



OpsCenter Supported Platforms and Recommended Hardware

Recommended Hardware and Software

The following table is provided as guidance when considering hardware capacity requirements for OpsCenter. The table also documents software supported by OpsCenter.

Recommended Hardware						
# Of Concurrent Users	Database Server			Web Server		
	CPUs	Memory	Disk	CPU	Memory	Disk
≤ 50	Single	4 Gb	200 Gb	Use Database Server		
51 to 100	Dual	4 Gb	400 Gb	Single	4 Gb	200 Gb
101 to 250	Dual	8 Gb	600 Gb	Dual	8 Gb	200 Gb
251 to 500	Quad	16 Gb	800 Gb	2 servers w/ Dual ea.	2 servers w/ 8 Gb ea.	2 servers w/ 400 Gb ea.
> 501	Contact Alert Technologies Technical Support					
Supported Software						
Database Server				Web Server		
<ul style="list-style-type: none"> • Oracle versions 9i and later • Microsoft SQL Server versions 2008 and later 				<ul style="list-style-type: none"> • Microsoft Windows 2008 Server Standard or Enterprise Editions or later 		

Figure 1 Hardware Capacity Planning and Supported Software Table

The software for both the database and operating system should have the latest patches.

The hardware and software platform for the database server can be any platform that the databases above officially support. If unsure of which platforms are officially supported, you may check the web page for the vendor that develops the database you would like to use.

The application server component of OpsCenter does most of the calculation and serves information to the clients through a web server. OpsCenter is designed to run with the Microsoft application server technologies. Specifically, the application server uses Microsoft Transaction Server (MTS) and Microsoft Internet Information Server (IIS). Both of which are included in the supported Windows Operating systems.

Architectural Overview

To aid in the understanding of the platforms supported by OpsCenter it is helpful to have some knowledge of its architecture. OpsCenter uses a three-tier architecture, so there are several different components that comprise the system.

The following provides a simple illustration of OpsCenter's three-tier architecture.

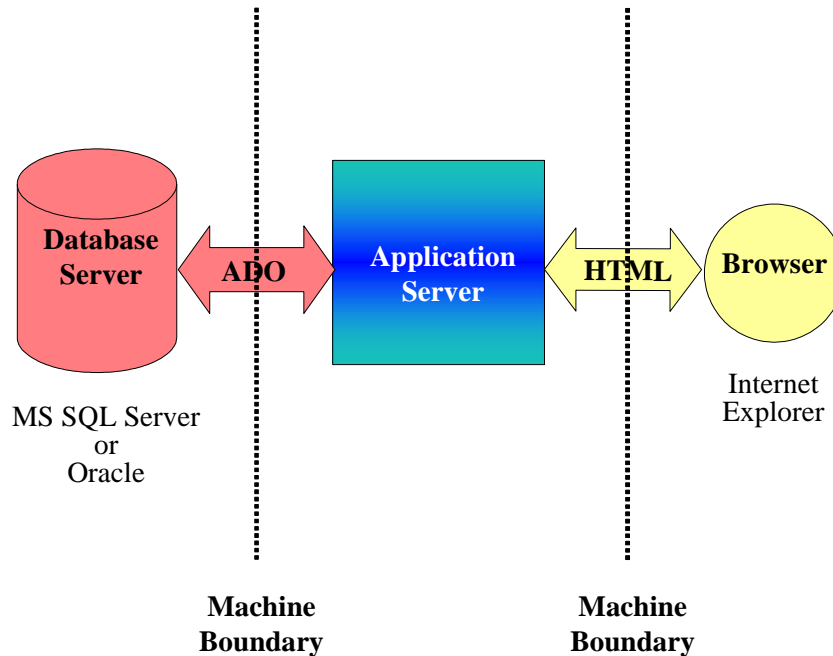


Figure 2 High-Level Architecture Overview

OpsCenter Client

The OpsCenter system is designed to use standard web browsers when accessing the system. The following browsers are officially supported:

- Internet Explorer 7.0 or higher
- Google Chrome
- Mozilla Firefox
- Safari

Some people have used other browsers to access the system, but they are not guaranteed to work. If there is another browser that you would like to see officially supported, please contact the Alert Technologies Technical Support. The hardware requirement for the client is any hardware that supports one of the browsers listed above.

Scalability

Regarding deployment of the system, a single Application Server can serve multiple databases, even databases of different types. Multiple Application Servers can serve a single OpsCenter database as well, providing scalability to the system. The application server and the database server can run on the same machine or on separate machines, even machines of a different architecture.