exemONE

Monitor Your Entire Complex IT Environment from a Single Platform

Monitor All System Areas Your Way

As IT environments rapidly evolve, the combined use of cloud, MSA, and other technologies is increasing, making unified monitoring more critical than ever. exemONE delivers full-stack observability spanning infrastructure, applications, network, and user experience, enabling accurate performance analysis and issue resolution in any situation. Monitor all IT components in real time and achieve observability from a more integrated, advanced perspective.

![exemONE](exemONE logo)

Why exemONE Stands Out

Full-Stack Unified Monitoring
Spanning the Entire IT Environment

exemONE is a unified One-Platform solution that monitors your entire IT environment in real time, from infrastructure and applications to network and user experience, all in a single view. Correlate distributed metrics to detect anomalies early, and pinpoint root causes quickly through integrated traces and logs for immediate response.

Global Standard

Exem continues to grow alongside 1,000+ customers across 29 countries worldwide from Database and Full Stack Monitoring to Cloud, AI, and Big Data.

Countries
29 +

Customers
1,000 +

Product Highlights

One Platform Full Stack Unified Monitoring

Monitor diverse IT environments in a single platform, analyze entire flows, and enable more precise diagnostics.

AI-Powered Predictive Analysis

LLM-based AI auto detects anomalies in real time, and user defined queries enable deep analysis for smarter response.
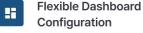
High Speed Data Processing and Stability

Deliver proven stability and scalability through distributed architecture enabling real time collection, processing, and analysis in large scale.

Mobile Operations Environment

Monitor and respond via app without time or space limitations. Inspect real time anomaly detection with intuitive dashboards.

Flexible Dashboard Configuration

Easily configure dashboards with intuitive View Packs and provide powerful scalability.

Business Centric Monitoring

Connect performance metrics with business KPIs to track service level outcomes.

SERVER MONITORING

Host Map

apmd2ai apmd2CI apmd2de... apmd2or... applianc...

vhncol desktop in jw-sandb... localhost...

Inactive Inactive Inactive

node2 node3 node4

● CPU ● Memory ● Disk ● Inbound ● Outbound

Network Inbound (bytes)
120
100
80
60
40
20
14:57 15:00 15:13 15:15 15:17

Network Device Status
{Cloud Group} 5
Modify View

APPLICATION + DATABASE MONITORING

Active Transactions
22 Total
Normal
14
293 Request

Network Inbound (bytes)
17 18 24 24 10
exemone-de... exemone-de... exemone-de... exemone-de... exemone-de...

Transaction Response Time Distribution (Last 10 min)
Overall 82,748 Transaction Error
80
64
48
32
16
0
10:08 10:10 10:12 10:14 10:16 10:18 10:20 10:22 10:24 10:26 10:28

DB STATUS (Active
● Critical ● Warning

Single Metric
60
40
20
0
10:08 10:10
● Critical

Throughput

DB CPU Usage (%)

Unified Dashboard

Monitor entire IT infrastructure: servers, databases (DB), and Kubernetes (K8s) in real time from a single platform. Freely select your preferred format to configure custom dashboards. Enable efficient operations and rapid decision making with intuitive unified views, even in complex system environments.

1 Flexible Dashboard

Unified monitoring of performance metrics across all IT tiers using diverse widgets and templates

- Centralized management of all IT domains in a single screen
- Easy dashboard configuration with widgets and templates tailored to user needs

Unified Dashboard

Network Dashboard

2 View-Pack

Bundle frequently used dashboard components into reusable units

- Manage View Pack units with grouped widgets
- Simplify maintenance with automatic reflection when widgets are modified
- Support flexible tailored visualization to user requirements

View-Pack   Widget Settings

Database Monitoring

Monitor diverse DBMS in real time from a single platform to view key performance metrics: sessions, locks, transactions, events at a glance. Link SQL-level detailed analysis with performance data comparison for rapid, accurate root cause analysis and response, even in complex database environments.

