



# Foglight®

## For IBM® WebSphere® MQ

*Proactive application management reducing incidents and downtime*

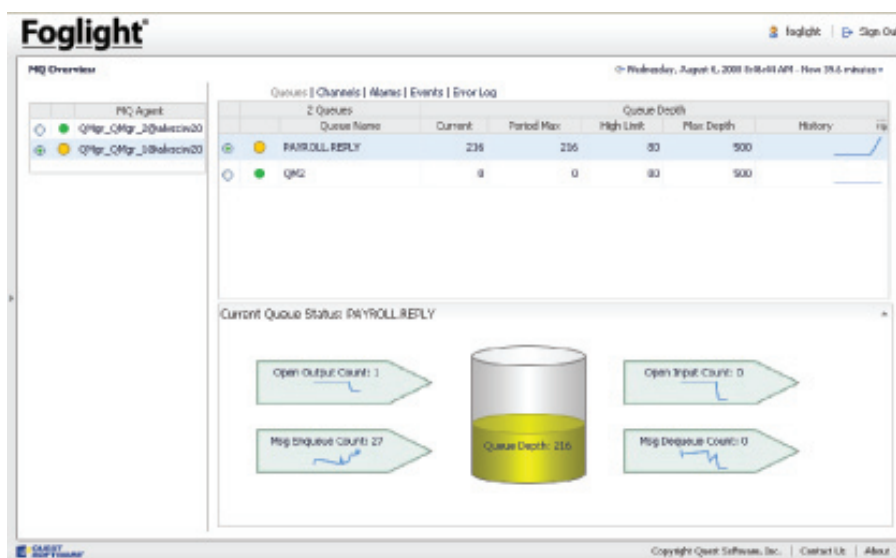
Many organizations have told us they are using costly manual efforts, trial and error, and precious time to tackle application management problems within the MQ environment and its associated applications. Plus, they have little visibility into how each application component affects another, leaving them guessing about what's causing performance problems, where they are located, or worse yet, unaware that there are problems at all. Handling these issues in a reactive manner can lead to significant harm to a company's bottom line and reputation.

Foglight® allows you to resolve incidents that may arise within the IBM® WebSphere® MQ (MQ) infrastructure before they become an issue for your business—improving service levels and reducing the risk of downtime. It provides a correlated 360-degree view of your application environments, including applications dependent on MQ. The view allows you to find the root causes of all business impacting incidents, prioritize them and fix them quickly. The result is consistently strong application performance at established service levels to meet Enterprise Application Integration (EAI) initiatives.

- Auto-discovery of, and quick adaptation to, infrastructure changes
- Management of applications across complex architectures
- Intelligent monitoring, correlation and presentation of multiple perspectives
- Immediate alert notification of incidents
- Fast root-cause identification and resolution of incidents
- Rule-based control actions and programmed incident resolutions
- Extensive, full-featured reporting

### MQ Monitoring:

- MQ Objects—queue managers, queues, channels and processes
- Key performance metrics such as queue depth and queue service intervals
- MQ events including performance events, queue manager events and channel events
- Message flows to dead-letter queues
- IBM WebSphere MQ error logs



*A Foglight message queue drill down from a 360-degree view of an application running on WebSphere MQ.*

### Improves service levels delivered to end users and the business

Foglight will model and manage your applications according to the service(s) they support, whether you have contractual service level agreements or a basic understanding of what the business needs.

### Reduces incident counts and mean-time-to-resolution of incidents that occur

Foglight correlates metrics, components and relationships across your MQ messaging and IT infrastructures, allowing you to identify and diagnose the root cause of the incident and then empower the right team to resolve it.

### Mitigates risk of downtime

Foglight's historical views of performance enable you to identify trends and prevent downtime.

### Lowens the operational cost of managing applications on MQ

Its automated diagnostic capabilities provide all of the relevant information you need to understand and resolve an incident properly the first time.

### Provides extensive visibility for all application stakeholders

Foglight's level of visibility gives you a new level of insight into your critical applications and the end-user experience.



## System Requirements

Foglight can be installed on any of the following platforms:

- MQ Version 5.3 or later
- Windows 2000, 2003
- Solaris 8, 9, 10
- AIX 5.1, 5.2, 5.3
- HP-UX 11, 11i
- Redhat & CentOS AS/ES 4

## Prerequisites

Foglight Management Server

## Features

### **Adapts quickly to change and provides automatic discovery**

On installation, Foglight discovers MQ Objects automatically as new applications are introduced and adapts as existing applications are modified.

### **Manages applications across complex architectures**

Foglight tracks performance and availability of application services across multiple dedicated or shared computing resources. After setup, Foglight continuously monitors applications and the underlying MQ topology for state and configuration changes to ensure accurate performance.

### **Monitors, correlates and presents multiple perspectives**

Foglight provides intelligent monitoring, correlation and presentation of multiple perspectives, including end user, application performance, database, service levels, infrastructure and the WebSphere MQ ESB. It can cover hundreds of diverse technologies and organizational boundaries to deliver meaningful results that can be easily consumed by the business and IT.

### **Correlates between application service levels, end-user experiences and the health of the entire messaging environment**

By analyzing real-time MQ performance and availability data from the Foglight server, Foglight's MQ technology determines whether messages are being sent, received and processed successfully.

### **Generates immediate alert notifications**

In response to pre-defined performance thresholds or events, Foglight immediately notifies you of incidents via event console, e-mail, page, SNMP or other mediums. This data can also be integrated for delivery through frameworks such as HP OpenView and IBM Tivoli.

### **Offers rule-based control actions and programmed repairs**

You can define rules for Foglight to automate triggering notifications as well as corrective actions in response to specific events. Also, you can enable programmed repair of MQ network by pre-defining the corrective actions that will be triggered by Foglight for specific thresholds or events.

### **Provides extensive, full-featured reporting**

Technical staff and business managers can easily access Foglight's centralized repository of extensive messaging, performance and availability data. This data assists you in evaluating current and historical service levels, and in accurate capacity planning. The collected WebSphere MQ data can be viewed, analyzed and reported using both the Foglight Web and Java user interfaces.

## About Quest Software, Inc.

Quest Software, Inc., a leading enterprise systems management vendor, delivers innovative products that help organizations get more performance and productivity from their applications, databases, Windows infrastructure and virtual environments. Through a deep expertise in IT operations and a continued focus on what works best, Quest helps more than 90,000 customers worldwide meet higher expectations for enterprise IT. Quest's Foglight® application management solution unifies IT services with end users and the business, resolves problems faster to reduce downtime, and lowers the operating cost of managing applications. Quest Software can be found in offices around the globe and at [www.quest.com](http://www.quest.com).



[www.quest.com](http://www.quest.com)

e-mail: [info@quest.com](mailto:info@quest.com)

Please refer to our Web site for international office information.

©2008 Quest Software, Inc. All rights reserved. Quest and Spotlight are registered trademarks of Quest Software. All other brand or product names are trademarks or registered trademarks of their respective companies.

DSA-FoglightMQ-US-MJ-081808