

Spotlight[®] ENTERPRISE EDITION on SQL Server

Real Time Performance Monitoring, Diagnostics and Issue Resolution

In order to diagnose performance issues in growing SQL Server environments, database administrators (DBAs) must follow a long list of steps on each server until they find where the problem originates. Once they isolate a problem, determining the root cause and fixing it can be a time-intensive and an incredibly difficult process. That's because DBAs must interpret mountains of data and the resolution is rarely obvious.

Spotlight[®] on SQL Server Enterprise dramatically simplifies this process. It detects and diagnoses performance problems across a SQL Server environment and provides an overview of enterprise performance through an intuitive interface. Bottlenecks are detected at the server level. Then, the root cause is isolated through granular analyses of metrics and issues are resolved quickly.



BENEFITS

- Provides an easy-to-follow overview of enterprise performance
- Identifies servers where performance degradation originates
- Isolates root cause of a performance issue
- Analyzes performance metrics to expedite issue resolution
- Offers custom reporting capabilities
- Generates automated SQL performance tuning and index

“With Spotlight[®] on SQL Server Enterprise, we immediately found index problems and poorly written queries. The product was a major help in isolating performance problems in our reporting process, allowing us to reduce execution time from 20 minutes to seven seconds.”

— David Jacobus
LA Weightloss

View performance of your SQL Server environment in real time for immediate issue resolution.

Main Features in Spotlight on SQL Server Enterprise:

- **Custom Performance Counters** – The custom counters capability will track and alarm on service level-specific processes as though they were metric counters to proactively handle performance issues that are uniquely critical to the business.
- **Top SQL and Real-time Query Plans** – Pinpoint critical SQL statements based on index usage, resource consumption or efficiency in your environment. Also, review run-time query plans for performance.
- **Spotlight Today** – In a summary view, determine the most critical instance alarms in your SQL Server environment as detected with Spotlight and take immediate action to resolve performance issues.
- **Alarm Notification and Snooze** – Craft custom responses to resource bottlenecks, job failures and other operational anomalies. Notifications can be set for visual display, via e-mail or programmatically.
- **Historical Playback Slider** – Navigate through performance diagnostics and alarm data over a particular time period with a historical slide control. Resolve recent performance issues from any Spotlight management screen.
- **Custom Reporting and Trending** – Understand the health, activity and capacity trends of your SQL Server environment. Choose from a large variety of integrated management and performance views, client-side reports and the Spotlight on SQL Server Enterprise Report pack.

Spotlight on SQL Server Enterprise enables you to:

- See enterprise-level performance at a glance
- Identify individual servers where performance degradation originates
- Craft custom resource alarms and thresholds to include business processes
- Automate performance metric analysis for fast issue resolution
- Diagnose and resolve common issues quickly, including blocking locks, deadlocking and index maintenance
- Automatically resolve SQL performance issues
- Provide management with customized performance and trend reports

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Now more than ever, organizations need to work smart and improve efficiency. Quest Software creates and supports smart systems management products—helping our customers solve everyday IT challenges faster and easier. Visit www.quest.com for more information.



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SYSTEM REQUIREMENTS

Monitored Servers:

- SQL Server 2000 SP3
- SQL Server 2005 (32 or 64-bit)
- SQL Server 2008 (32 or 64-bit)
- Spotlight on SQL Server Enterprise also supports MSDE (2000)
- SQL Express (2005)

Operating Systems:

- See client operating system requirements

Diagnostic Server

Hardware:

- 1 GHz Pentium IV
- 1 GB RAM

Operating Systems:

- Windows XP SP2 (32 or 64-bit)
- Windows Server 2003 (32 or 64-bit)
- Windows Server 2008 (32 or 64-bit)

Client

Hardware:

- 500 MHz Pentium III
- 60 MB of free local disk space
- 256 MB of RAM

Operating Systems:

- Windows 2000 with Service Pack 4
- Windows XP (32 or 64-bit)
- Windows Vista (32 or 64-bit)
- Windows Server 2003 (32 or 64-bit)
- Windows Server 2008 (32 or 64-bit)

Additional Software:

- SQL Server 2000+ Client Tools
- Microsoft® Internet Explorer 4.0 or later
- Microsoft Data Access Components (MDAC)