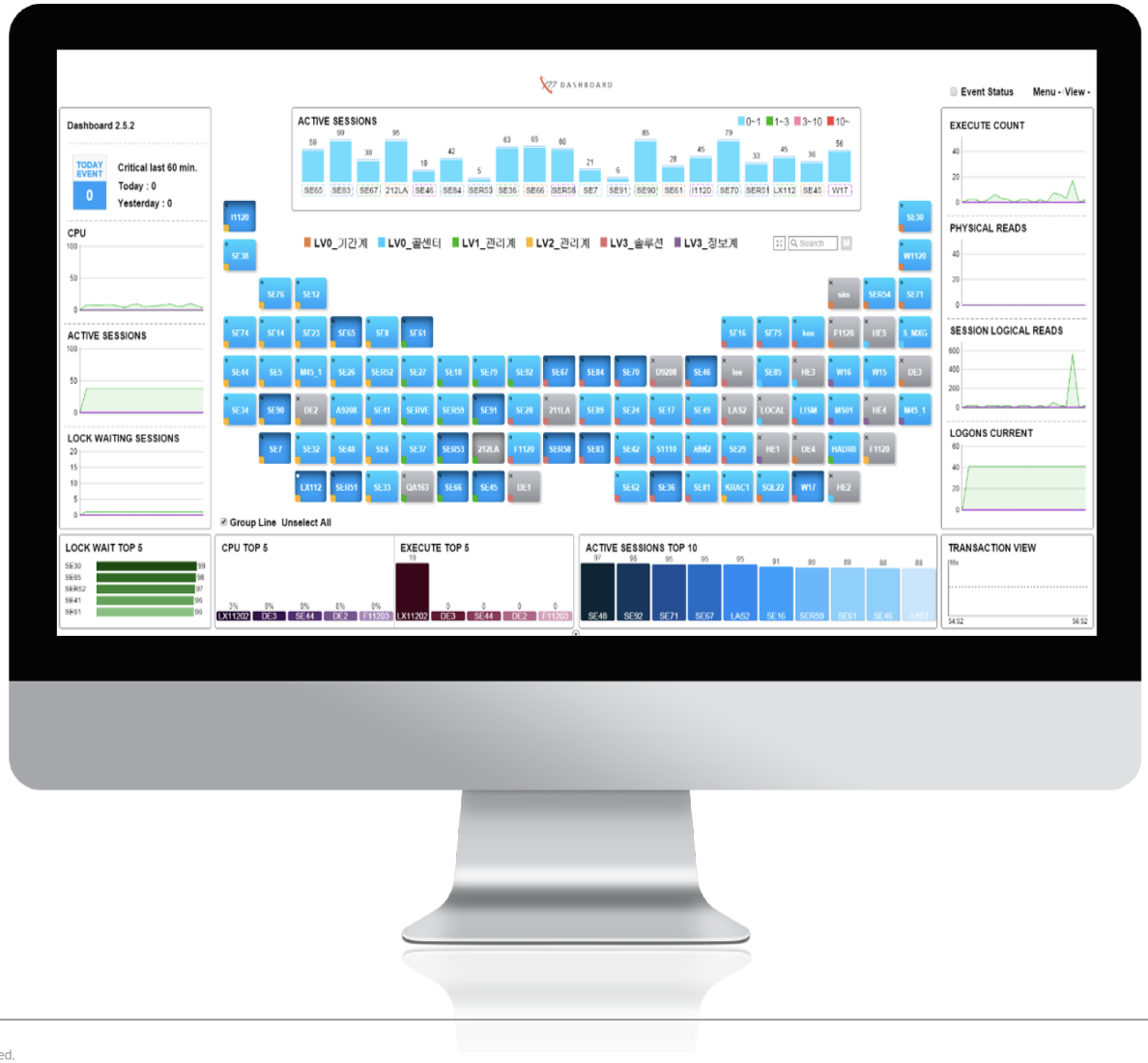
Data per second is checked and sent via SMS individually or in a group

- Transfer in an individual or a group
- Repetition limit for a certain time or message
- Message filter
- Recording of sent messages

Data is sent to the client via SMS or e-mail

Health Check of several instances through the EXEM Dashboard!

