

WHAT WAS ADDED IN GECS 4.0x

The major changes added with GECS v4.0x are summarized below.

- SQL Database - The data used by GECS 4.0x is stored and accessed using an SQL database server. It can be stored in a Microsoft SQL Server or Oracle. SQLite database functionality is provided for evaluation.
- Support for the Microsoft Windows Vista operating system.
- Realtime Graphical Job Views in Administrator.
- The GECS DBMS program found in earlier versions has been renamed the GECS System Manager program to more accurately reflect its function.
- GECS Web Manager now includes a Java based graphical dependency viewer.
- A GECS icon is no longer displayed in the Windows taskbar.
- The default subdirectory for installations was C:\GECS. It is now C:\Program Files\GlobalECS. This may require the use of quotes in some command lines that didn't require them in the past.
- When jobs are added without a batch name, they are automatically put in the SYSTEM batch rather than the 'blank' or 'null' batch as in earlier versions.
- When System Resources are created, the server or agent name for the resource is now SYSTEM rather than being left blank.
- All communications between the Web Manager and your browser are now secured with SSL.
- User information can now optionally be stored in Active Directory or any LDAP directory.
- Multiple installations can be installed on a single computer. Each is assigned a unique Installation Name.
- The System Manager, Controller, Web Manager and Windows Agent are now being built with tools from Intel that will automatically improve performance when run on systems with multiple Intel processors or cores.
- The GECS.INI file has been eliminated and replaced with Registry entries.
- The Job Notes and Job Output are now stored in the database.
- New command line utilities GECSISQL.EXE and GECSREG.EXE have been added.
- Eliminated the GECSRBLD.EXE and GECSVAL.EXE command line utilities.
- A new conversion program has been created to allow conversion from version 3.60 to version 4.00. Conversion from older versions is not supported.

- Eliminated the ability to directly change the status of a job. A job's status can be changed on the right click menu, pull down menu or buttons.
- The SDK has been eliminated. Access the data using ODBC.
- NetWare, LanManager and Lan Server user names are no longer supported.
- Agents for MPE/iX, Tru64 Unix and NetWare have been eliminated.
- The 10 character job number portion of job numbers are all now left justified for collating purposes.
- Job numbers that are all numeric will now be sorted alphabetically rather than numerically as in the past.
- Most all programs and utilities now accept a *-C instname* command line argument to specify an installation name.
- The built in GECS data backup capabilities have been eliminated and replaced with the GECSBACK and GECSREST utilities. Use these utilities or the backup capabilities of the SQL database server to backup your data.
- The GECS programs all now directly communicate with the SQL database server to access data, eliminating the need for the concept of 'Direct Data Access' found in earlier versions.