



MICROSOFT ACCESS VS. SQL DATABASE

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GigaTrak software systems feature database support for either Microsoft Access or Microsoft SQL Server. The following is intended to help users decide on a database that works with their system.

MICROSOFT ACCESS

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.

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 server that performs reasonably well. Users will require full read and write access rights to the storage location.

SQL SERVER

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 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 2005 and 2008.

SQL SERVER REQUIREMENTS

Operating System: Server 2003 SP2/R2, Server 2008 SP1/SP2/R2, Windows XP SP3, Vista SP1/SP2, Windows 7, Windows 8

Processor Speed: Minimum 1.4 GHz (recommended: 2.0 GHz or faster)

Memory: Minimum 512 MB (recommended 1GB or more)

Storage: Minimum 1 GB

Other SQL 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.

	Access	SQL Server-Express	SQL Server-Other
Limited/No IT Support	•		
Standalone Operation	•	•	•
Small Group (1-5 Users)	•	•	•
Medium Group (5-10 Users)		•	•
Large Group (10+ Users)			•
Multiple Groups or Sites			•
Batch Handhelds	•	•	•
Wireless Handhelds			•