EXEM Dashboard 3.0 is a monitoring screen that shows up to 140 instances in real time at once, enabling real-time

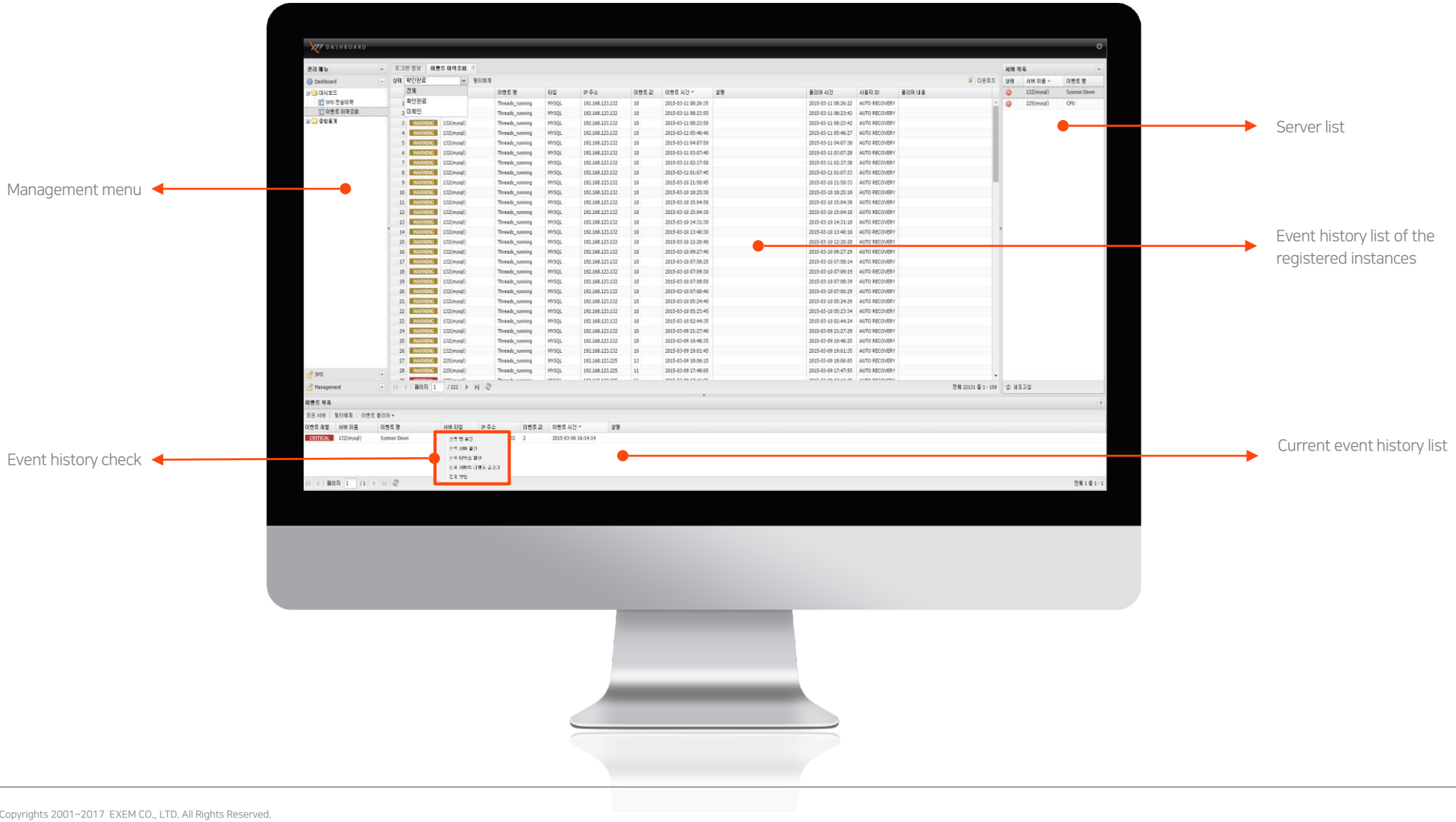


Strong connection of the Real-Time Monitor and PA

The instance can be linked to the Real-time Monitor or the Performance Analyzer by right-clicking on the dashboard.

Provision of the history and stats of all instances registered in the Dashboard

The event history and stats of all registered instances can be checked.



Thank you