1 Multi-DBMS Monitoring

Unified monitoring of diverse DBMS in a single screen

- Verify key performance metrics by DBMS in real time from a single dashboard
- Provide unified operational visibility even in multi-DB environments

2 Real Time Monitoring

Detect and visualize elements causing DB bottlenecks or incidents in real time

- Track key bottleneck metrics in real time: Lock, Active Session
- Provide unified dashboard spanning single and multiple instances

3 Precision Analysis

Deep dive performance degradation causes by combining historical and current data

- Analyze SQL execution history and performance event timing
- Provide Top SQL analysis, time series trend comparison, and segment level performance history

Trend Analysis

SQL Summary

Top SQL Performance Analysis

Plan Analysis

Application Monitoring

Track transactions End-to-End for applications developed in diverse languages and analyze response delays and error causes from the user perspective. Provide real time performance metrics, transaction call flows, and linked DB performance in an integrated view to rapidly detect and respond to service anomalies.

1 Multi-Language Application Monitoring

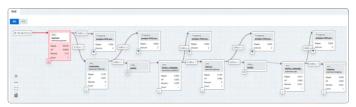**Unified analysis of performance for applications based on diverse development languages: Java, .NET, Node.js**

- Unified monitoring of heterogeneous language applications in a single screen
- Granular analysis down to microservice level performance in MSA-based architectures

2 Transaction Flow Tracking and Analysis (EtoE)

Visually track request processing flows within applications from start to finish

- Analyze bottleneck segments based on response time for each call segment
- Visualize entire transaction paths including asynchronous calls
- Drilldown analysis to Method and service call details when delays occur

EtoE Map (End-to-End flow tracking for individual transactions)

Performance Delay Service Call Trace Analysis

SQL Execution Details

3 Database Integration

Real time monitoring of DB performance linked to applications for precise bottleneck diagnosis based on transactions

- Link SQL performance information executed by applications (DB session, Lock, Wait, etc.)
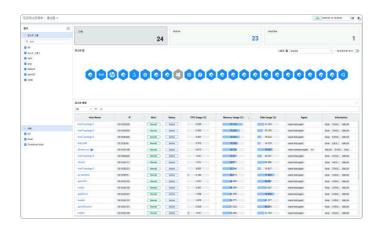- Detailed tracking of DB response delay segments based on transactions

Infrastructure Monitoring

Unify monitoring of server, VM, container, and network resource status and performance across on-premises and cloud infrastructure environments. Visualize complex configurations including interface traffic and topology in real time to maximize operational efficiency.

1 Server Monitoring

Unified real time monitoring of server resources in infrastructure environments for rapid anomaly detection
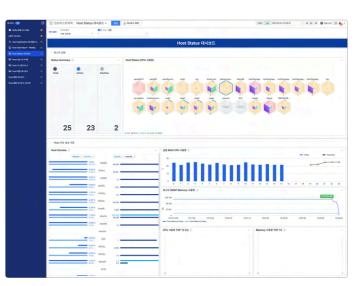
- Visualize CPU, memory, disk usage and key process status by server
- Real time verification of server status (Active/ Inactive), alert history, Agent operation status

2 Network Monitoring

Real time monitoring of diverse network device status and structure for intuitive incident location identification

- Verify network device status in real time: L3 switch, router, firewall
- Visualize Interface status (Up/Down) and inter-device dependencies
- Analyze incident locations and impact zones based on Topology View

3 Network Performance Monitoring

Collect network segment performance metrics in real time for rapid traffic anomaly

- Track performance metrics in real time
- Detect anomalies via alerts
- Support impact analysis for linked services and systems based on performance events

Topology based Relationship Analysis

Metric Information

Kubernetes Monitoring

Monitor Kubernetes environment status and performance in real time with Pod management convenience features, event and log queries for rapid incident analysis. Visualize cluster wide status at a glance with intuitive topology visualization to support efficient operations and rapid decision making.
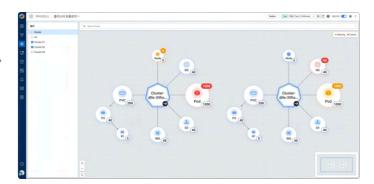
1 Cluster Topology Visualization

Visualize Kubernetes cluster structure and dependencies to enhance operational visibility
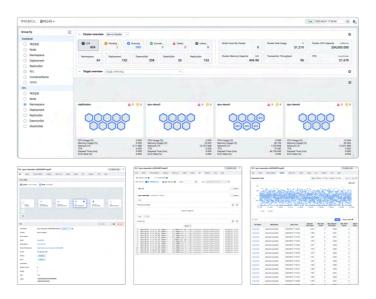
- Provide Node, Namespace, Pod, Network, Storage information within clusters
- Easily grasp overall configuration and status
- Intuitively display anomaly detection segments with color icons when alerts occur

