GIFTS 6.6

Technical Considerations:
Configuration and Storage Requirements for Standalone, File Server (ACCESS), and Client/Server Systems
R12172014

GIFTS® and Essential GIFTS® support key industry standards and are compatible with most top rated software programs. Prior to receiving and installing GIFTS Version 6.6, please review the following summary of hardware and configuration requirements to ensure that your system is ready to install GIFTS.

Configuration Options

This document discusses technical considerations that apply to the following file server implementations of GIFTS 6.6:

- A standalone version for a single GIFTS workstation.
- A file server version for concurrent users on a local area network (LAN) accessing GIFTS from multiple GIFTS workstations.

Configuration Requirements

The following sections detail the configuration guidelines for GIFTS workstations, GIFTS file servers, and the database server for client/server implementation of GIFTS.

GIFTS Workstations

To ensure your users can take advantage of the many advanced features available in GIFTS, each GIFTS workstation should meet the following minimum requirements:

- Core2 Duo (or equivalent) computer. For optimal performance, use the fastest available processor.
- 2Gb of RAM.
- Microsoft® Windows 7 or 8. (32 or 64 bit)
  NOTE: Always update your Windows operating system with the latest Service Pack available.
- At least 2Gb of disk space for installation. Note that the amount of required disk space increases as your data file grows.
- 1280 x 720 resolution with small fonts
- Internet Explorer® 8.0 or higher required.
- Printer supported by Microsoft Windows versions stated above.

Microsoft Windows

Review the configuration of Microsoft Windows on each GIFTS workstation. Ensure that each workstation has:

- The same standard Windows configuration.
- The latest versions of Windows updates and service packs.

- The latest versions of all printer, video, and network drivers.
- A version of Windows certified with GIFTS.

Applications Software

GIFTS is designed to work together with other applications like Microsoft Word, Excel, and many email systems. To ensure that your software applications are compatible with GIFTS please refer to the *Compatibility Fact Sheet*, available on MicroEdge.com through the PowerME login. Also make sure you have installed the latest software upgrade for each application.

File Server

The following system configuration guidelines apply to the GIFTS file server on a local area network. The file server is the computer on which the GIFTS database resides.

- Contact your systems integrator to determine the memory requirements, appropriate processor speed, and RAM needed to support GIFTS and all other file server applications.
- Windows 2008 Server (including R2), Windows 2012 Server. (32 and 64 bit supported for all versions listed)
- Sufficient hard drive space (see below).
- A network connection (for installation).

Database Server

The following system configuration guidelines apply to the Microsoft SQL or Oracle® server on which the GIFTS database resides.

- Contact your systems integrator to determine the memory requirements, appropriate processor speed, and RAM needed to support GIFTS and all other file server applications.
- Microsoft SQL Server 2008 to 2012 (including R2) and Oracle 10g and Oracle 11g (releases 10.2 and 11.1).
- Sufficient hard drive space (see below).
- A network connection (for installation).

Storage Requirements

The following sections detail the amount of disk space you will need to install and work with GIFTS 6.6. This document provides general information that you can apply to your standalone (local) or file server configuration.

The GIFTS Directory

This section describes the amount of disk space needed for the /GIFTS directory for local and network installations of GIFTS 6.6.

- **Local installation:** The directory designated for GIFTS resides on the local hard drive.
- **Network installation:** The \GIFTS directory resides on the file server. The program's executable files are installed in this directory, and most often remain there. However, in some cases, your System Administrator may decide to locate the program files on each user's local hard drive to improve performance. For this reason, the different kinds of files installed in the \GIFTS directory are shown separately, so that you can calculate appropriately.

Program Files	150 MB
GCS Setup Files	50 MB
Other Setup Files	80 MB
Miscellaneous	20 MB
Report Templates	30 MB
Correspondence Templates	20 MB
Total	**350 MB**

The GIFTS Database

The GIFTS database resides in your \GIFTS directory. For local (standalone) installations, this will be on the workstation. For file server installations, the GIFTS database will reside in the \GIFTS directory of the file server.

The database will start off quite small, less than 5 MB, but will grow as you enter data. Make sure you figure out the potential size of your database when calculating how much disk space you will need. In general, you should allocate about 5 MB for each 1,000 grants in the database.

Workstation Files

In all types of installations, the GIFTS installation process adds System files and Help files to the local system directory on each workstation. The following table lists the available disk space that is required to install these files on a workstation.

System Files	260 MB
Help Files	110 MB
Crystal Viewer	60 MB
Total	**430 MB**

Calculating Your Requirements

Use the following guidelines to calculate the requirements for your standalone or file server GIFTS system:

- **Standalone installation:** Add all of the figures from the preceding sections. This is the amount of disk space required for you to install GIFTS on a single workstation. For example:

GIFTS Directory	300 MB
GIFTS Database	40 MB (for 2000 records)
Workstation Files	250 MB
Total Installation	**590 MB**

- **File server installation:** Add the figures for the \GIFTS directory and the database—the total is the amount of space required on your file server. For example:

GIFTS Directory	400 MB
IGAM Directory	200 MB (for 2000 applicants)
GIFTS Database	100 MB (for 5000 records)
Total File Server	**700 MB**

In addition, we can refer to the figures indicated in the ***Workstation Files*** section above for the amount of disk space required on each workstation that will access GIFTS:

System Files	260 MB
Help Files	110 MB
Crystal Viewer	60 MB
Total	**430 MB**

Configuration Requirements – GIFTS Connections

The following sections detail the configuration guidelines for GIFTS Connections servers and Job Manager servers.

GIFTS Connections® Severs

The following system configuration guidelines apply to the computer (or computers) on which you will run the GIFTS Connections® Server:

- Core2 Duo, 2.0GHz or faster.
- 2 GB of RAM.
- 50 MB or more of hard disk space.
- Windows 2008 Server (including R2), Windows 2012 Server. (32 and 64 bit supported for all versions listed)
- Microsoft SQL Server 2008 to 2012 (including R2), Oracle 10g / 11g (releases 10.2 and 11.1).
- Internet Information Services (IIS) v7.0 or later.
- Access to all network drives where GIFTS information resides, including the GIFTS drive, the GIFTS database, any drive containing GIFTS documents, and (if applicable) access to the Oracle root directory.
- CD-ROM, either on the server or any network-connected workstation (for installation).

Job Manager Servers

The following system configuration guidelines apply to the computer (or computers) on which you will run the GIFTS Connections Job Manager:

- Core2 Duo, 2.0GHz or faster.
- 2 GB or more of RAM.
- 300 MB or more of hard disk space.
- Microsoft® Windows 7 or 8. (32 or 64 bit)

Storage Requirements – GIFTS Connections

MyGIFTS® and ReviewerCONNECT® require installation of the GIFTS Connections Server. If you want your MyGIFTS users to be able to generate correspondence and reports online, you will also need to install the Job Manager. The tables below list the available disk space required to install these applications.

GIFTS Connections Servers

This section details the approximate amount of space needed for the system files installed to the system directory of each GIFTS Connections server.

System Files	16 MB
Total	**16 MB**

The Job Manager

This section details the approximate amount of space needed for the system files installed on each network computer on which you install the Job Manager.

Job Manager EXE	7 MB
Crystal Reports Files	35 MB
System Files	10 MB
Total File Server	**52 MB**