



Surveillance DB™ for Security

Comprehensive Security Monitoring for Your Databases

Product Datasheet

Key Benefits

- Monitor real-time collection activity, for total query time, IO time, lock time, and much more
- Graph global metrics--such as active sessions, lock queues, memory usage, and much more--over many hours
- Use Flashback to find Top Collection Activity from yesterday or last week, showing query time, IO time, lock time, and much more
- Time Slicing enables quick, ad-hoc analysis of recent history... From top SQL by hour to top processes by day
- Produce long-term historical reporting from the Surveillance Centralized Repository Database

Available via Windows or Web-Based Client

Overview

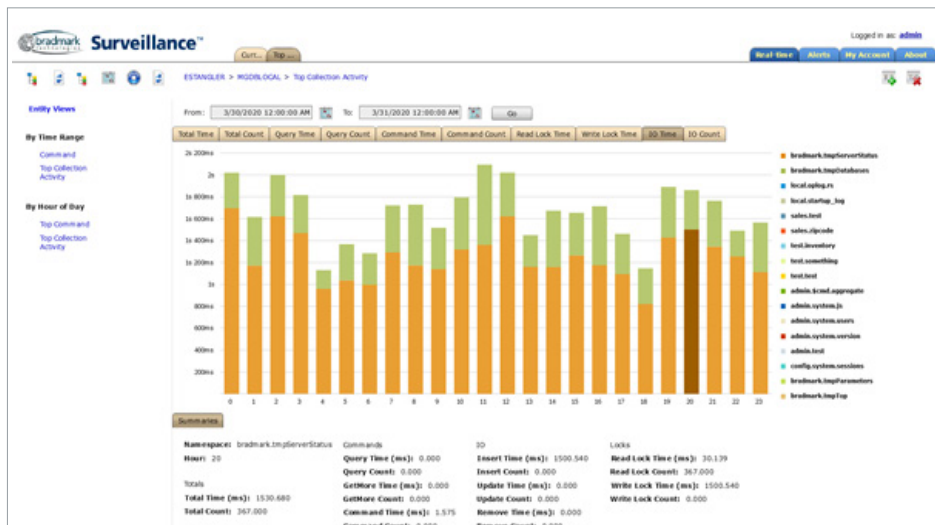
In these times, proactively monitoring for hacking is a REQUIREMENT and paramount to reducing exposure and damages. Bradmark's **Surveillance DB** provides multiple levels of monitoring and reporting to detect and prevent sustained attacks from threats internal and external including:

- Dozens of real-time alerts of suspicious activity
- Extensive audit reports
- Forensic analysis of audit trails of specific activities
- Security alert dashboard

To accomplish this, Surveillance has:

- Different monitoring levels based on need (compliance level, operational level, etc.)
- Lightweight operational auditing (in addition to native database auditing)
- Scalable deployments
- Easy setup and maintenance

See [Top Collection Activity By Hour - For IO Time](#)



Product Overview

Surveillance DB provides essential performance monitoring and management for the IT database user. The Surveillance toolset consists of a real-time monitor, an unattended background monitor, a Central Alerter to monitor multiple servers, a Flashback feature that allows you to go back in time to simulate the previous events, and a Historical Repository for reporting, analysis, trending and space management.

Surveillance's unattended background monitoring features utilizes standard and customized rules to determine if the database is performing within acceptable limits. If it's not, the rule sets and event handler will automatically send out an alert to the DBA that can be tailored to any specific requirement, including taking remedial action.

And for after-the-fact root cause analysis, capacity planning, and server level monitoring, Surveillance's Central Repository can store historical performance and server information over your entire enterprise environment.

Key Product Functionality

Fully Asynchronous Collections provides enhanced collectors and other components to gather metrics more asynchronously, providing a more reliable, scalable, and responsive product.

Web Client Reporting provides long-term historical metrics via data mined from the Central Repository database to:

- *Graph global metrics--such as active sessions, lock queues, memory usage, and much more--over many hours*
- *Review historical query plans for Top Commands in the past*

Real-Time Monitoring Views

- Monitor currently executing commands, with full command text available
- Monitor connections
- View locks
- Monitor database space usage
- Display / search all settings, or just the changed (non-default) settings
- Terminate commands from the UI
- Server Health view provides top-level views of key performance and utilization metrics including:
 - *Most utilized database and logs segments*
 - *Configured resources reaching capacity*
 - *Overall CPU, IO, and cache performance with tabs to look at engine utilization, device IO, and individual cache performance*
 - *Timed event statistics identify specific resource bottlenecks*
 - *Objects with the highest IO rates*
 - *Network IO*

System Requirements

Console Requirements:

- Windows 7 or later
- 600 MHz Pentium Processor
- 128 MB of RAM
- 100 MB free hard disk space

Agent Requirements:

- Platforms: Windows Server 2003 or later, AIX, HP-UX PA-RISC, HP-UX Itanium, Linux x64 - x86, Linux POWER, Solaris SPARC, Solaris x64
- Full 64-bit support on UNIX and Linux
- 200 MB disk space, plus repositories

Database Version Support:

- SAP ASE version 12.0 or later
- SQL Server 2005 or later (currently 2019)

About Bradmark

For over 30 years, Bradmark Technologies has provided data management solutions to help companies manage their data, increase system reliability and drive down IT costs.



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