2 Cluster Workload Status

Support efficient cluster management by providing Container and Pod status, basic information, and metric information by cluster
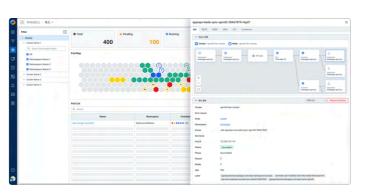
- Monitor Container and Pod status, resource usage, and performance metrics
- Systematically manage workload status by cluster unit
- Support performance analysis and capacity planning based on real time metric data

3 Application Integration

Analyze application events occurring in Kubernetes environments by linking service configuration and execution status

- Track which services (Pod, Deployment) were impacted by Kubernetes events
- Accurately assess impact and diagnose causes through relationship analysis between cluster incidents and application execution errors

Unified Operations Monitoring

Collect and analyze distributed logs centrally and manage multi-cloud environment resources and costs in a unified way. Comprehensively monitor systems organized by business unit to provide efficient operational environments.

1 Log Monitoring

Analyze distributed logs centrally to track real time log status and individual flows

- Unified collection and management of logs from diverse systems (Host, DBMS, K8s, etc.)
- Real time log occurrence monitoring and centralized log analysis
- Track real time logs from distributed operations systems without direct server/console access via Live Tail feature
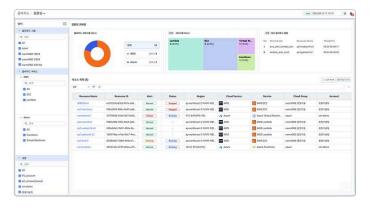

Centralized Monitoring   Real time Log Flow (Live Tail)

2 Cloud Monitoring

Unified analysis of resource status and costs across single and multi cloud environments with real time monitoring of service status and auto scaling
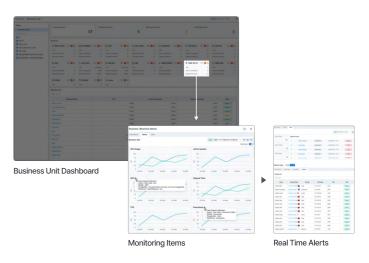
- Unified control of public clouds (AWS, Azure, etc.) and multi cloud
- Improve operational efficiency and assess migration impact through resource usage and cost analysis

3 Business Monitoring

Unified monitoring of infrastructure, Kubernetes, applications, and databases configured in development and operations environments by business unit with real time analysis of alerts and resource usage per system

- Provide unified monitoring by business unit linking Kubernetes, Application, Database
- Support rapid issue response through real time tracking of alerts and resource usage by system

Business Unit Dashboard   Monitoring Items   Real Time Alerts

Intelligent Analysis and Automation

Go beyond simple monitoring of operational data. Enable proactive operational decisions and automated responses through user defined analysis, real time alerts, and AI based predictions in an intelligent control environment.

1 User Customized Analysis

Query and select data collected in Repository DB without direct server console access to provide user customized analysis boards

- Provide customized analysis environments with dashboards based on query results
- Enable query result downloads in Excel format

Query Manager

Custom Analysis Board

2 Alerts and Reports

Real time triggering of default and user defined alerts for all monitoring targets

- Support simultaneous notification through diverse channels (email, SMS, Telegram, etc.) when alerts occur
- Generate custom reports by setting dashboards as selective report templates

Alert List

Custom Report Generation

3 AI Anomaly Detection and LLM Based Predictive Analysis

Maximize stability with AI powered anomaly pattern detection and LLM based chatbot

- Detect anomaly patterns in systems through AI models and real time analysis and detection using LLM based chatbot
- Enable early prediction of potential issues and proactive response to expand system utilization and usability

