Preparing for Microsoft Amalga UIS 2009 Management Pack for operations manager 2007

*Installation and Usage Guide*

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Microsoft

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# Introduction

Amalga UIS 2009 includes Microsoft® Amalga™ UIS 2009 Management Pack, an Amalga UIS-centric monitoring system that was developed for Microsoft System Center Operations Manager.

The Amalga UIS Management Pack uses instrumentation built into Amalga UIS - to provide real-time monitoring of the Amalga UIS environment.

The Microsoft System Center Operations Manager is an end-to-end service-management product designed to seamlessly support Microsoft software and applications. System Center Operations Manager 2007 replaced Microsoft Operations Manager (MOM). The Amalga UIS Management Pack will not function on MOM.

The Amalga UIS Management Pack is compatible with Amalga UIS 2.0 or later.

The Amalga UIS Management Pack is designed for Microsoft System Center Operations Manager 2007 R2. More about the Microsoft System Center Operations Manager can be found on the product web page: <http://www.microsoft.com/systemcenter/operationsmanager/en/us/default.aspx>

Amalga UIS Management Pack was designed to work in concert with other Microsoft management packs to support technologies such as Microsoft Windows Server, SQL Server, and IIS. By allowing each of the subsystems to perform their own monitoring, customers not only have best-of-breed monitoring, but the flexibility to run the configurations that best suit their needs.

# System Center Operations Manager Training

Microsoft strongly recommends that all clients who are new to the Microsoft System Center Operations Manager receive formal training in the administration and usage of Operations Manager. It is strongly recommended that on-site, classroom training be performed.

In addition to the formal training, on-line tutorials are available as videos, labs, webcasts, learning plans, and more. The Microsoft TechNet website has more details: <http://technet.microsoft.com/en-us/opsmgr/bb499676.aspx>

# Dependency Solutions Installation and Familiarization

Customers should install the following prior to installing the Amalga UIS Management Pack:

1. Microsoft System Center Operations Manager 2007 or later
2. Microsoft Windows Server Management Pack – must match the version deployed for Amalga UIS
3. Microsoft SQL Server Management Pack – must match the version deployed for Amalga UIS
4. Microsoft IIS Management Pack – must match the version deployed for Amalga UIS

Each of the management packs should not only be installed, but their operation should be familiar to customers prior to the installation of the Amalga UIS Management Pack. Each of the servers used in the Amalga UIS installation should be monitored. Any required customization of alerts, or other monitoring flags, should be completed prior to the installation of the Amalga UIS Management Pack.

# Amalga UIS 2009 Management Pack

## Background

The Amalga UIS Management Pack is one of the more complex management packs created at Microsoft. The “automatic system discovery” and clustered server handling provide highly significant automation for the customer.

## Monitoring and Alerting

The Amalga UIS Management Pack consumes and displays performance counters and Amalga UIS event log entries, providing a means for real-time alerting (notification) through numerous means, including email and paging. The system tracks when services have failed. The Amalga UIS Management Pack can tell if a system has been put into maintenance mode to avoid false alerting.

## Environment Customization

The Amalga UIS Management Pack has the ability to monitor multiple physical environments simultaneously, while providing the operator with environment specific information. From a single Operations Manager installation, the customer can monitor as many Amalga UIS 2009 installations as needed, such as development, testing, User Acceptance Testing (UAT), and production. The installation configuration switch is a single registry key on each server.

## Amalga UIS 2009 Management Pack Guide

For in-depth information on the installation and use of the Amalga UIS Management Pack, please refer to the Microsoft Amalga UIS 2009 Management Pack Guide for Operations Manager 2007.