

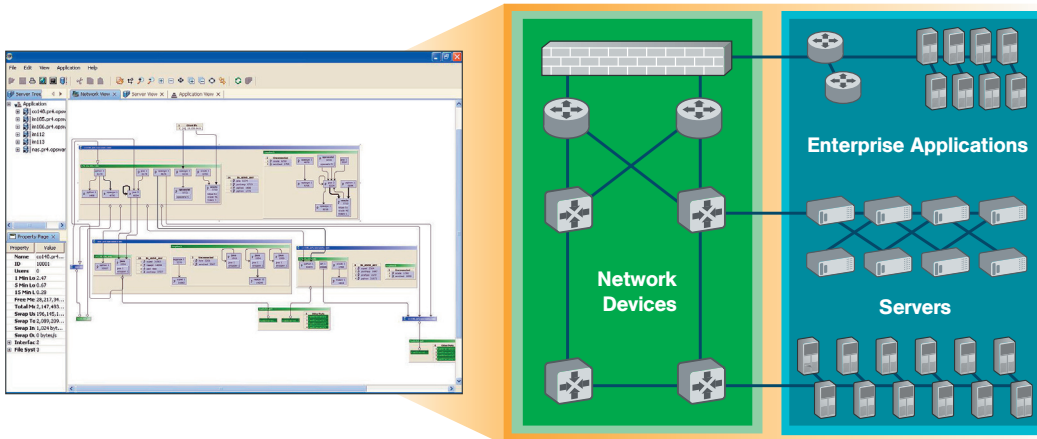
# Opsware Visual Application Manager

## Integrate Change Automation with Discovery and Application Dependency Mapping

Today's IT organizations are required to have greater visibility and control over their environments than ever before. Therefore, application discovery and dependency mapping tools are becoming commonplace in IT organizations to provide an automated way of discovering what's running on which servers and how servers and network devices are connected to each other.

The Opsware Visual Application Manager leverages the Opsware Server Automation System's infrastructure for an inside-out approach to discovery and dependency mapping, auto-discovering running processes, application dependencies, server and network infrastructure information. The Opsware Visual Application Manager brings together these infrastructure elements in an easy-to-understand visual map that can be used for improved compliance auditing, troubleshooting complex business applications, and providing the basis for change impact analysis.

### Opsware Visual Application Manager



### Automate compliance management

One of the key cornerstones to complying with regulatory standards is understanding which servers or network devices to track for key applications in order to meet audit requirements. While many organizations have a good understanding of the components that make-up their applications, they fail to understand which servers and network devices the application is running on. Without this information, IT administrators don't know which devices to track, set policies for, or how an application is configured. With the Opsware Visual Application Manager, applications can be modeled in the "Application" view with a few simple inputs. Opsware automatically maps the application to the underlying server and network infrastructure. This view can be refreshed as needed to capture any changes on either the application or server and network side. IT administrators now can see if the application is properly configured

### Opsware Benefits

#### Eliminate manual data collection

Automate discovery of server, application and network infrastructure and dependency information.

#### Automate compliance management

Quick identification of server and network infrastructure supporting key applications.

#### Improve productivity and achieve faster time-to-repair

Identify mis-configurations and perform change impact analysis with auto-discovery of environment and dependencies.

as well as which server and network devices it relies upon. Having this visibility in conjunction with the Opsware Server Automation System, administrators can more easily track and report on compliance requirements.

### **Improve troubleshooting for faster time-to-repair**

When an IT service stalls or worse yet, fails, one of the first troubleshooting actions is to bring together server, network and application teams to discuss what went wrong. Each team typically brings their view of the infrastructure to the table. What's missing from this model is one, up-to-date view of all areas to ensure that the various teams are working off "a single pane of glass". The Opsware Visual Application Manager provides an up-to-date view of the environment across applications, servers, and network devices. This map, combined with the easily accessible server and network change history logs, can improve troubleshooting and reduce time-to-repair.

### **Perform impact analysis to reduce downtime**

When server hardware or network devices need repair, they must often be taken off-line. Today, it's difficult to accurately and quickly identify which applications will be impacted when a server or network device is removed. With the dependency map created by the Opsware Visual Application Manager, IT administrators can quickly see which applications are being hosted on servers and how servers connect to network devices. This information is easily refreshed to enable application-level impact analysis.

## **OPSWARE VISUAL APPLICATION MANAGER OVERVIEW**

Automated Application Discovery and Dependency Mapping	Quickly discovers and maps dependencies for the entire application environment including network devices*, servers, software, and business applications. Shows running processes, interconnectivity, and open files.
Scalable, In-depth Views	Easy-to-use interactive visual representations of the IT environment. Intelligently filters and groups information to allow in-depth views of a particular area of the data center and applications. Multiple views, including network, server and application views to address the needs of different IT groups.
Active Change and Configuration Management	Uniquely allows changes to be made directly from the Opsware Visual Application Manager interface. Seamlessly integrated with the Opsware Server and Network Automation Systems. Provides an automated way to produce environment state views integrated with change activity history.
Rich, Extensible Library of Application Signatures	Rich library of application signatures, including critical applications such as Oracle, BEA WebLogic, Apache, and Microsoft SQL Server. Color-code application components for quick identification. Easily extend application signature library to accommodate custom applications.

\* Requires Opsware Network Automation System

Opsware Visual Application Manager is available as a module of the Opsware Server Automation System. Opsware provides the most comprehensive solution to automate the entire operations lifecycle for server hardware, software, and network infrastructure. Please visit [www.opsware.com](http://www.opsware.com) to learn more about the products in Opsware System 6.



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