

# 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 FOR INSITE CLASSIC

DESCRIPTION	MINIMUM	RECOMMENDED
<b>Operating System</b>	Windows® 7x64 and x86 (all editions)	Windows® 10x64 and x86 (all editions)
<b>Database</b>	Microsoft® SQL Server 3.5 SP 2 Compact Edition	Microsoft® SQL Server 3.5 SP 2 Compact Edition
<b>Software</b>	Microsoft® .NET 4.5.2 Framework Microsoft® Visual C++ 2012 Redistributable Microsoft® Silverlight 5 Silverlight Compatible Browser (Internet Explorer 7)	Microsoft® .NET 4.6.1 Framework Microsoft® Visual C++ 2012 Redistributable Microsoft® Silverlight 5 Silverlight Compatible Browser (Internet Explorer 11)
<b>Memory</b>	8 GB RAM	16 GB RAM or greater
<b>Processor</b>	Intel Core™ 2 Duo 2 MB L2 cache 800 MHz FS bus	Intel Core™ i5 or greater 4 MB L3 cache
<b>Disk Drives</b>	10 GB of usable disk space	10 GB of usable disk space
<b>Graphics Adapter</b>	32-bit color 1440 x 900	32-bit color 1920 x 1080 or greater
<b>Network</b>	100/1000 Mbps	100/1000 Mbps

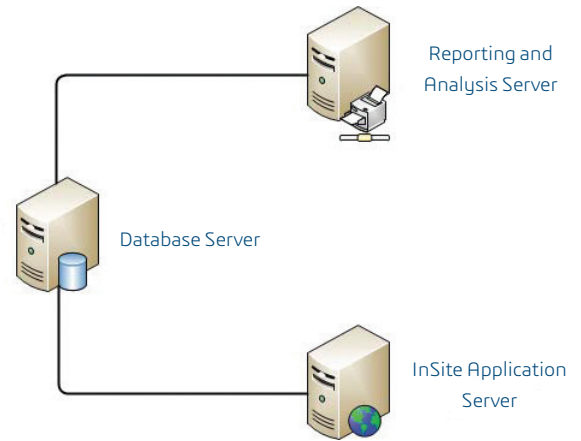
## RECOMMENDED AND MINIMUM SERVER SPECIFICATIONS

The recommended server installation is 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
<b>Operating System</b>	Windows® Server 2012 R2 Service Pack 1 (Web Server IIS Role)	Windows® Server 2012 Service Pack 1 (Web Server IIS Role)	Windows® Server 2012 R2 Service Pack 1
<b>Database</b>	Microsoft® SQL Server 3.5 Compact Edition		Microsoft® SQL Server 2014
<b>.NET Framework</b>	.NET 4.5.2 (full version) installed		.NET 4.5.2 (full version) installed
<b>Other Software</b>	Web Platform Installer 5.0	Microsoft® SQL Server 2014 Reporting Services, Analysis Services	Microsoft® SQL Server 2014 Integration Services
<b>Memory</b>	16GB RAM	16GB RAM	16GB RAM
<b>Processor</b>	Intel Xeon 2.2GHz 4 Cores	Intel Xeon 2.2GHz 4 Cores	Intel Xeon 2.2GHz 4 Cores
<b>Disk Drives</b>	10 GB available on system drive	50 GB of data drive	300 GB of data drive
<b>Network</b>	1000 Mbps	1000 Mbps	1000 Mbps

## RECOMMENDED SYSTEM SERVER REQUIREMENTS

DESCRIPTION	APPLICATION SERVER	REPORT SERVER	DATABASE SERVER
<b>Operating System</b>	Windows® Server 2016 x64 (Web Server IIS Role)	Windows® Server 2016 x64 (Web Server IIS Role)	Windows® Server 2016 x64
<b>Database</b>	Microsoft® SQL Server 3.5 SP 2 Compact Edition		Microsoft® SQL Server 2016
<b>.NET Framework</b>	.NET 4.5.2 (full version) installed		.NET 4.6.1 (full version) installed
<b>Other Software</b>	Web Platform Installer 5.0	Microsoft® SQL Server 2016 Reporting Services, Analysis Services	Microsoft® SQL Server 2016 Integration Services
<b>Memory</b>	32GB RAM or greater	32GB RAM or greater	32GB RAM or greater
<b>Processor</b>	Intel Xeon E5 V2 4 Cores or greater	Intel Xeon E5 V2 4 Cores or greater	Intel Xeon E5 V2 4 Cores or greater
<b>Disk Drives</b>	30 GB available on system drive	100 GB of data drive	750 GB of data drive
<b>Network</b>	1000 Mbps	1000 Mbps	1000 Mbps

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