

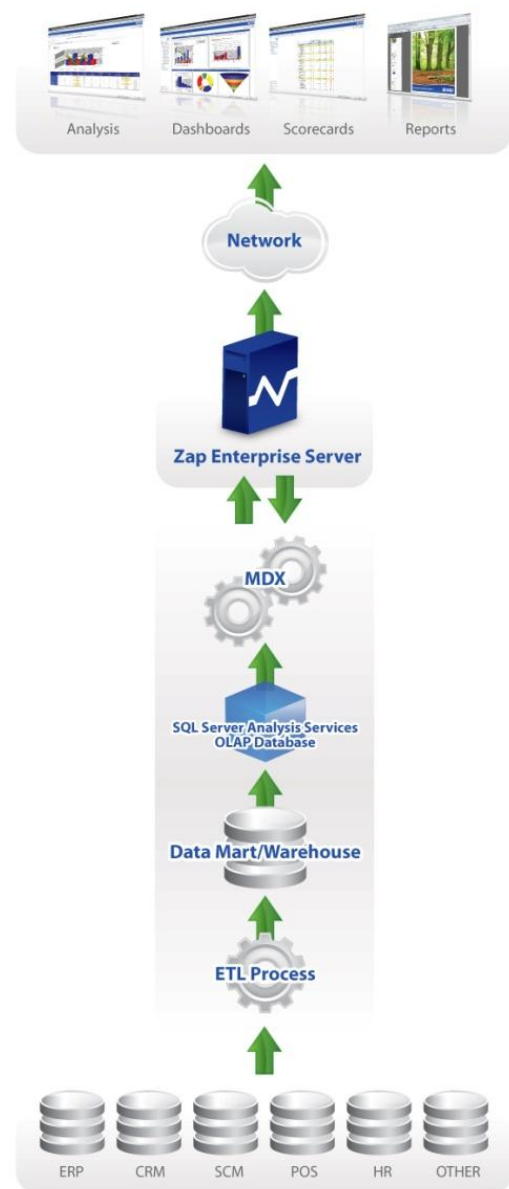
## Deployment and integration

- The zero footprint web architecture ensures no intrusion on your users' computers.
- A wizard-driven installer for server-side software seeks out pre-installed Microsoft components and versions to streamline installation.
- Analytics can be viewed via Outlook®, exported to Excel®, or integrated with SharePoint®.

## Technology

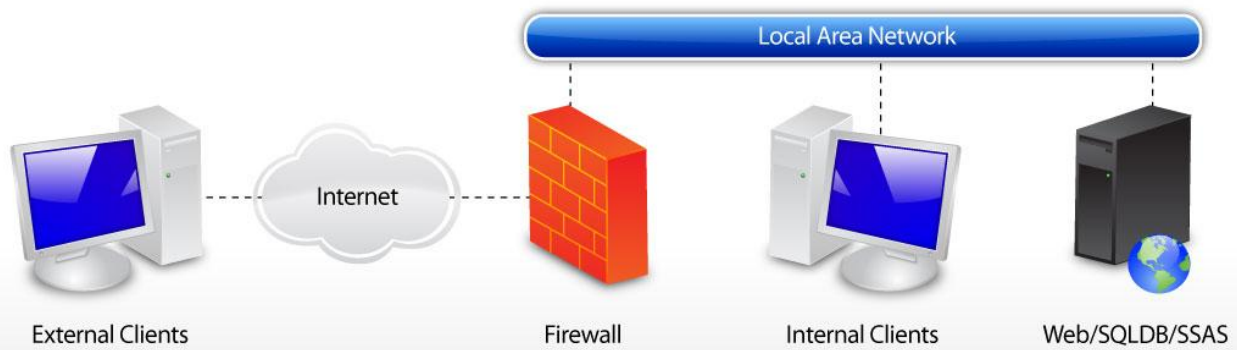
- 100% Microsoft technology, minimizing the skills and resources you need to deploy analytics.
- Specifically designed to minimize network bandwidth usage.
- Highly scalable from one to thousands of users. Suitable for SMEs through to enterprise.
- Multi-tenanted for hosting multiple companies through a single Zap deployment.

## Architecture » Either multi-tenancy or single on premise



## Deployment Options and Specifications

» **All-in-One Option** - Ideal for SMEs with a small user base with limited resources.



