



# Foglight® for SQL Server

## Fast Detection, Diagnosis and Resolution of Performance Issues—with Little Overhead

Database health is critical to ensuring business continuity. To maintain peak database performance, database administrators (DBAs) need unattended, 24x7 data collection and automated alerting. Unfortunately, native tools do not offer these capabilities. And even without the capabilities, these tools still impose excessive overhead onto systems that might already be experiencing performance problems.

But with Quest's Foglight® for SQL Server, DBAs can easily detect, diagnose, resolve and report on performance issues wherever, whenever and however they occur.

Foglight's intuitive interface also allows DBAs to assess enterprise-level performance at a glance. Through the interface, DBAs are instantly alerted to performance bottlenecks and can play back historical data to diagnose issues. To identify the root cause of performance problems and speed resolution, the solution offers built-in expert knowledge and workflows. And Foglight provides all of these capabilities with a minimal footprint, imposing no agent overhead on the monitored hosts. The solution can function as either a standalone application or as a component of a larger enterprise monitoring solution.



*Foglight's real-time view of performance helps DBAs ensure database health, supporting business continuity.*

- View enterprise-level performance at a glance
- Identify servers and resource areas where performance degradation originates
- Diagnose and resolve issues quickly with drill-downs and built-in expert advice
- Automate performance metric analysis and responses for fast issue resolution
- Extend default data collection to include business processes and additional metrics as well as set custom resource alarms and thresholds
- Leverage built-in workflow functionality to craft solution templates unique to your environment
- Ensure complete coverage with the lowest possible overhead

## Supported Platforms

### System Requirements:

#### Supported Database Servers:

##### SQL Server versions:

- SQL Server 2000
- SQL Server 2005
- SQL Server 2008

##### Operating Systems:

- Windows 2000
- Windows 2003  
(including Itanium)
- Windows 2008 (32-bit, 64-bit  
Opteron and Xeon)

#### Client:

##### Hardware:

- Pentium III  
(Pentium IV recommended)
- Dedicated Client: 512 MB  
of RAM
- Shared Client: 1024 MB of RAM

##### Operating Systems:

- Win2000 (SP3 or later)
- Windows XP (SP1 and SP2)
- Win2003 (R1 and R2)
- Vista Business

##### Additional Software:

- Microsoft® Internet Explorer 6.0  
or later
- Microsoft Data Access  
Components (MDAC) v2.6  
or later

## Key Features

**Global View** – Determine your most critical instance alarms and immediately take action to resolve performance issues, both for SQL Server and across platforms.

**Built-in Intelligence** – Understand the health and activity of your SQL Server enterprise with a variety of integrated management functionality and performance views; this includes pop-up advice with correlated workflows, built-in links to Foglight Performance Analysis for SQL Server, context-sensitive links to SQLServerPedia, and links to Quest's SQL Server community forum.

**Custom Performance Counters** – Track and get alerts on processes tied to service levels as though they were metric counters so you can proactively handle business-critical performance issues.

**Historical Data** – Navigate through performance diagnostics and alarm data to resolve recent performance issues from any drill-down screen.

**Wait-State Analysis** – Diagnose wait statistics to easily determine where waits are occurring and what is causing the event.

**Comprehensive Alarm Workflow** – Manage and annotate alarms, set up blackouts and search for past solutions.

**Drag-and-Drop Reporting** – Create custom views and reports quickly and easily.

**Wizard-driven Installation** – Leverage a powerful wizard to easily install and configure Foglight as a standalone solution or to add SQL Server monitoring to existing infrastructure.

**Simple Integration** – Integrate Foglight seamlessly with other end-to-end enterprise monitors.

**Automatic Instance Discovery** – Deploy Foglight capabilities rapidly and painlessly with automatic instance discovery over an IP range or specific hosts (you can also manually add instances).

**Enterprise Configuration Management** – Enjoy convenient, centralized administration and configuration without giving up the flexibility of customizing individual connections.

## About Quest Software, Inc.

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](http://www.quest.com) for more information.



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