



GETTING STARTED

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DEFINE APPLICATION INSTALLATION/MAINTENANCE RESPONSIBILITIES

- Who installs and maintains application on server and/or PC workstations?
- Who installs and maintains handheld client on mobile terminals (if used)?
- Who is responsible for
 - Database backups?
 - Software updates?

DEFINE SYSTEM OPERATION

- Database
 - Access (embedded with application)
 - SQL (requires separate user license, purchase)
 - Required for wireless (WIFI, Cellular) handheld terminal applications
 - Recommended for >7 users or multi-facility sites
 - Networked (multi-user or single user) with server?
 - Standalone PC, single user?

REVIEW SYSTEM REQUIREMENTS

OVERVIEW

GigaTrak software systems feature database support for either Microsoft SQL Server or 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.
- 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 set up the database within the SQL Server. Microsoft offers a free download for SQL Server 2008 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, 2008 and 2014.

MICROSOFT SQL SERVER REQUIREMENTS (ASSUMES EXPRESS EDITION)

Operating System: Server 2003 SP2/R2, Server 2008 SP1/SP2/R2, Server 2014, Windows XP SP3, Vista SP1/SP2, Windows 7, Windows 8.1, Windows 10

Processor Speed: Minimum- 1.4 GHz; Recommended- 2.0 GHz or faster

Memory: Minimum 512MB; Recommended- 1GB or more

Storage: Minimum 1GB

Other SQL Editions have separate requirements. GigaTrak does not require anything beyond 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 reasonably well-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, Windows 8.1, Windows 10

Processor Speed: Minimum- 1 GHz; Recommended- 2.0 GHz or faster

Memory: Minimum- 512MB (XP), 1GB (Vista, Windows 7/8/10 32-bit), 2GB (Windows 7/8/10 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: 1024 x 768 (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 or newer) installed. WMDC requires Microsoft .Net Framework 3.5 SP1. If not already installed, all are available as free downloads from Microsoft.

Our requirements are 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.

REVIEW NETWORK REQUIREMENTS

- If “hardwired” Ethernet
 - Handheld terminals, if used, will upload/download to PC in BATCH mode
- If “Wireless”
 - WIFI—802.11 – Network administrator will need to configure Handheld mobile terminals for network and security parameters.
 - Cellular—Network administrator will need to contact cellular carrier for Handheld terminal radio activation and network connection.

REVIEW SUPPORTING HARDWARE/MEDIA REQUIREMENTS

- Barcode Printer
 - If printing own labels, this is necessary.
 - If using pre-printed labels, this may or may not be necessary.
- Labels
 - Type of Label: polypro, paper, metallic
 - Size of Label: depends upon objects being labeled.
 - Adhesive on Label: depends upon material of objects being labeled.

- Design: Numbering sequence, company name, etc.
 - Language of Barcode: 3 of 9, 128, etc.
 - Type of Barcode: 1D (linear), 2D (imager required)
- Handheld, mobile data terminals
 - Wireless (WIFI or Cellular)
 - BATCH
- Barcode Scanner/Imager
 - USB Cabled to PC
 - Wireless (Bluetooth) to PC

DEFINE ADMINISTRATION OF SYSTEM & USER ACCESS RIGHTS

- User Access Security Rights
 - Global (ability to download updates and modify Setup Options)
 - Administrative (all “edit” access rights)
 - General User (specific access rights)
 - Non-PC Users/Handheld Users (only check in & check out privileges)

GATHER PERTINENT DATABASE INFORMATION

- Review GigaTrak “File Tab” Menu for data import information
 - This will provide all data used by the system, required and optional, including allowable field lengths.
 - If data already exists in electronic format, it may be placed in an Excel spreadsheet, converted per application instructions and imported.
 - If data doesn’t exist, it may be entered into an Excel spreadsheet, converted per application instructions and imported OR it may be entered via the Item Information function in the application.

SET UP THE SYSTEM

- Download software access link provided by GigaTrak Sales. The link will be included with an introductory e-mail that also provides additional support information.
- Install and Register the software.
- Utilize the GigaTrak Client Center.
 - Training Videos
 - Support Documents
 - FAQ
- Contact GigaTrak for the complimentary Training Session to get started
- Assign User Access Rights
- Import/Enter data into system
- Install/configure Barcode printer
 - Familiarize yourself with installing the media and ribbon
- Install GigaTrak Application on Handheld Terminal
 - Instructions are included in the Handheld Folder in the file group downloaded with your license information.
- Set up charging station and/or charging procedure for handheld terminal
 - Charge up handheld terminal batteries
- Configure handheld terminal---instructions vary by manufacturer.
 - Quick configuration sheets for terminals are located on the Client Center
- Synchronize handheld to PC Application Database
- Conduct User Training
- Have FUN implementing the new system!
 - GigaTrak products are designed to make your business more efficient and your inventory and asset data more available.