

SYSTEM REQUIREMENTS GEOVIA InSite

When planning a GEOVIA InSite™ deployment, you must give consideration to usage scenario: understanding which components are used most heavily, and then derive an appropriate server configuration to meet those demands.

INSITE CONSISTS OF FIVE BASIC COMPONENTS:

- Client applications (DataManagement, Data Entry)
- InSite Application Server (IIS)
- InSite Integration Services (IIS)
- Database server (SQL Server)
- Reporting services (SSRS, SSAS)

Aside from the client application, the other four services can either reside on a single server, or more typically on several dedicated servers. This provides a scalable, robust, and flexible way to scale InSite to support small and large installations.

RECOMMENDED AND MINIMUM CLIENT SPECIFICATION

DESCRIPTION	MINIMUM	RECOMMENDED
Operating System	Windows® 7x64 and x86 (all editions)	Windows 10x64 and x86 (all editions)
Software	Microsoft® .NET 4.5.2 Framework Microsoft® Silverlight 5 Silverlight Compatible Browser (Firefox 42+ and Internet Explorer 7+)	Microsoft .NET 4.5.2 Framework Microsoft Silverlight 5 Silverlight Compatible Browser (Firefox 42+ and Internet Explorer 11)
Memory	4 GB RAM	8 GB RAM or greater
Processor	Intel Core™ 2 Duo 2 MB L2 cache 800 MHz FS bus	Intel Core i5 or greater 4 MB L3 cache
Disk Drives	10 GB of usable disk space	10 GB of usable disk space
Graphics Adapter	32-bit color 1440 x 900	32-bit color 1920 x 1080 or greater
Network	100/1000 Mbps	100/1000 Mbps

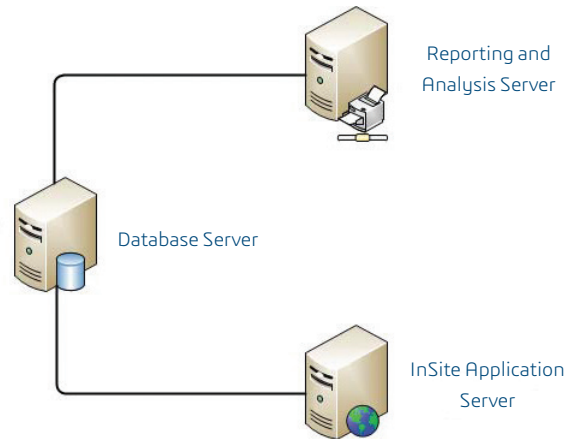
RECOMMENDED AND MINIMUM SERVER SPECIFICATIONS

The recommended server installation is a for a medium mine. You install the server on three separate machines: a reporting and analysis server, a database server, and an application server.

While it is possible to install InSite on only one server, the following configuration is the minimum recommendation because all components perform well under typical usage scenarios.

An example of a typical usage scenario is:

- 20 concurrent InSite web users
- 10 users of manual data entry
- Several users simultaneously executing ad-hoc reporting
- Integration load of up to 10,000 records per day



MINIMUM SYSTEM SERVER REQUIREMENTS

DESCRIPTION	APPLICATION SERVER	REPORT SERVER	DATABASE SERVER
Operating System	Microsoft Windows Server 2012 R2 Service Pack 1 (Web Server IIS Role)	Microsoft Windows Server 2012 Service Pack 1 (Web Server IIS Role)	Microsoft Windows Server 2012 R2 Service Pack 1
Database	Microsoft SQL Server 3.5 Compact Edition		Microsoft SQL Server 2014
.NET Framework	.NET 4.5.2 (full version) installed		.NET 3.5.1 feature enabled .NET 4.5.2 (full version) installed
Other Software	Web Deploy 3.6	Microsoft SQL Server 2014 Reporting Services, Analysis Services	Microsoft SQL Server 2014 Integration Services
Memory	16GB RAM	16GB RAM	16GB RAM
Processor	Intel Xeon 2.2GHz 4 Cores	Intel Xeon 2.2GHz 4 Cores	Intel Xeon 2.2GHz 4 Cores
Disk Drives	10 GB available on system drive	50 GB of data drive	300 GB of data drive
Network	1000 Mbps	1000 Mbps	1000 Mbps

RECOMMENDED SYSTEM SERVER REQUIREMENTS

DESCRIPTION	APPLICATION SERVER	REPORT SERVER	DATABASE SERVER
Operating System	Microsoft Windows Server 2012 R2 Service Pack 1 (Web Server IIS Role)	Microsoft Windows Server 2012 R2 Service Pack 1 (Web Server IIS Role)	Microsoft Windows Server 2012 R2 Service Pack 1
Database	Microsoft SQL Server 3.5 Compact Edition		Microsoft SQL 2014
.NET Framework	.NET 4.5.2 (full version) installed		.NET 3.5 feature enabled .NET 4.5.2 (full version) installed
Other Software	Web Deploy 3.6	Microsoft SQL Server 2014 Reporting Services, Analysis Services	Microsoft SQL Server 2014 Integration Services
Memory	32GB RAM	32GB RAM	32GB RAM
Processor	Intel Xeon E5 V2 4 Cores or greater	Intel Xeon E5 V2 4 Cores or greater	Intel Xeon E5 V2 4 Cores or greater
Disk Drives	30 GB available on system drive	100 GB of data drive	750 GB of data drive
Network	1000 Mbps	1000 Mbps	1000 Mbps

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