

CYBERSECURITY INNOVATIONS POWERED BY AI

SecureIT[®]

Database Activity Monitoring (DAM)

AI-driven database activity monitoring with real-time visibility, threat detection, and automated compliance.

THE CHALLENGE

Top 5 Industry Challenges (if DAM is NOT implemented)

- **Lack of Visibility into Database Activity** - Organizations operate “blind” without knowing who accessed what data and when.
- **Increased Risk of Data Breaches & SQL Attacks** - Without real-time monitoring, SQL injection and unauthorized access go unnoticed.
- **Compliance Failures (RBI, SEBI, DPDP, PCI-DSS)** - No centralized audit trails for DDL/DML operations.
- **Inefficient Incident Investigation** - Absence of historical logs and forensic data slows root cause analysis.
- **Performance Bottlenecks Go Undetected** - Slow queries, deadlocks, and resource contention are not proactively identified.

70%

Faster Breach Detection

90%

Visibility into Database Activities

80%

Reduction in Insider Threat Risk

KEY BENEFITS

- ✓ **Real-Time Threat Detection & Response**
Continuous monitoring detects SQL injection, unauthorized access, and anomalies instantly.
- ✓ **End-to-End Audit & Compliance Readiness**
Tracks all DDL & DML activities with full audit trails.
- ✓ **Improved Database Performance Optimization**
Identifies long-running and resource-intensive queries proactively.
- ✓ **Faster Incident Investigation & Forensics**
Historical data retention enables deep forensic analysis.
- ✓ **Unified Multi-Database Monitoring**
Single console for MSSQL, MySQL, Oracle, SAP, etc.



KEY CAPABILITIES

One Unified Agent

01 Real-Time Activity Monitoring

- › Continuous tracking of:
 - User sessions, queries, transactions
 - Memory, CPU, buffer, cache metrics
- › Live alerting for anomalies and suspicious activities
- › 24/7 availability monitoring

02 Database Audit Protection (DAP)

- › Full audit trails:
 - DDL: user creation, schema changes, role modifications
 - DML: insert, update, delete, truncate
- › Historical log storage for compliance & investigations
- › Export reports (Excel, CSV, PDF)

03 Threat Detection & Security Analytics

- › SQL injection detection with pattern analysis
- › Unauthorized access & failed login tracking
- › DoS attack identification
- › IP-based threat intelligence dashboard

04 Performance Monitoring & Optimization

- › Top expensive queries analysis
- › Long-running query detection
- › Deadlock & blocking visualization
- › Query frequency & I/O tracking

05 Database Server Health Monitoring

- › CPU, RAM, disk utilization tracking
- › Cluster & failover monitoring
- › Early warning indicators for bottlenecks
- › Historical performance trends

06 Granular Access & Privilege Management

- › Role-based access control (RBAC)
- › Table-level permission control
- › Monitoring access to sensitive tables
- › Least privilege enforcement

07 Multi-Database & Unified Architecture

- › Supports:
 - MS SQL Server
 - MySQL
 - Oracle
 - SAP MaxDB
 - Progress DB
- › Single-pane-of-glass management
- › Agent + server + web-based architecture

08 Dashboards & Reporting

- › Security dashboards:
 - Alerts, threat types, session activity
- › Session dashboards:
 - Active sessions, query trends
- › Custom reports:
 - Activity logs, threat reports, audit logs



ADD-ON AVAILABLE

Need 24/7 coverage? Add Velox MDR.

- India-based SOC analysts, 24x7x365
- 15-minute SLA for critical incidents
- Seamless activation — no new agent required

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THINK CYBER SECURITY... THINK VELOX

Velox Solutions is a Global cybersecurity OEM delivering advanced, AI-powered technologies that strengthen Security Operations and enterprise resilience since 14+ years. Our solutions enable faster threat detection, automated response, and deep visibility across users, endpoints, and infrastructure. Leveraging AI-driven SIEM, SOAR, and behavioural analytics, Velox builds proactive, intelligence-led SOC environments, empowering government and enterprise sectors to stay ahead of evolving cyber threats.

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