

System Requirements for GigaTrak Systems

Overview

GigaTrak software systems feature database support for either Microsoft Access or Microsoft SQL Server.

- Microsoft Access installations are intended for smaller organizations with limited IT support. We only use an Access MDB database file so no additional Microsoft Access licensing is necessary. It can either be installed locally (standalone) or centrally on a network server. Using an Access database for a large number of users or quickly growing number of database transactions is not typically recommended.
- Microsoft SQL Server is the preferred database option for multiple users on a network. Your IT would provide a central server where both SQL Server and the application can be installed. GigaTrak would provide IT with installation script files to properly setup the database within SQL Server. Microsoft offers a free download of SQL Server 2008 (or newer) Express Edition, but more advanced versions (Workgroup, Standard, or Enterprise) would offer better long-term performance at additional cost. The use of SQL Server is recommended. Our software is tested on versions 2008 through 2014.

Microsoft SQL Server Requirements (Assumes 2008 Express Edition)

Operating System:	Server 2003 SP2/R2, Server 2008 SP1/SP2/R2, Server 2012 RTM/R2, Windows XP SP3, Vista SP1/SP2, Windows 7 RTM/SP1, Windows 8/8.1
Processor Speed:	Minimum: 1.4 GHz (Recommended: 2.0 GHz or faster)
Memory:	Minimum: 512 MB (Recommended: 1 GB or more)
Storage:	Minimum: 1 GB

(Other SQL Versions/Editions have separate requirements. GigaTrak does not require anything more than the minimum set by Microsoft. SQL Server must be purchased, installed and supported locally.)

Microsoft Access Requirements

There are no specific requirements for installing an Access version of the GigaTrak software onto a server other than adequate disk storage space (50MB) and a reasonable performing server. Users will require full read and write access rights to the storage location.

PC Workstation Requirements

Operating System:	Windows XP SP3, Vista SP1/SP2, Windows 7 RTM/SP1, Windows 8/8.1
Processor Speed:	Minimum: 1 GHz (Recommended: 2.0 GHz or faster)
Memory:	Minimum: 512 MB (XP), 1 GB (Vista, Windows 7/8 32-bit), 2 GB (Windows 7/8 64-bit)
Storage:	Minimum: 800 MB (Recommended: 2 GB or more)
I/O:	USB Port(s) for handheld docking station and/or barcode printer
Screen Resolution:	Minimum: 1024x768 (XGA)

Our newer applications require the Microsoft .Net Framework 4 Client profile. If not already installed on the workstation, the application setup routine will download it from the Internet and install it. An active Internet connection is required.

For handheld connectivity, the workstation must have ActiveSync (XP) or Windows Mobile Device Center (Vista/7/8) installed. WMDC requires Microsoft .Net Framework 3.5 SP1. If not already installed, all are available as free downloads from Microsoft.

Our requirements are pretty basic and any simple PC workstation and/or Server would likely meet our needs. Contact our support office with any further questions at 262-657-5500.