LLM Based Chatbot

AI Anomaly Detection Report and Intelligent Alerts

Architecture

1 Data Collection

- Deploy lightweight Agents in customer environments
- Collect data across all IT system domains (Host, K8s, App, DB, Log, etc.)
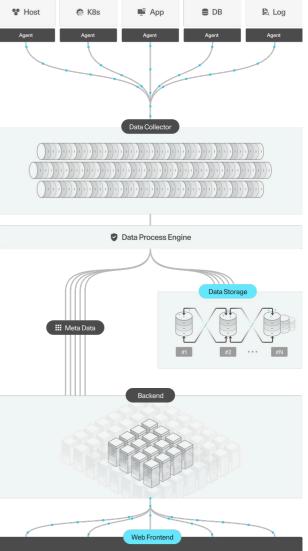- Support on-premises to public cloud

2 Data Storage & Processing

Data Collection & Storage

- Real time performance analysis with high speed distributed processing engine
- Accurate root cause diagnosis through metrics, traces, and log integration
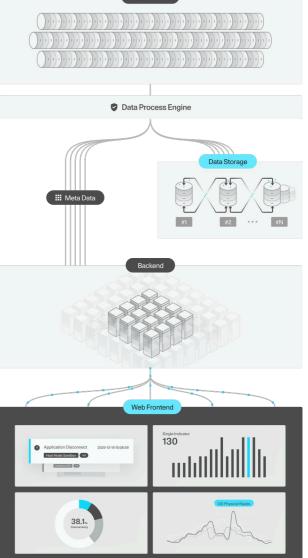- Provide stable storage scalability even in large scale environments

Data Analysis & Integration

- Efficient data preprocessing and integration using AI engine
- Support user defined metrics and flexible customization
- Support unified analysis through cross domain data integration

3 Presentation

- Provide unified visibility across infrastructure, applications, databases, and Kubernetes
- Configure custom dashboards tailored to customer environments with View Packs
- Enable flexible screen configuration and easy maintenance through widget based modularization

Platform Specs

SMS

Linux

CentOS 6.0+
Rocky Linux 8.0+
Red Hat 6+
Ubuntu 12.04+
Debian 6+
SUSE 11+
Fedora 13+
Amazon Linux

Unix

- AIX 5.x+
- HPUX 11.x+
- Solaris 5.10+

Windows

Windows Server 2008+ (including x86 / x64)

Database

Oracle 12c+
PostgreSQL 9.6+
MySQL 5.7+
MariaDB 10.x+
SQL Server 2012+
Redis 3.0+
Cubrid 9.2.1+
MongoDB 4.0.0+
Tibero 5.x.x+
Altibase 6.3+
Clickhouse 24.8.6.70+
Single Store 8.9+

* Public Cloud Supported

Application

Java 8+
Node.js 12+
Python 3.7+
.NET 4.5+
(JMX Monitoring) Kafka 0.8.0+
(Cluster Monitoring) Kafka 0.10.0+

Kubernetes

Kubernetes 1.13+

* Cloud Platforms Supported
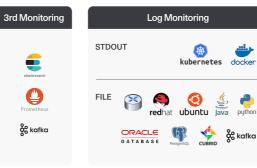
exemONE Collection Server

OS: Linux CentOS 7.x+ / Linux Rocky 8.x+ / Ubuntu 20.x+ / Amazon Linux 2023+
CPU: 16Core+ (recommended) / 8Core (minimum)
Memory: 32GB (recommended) / 16GB (minimum)
Disk: 1TB (recommended) / 500GB (minimum)

* May vary based on customer target count and retention period

Coverage

Database Monitoring

PostgreSQL, ORACLE DATABASE, MySQL, MariaDB Foundation, SQL Server, redis, mongoDB, CUBRID, Tmax Tibero

Application Monitoring

Java, python, node, GO, ASP.NET, C#, C/C++, php

3rd Monitoring

elasticsearch, Prometheus, kafka

Log Monitoring

STDOUT — kubernetes, docker
FILE — redhat, ubuntu, Java, python, ORACLE DATABASE, PostgreSQL, CUBRID, kafka

Infrastructure | Firewall / Switch / Router / On-Premise / Private / Public / Hybrid | K8s

redhat, AIX, amazon web services, ORACLE CLOUD, Azure, Google Cloud, kubernetes, docker, OPENSHIFT, fedora, Amazon Linux, Firewalld, NHN Cloud, Windows Server, NAVER CLOUD PLATFORM, kt cloud, kakao i cloud, Samsung Cloud Platform

Data Everywhere,
Make it Matter

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