Specifications	
<b>Recommended Hardware</b>	
Processor	Dual 2 GHz Quad Core Xeon
RAM	8GB
Hard Disk Space	5GB
<b>Required Software</b>	
Server Operating System	Windows® Server 2003/2008 <sup>1</sup>
Internet Information Services	IIS/Web Server role to be installed on supported operating system
Microsoft .NET Framework	3.5 SP1
SQL Server Database Engine	SQL Server 2005 SP3/ 2008 SP1
SQL Server Analysis Services	SQL Server 2005 SP3/ 2008 SP1
Browser	Internet Explorer® 8.0 or newer for printing purposes
<b>Optional Software</b>	
SQL Server Reporting Services	SQL Server 2005 SP3/ 2008 SP1
<b>Client PC Software</b>	
Operating System	Microsoft Windows-based PC.
Browser	Internet Explorer® 8.0 or newer
PDF	Adobe Reader 7.0 or newer for printing
Microsoft Office Excel	2000 and above (for export to .xls format)

### Notes:

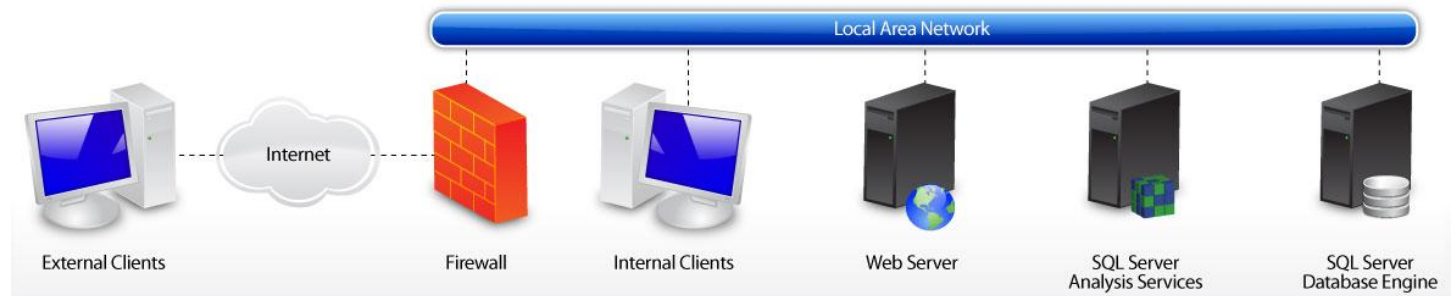
- For current release patch/version information, refer to Knowledge Base article #207.
- Recommendations are provided only for Business Intelligence requirements and not existing source system load.
- Zap recommends that the Business Intelligence server role be isolated from the source application and database servers.
- The All-in-one Business Intelligence server option will cater for either a single tenant or a limited multi-tenancy environment depending on individual cubes.
- Specifications are based on configurations with physical machines; specifications may differ for virtual machines.
- All SQL Server versions referenced are Standard or Enterprise edition.

### Table notes:

1. To utilize more than 4GB of memory, the 64-bit versions of Windows Server are required.

# Deployment Options and Specifications

» **Distributed Option** - Ideal for organizations with larger volumes of data and users.



Specifications			
Web Application Server		SQL Server - Database Engine	
<b>Recommended Hardware</b>		<b>Additional Hardware Capacity</b>	
Processor	2 GHz Quad Core Xeon	RAM	1GB
RAM	4GB	Hard Disk Space	2GB <sup>2</sup>
Hard Disk Space	100MB		
<b>Required Software</b>		<b>Required Software</b>	
IIS	6.0/ 7.0/ 7.5	SQL Server Version	SQL Server 2005 SP3/ 2008 SP1 <sup>3</sup>
Server Operating System	Windows Server 2003/ 2008 <sup>1</sup> (Including IE 8.0 for printing purposes)	Server Operating System	Windows Server 2003/ 2008 <sup>4</sup>
Microsoft .NET Framework	3.5 SP1	<b>Optional Software</b>	
		SQL Server Reporting Services	SQL Server 2005 SP3/ 2008 SP1
Client PC		SQL Server - Analysis Server	
<b>Required Software</b>		<b>Required Software</b>	
Operating System	Microsoft Windows-based system.	SQL Server Version	SQL Server 2005 SP3/ 2008 SP1 <sup>3</sup>
Browser	Internet Explorer® 8.0 or newer	Server Operating System	Windows Server 2003/ 2008 <sup>4</sup>
PDF	Adobe Reader 7.0 or newer for printing		
Microsoft Office Excel	2000 and above (for export to .xls format)		

## Caution:

**Ensure you discuss this specification with your authorized Zap Partner before implementing Zap Business Intelligence.**

- For current release patch/version information, refer to Knowledge Base article #207.
- Recommendations are provided only for Business Intelligence requirements and not existing source system load.
- Zap recommends that the Business Intelligence server role be isolated from the source application and database servers.
- The specification for distributed role environments are based on physical machine requirements and presumes that the reason for distribution is due to larger volumes of data. Specifications may differ for virtual machines.
- For information about web-farm specifications, please contact your authorized Zap Partner.
- Network Load Balancing is supported using affinity (sticky sessions); however, Auto Failover is not provided for the session. That is, if load balancing fails over, the existing session is lost and a new session started with affinity to the new web server in the farm.
- For source systems above 100GB, please refer to the Microsoft SQL Server performance guides.
- All SQL Server versions referenced are Standard or Enterprise edition.

## Table Notes:

1. To utilize more than 4GB of memory, you will require 64-bit versions of Windows Server.
2. Disk configuration to be in accordance with SQL Server performance guidelines for RAM and disk I/O specification.
3. SQL Server Enterprise Edition is required for extended analysis.
4. If clustering is used, an appropriate Windows version to support clustering is required.