CHANGES IN GECS 4.70 PACKAGES

GECS version 4.70 started shipping July 14th, 2017.

You can find the date of the last GECS package installed by looking in the file named PKGDATE.TXT located in your GECS program directory.

The following lists major changes to this package. Back end code optimization and/or documentation changes are not always listed.

Known Issues

GECS uses special characters such as a ^ caret, ~ equivalency sign / tilde, @ At symbol, % percent sign and # pound sign for substitution. If your job also uses these same characters, you will need to enter them twice. i.e. ~VARIABLE~ should be entered as ~~VARIABLE~~.

Changes in System Build: 4.70.2928   Administrator Build: 4.70.090

A change was made to the System Manager program to resolve an issue with sending large output files via email.

Changes in System Build: 4.70.2908   Administrator Build: 4.70.090

GECS now generates an audit when the Controller and or Web Manager components are stopped using the Administrator program.

Changes were made to the GECS Web Manager program to better handle more simultaneous web client connections.

The GECSASTA.EXE (agent status) command line utility has been modified and now displays more accurate information.

Changes in System Build: 4.70.2838   Administrator Build: 4.70.089

Changes were made to the way GECS checks license information to lessen the chance of the agent's "Process Jobs" flag getting updated if a customer loses their database.

The File Transfer Connection definition protocol field now displays the appropriate options for FTPES.

Changes in System Build: 4.70.2762   Administrator Build: 4.70.087

The GECS job Trigger file field can now use an FTP format. In addition to having jobs depend on files that can be accessed using drive and subdirectory information, jobs can depend on files which are tested using FTP. This new format must contain a GECS FTP connection name and a subdirectory that is relative to the home directory specified for the user defined in the credential that is part of the FTP connection.

Substitution variables can now be nested inside a custom variable. Built in substitution variables such as @AGENT can be included in Custom or SQL variables. You can use something like ^@AGENT:PATH^ where the @AGENT substitution variable is nested inside a custom variable.

GECS Event messages can now be written to disk files in addition to being sent to users by specifying the message recipient as $filename or #filename using the "GECS Users or Groups to Notify" field(s) located on the job record's Mail tab.

A new GECSFTPTEST utility was added to attempt to connect with an FTP server using a variety of parameters to help indicate how to setup FTP connections.

You can now use FILE:batch.jobnum; if a Custom Variable exists for a job that depends on a file, the name of the file found will be saved as the value of the Custom Variable so it can be used in subsequent jobs.

New Event Substitution variables %DATE%, %DATEL% and %TIME% have been added.

The GECSXREF utility has new command line arguments to allow it to only check portions of the data rather than always checking all the data.

The new GECSTRAN utility can be used to export a batch and all the related information referenced by the batch from one system and then use it to import the batch and related information into another system.

The Job Notes field in the job record can now be used to specify environmental variables you would like set for the job by including a section that begins with #ENVIRON and ends with #END.

GECS Linux agents can now terminate running job processes when the terminate option is selected. When TLS is configured for mail using the SMTPDoTLS registry setting, GECS now uses TLS 1.2

The controller program is more resilient if it temporarily loses its connection with the GECS data base.

Batch Variable substitution using the trigger file field now substitutes as expected.

The GECSDUMP command line utility program now reads an XML file including the batch name. It no longer imports with the batch name SYSTEM.

The "Simulate successful completion" flag now converts correctly when upgrading from v4.60 to v4.70 using the GECSC460 utility.

WRK file loading now includes 85:2 – for simulate successful completion and 85:3 - for simulate successful completion w/o file.

New installations using an Oracle database no longer display errors.

New registry settings are now allowed ClearControlChannel and UsePassiveHostAddress in the Agent section on the agent computer to help with FTP configuration when NAT routers are used.

Changes in System Build: 4.70.2442   Administrator Build: 4.70.082

Jobs submitted from Batches that use vacation periods, can now be skipped and reschedule to a valid date and time after the vacation period has ended.

When using the SkipInvalidBatch registry entry GECS no longer generates event 82 – "Unable to reschedule job" when non-recurring jobs are configured with estimated minutes.

Jobs created without using the batches folder can now be run "Ignore All Dependencies", which will also ignore time. This is now the same behavior as jobs created using the batches folder.

Changes in System Build: 4.70.2405   Administrator Build: 4.70.082

A new service program was added to GECS to monitor the System Manager program. The GECSWDOG will send email notifications when necessary.

The option to drop tables has been removed from the GECS uninstall program.

A new substitution variable @AGENTDESC for agent description has been added for job substitution

The gecsdump utility has been modified to export jobs that are pending for a specified agent.

When using SFTP, MGET and MDELETE options are now working as designed.

Internal changes were made to improve the way GECS launches jobs.

The web client was modified to allow jobs to be properly terminated from the jobs list view.

Changes in System Build: 4.70.2326   Administrator Build: 4.70.077

A new way to use an ODBC Connection String has been added. This new way does not require a DSN be created on the agent computer(s) where the job will run. To use this method, enter *USECOMMENT in the DSN Name field of the ODBC Connection and enter the ODBC Connection String in the Comment field.

Added a new substitution variable for agent description @AGENTDESC

A new command line text utility GECSBDEL was added to allow users to delete a batch.

Changes in System Build: 4.70.2263 Administrator Build: 4.70.071

The GECS Client only and Agent only installations on Windows 7 no longer display an error message when the installation is complete.

Most of the GECS command line utilities are now included in the "Client only" installation.

Changes were made to the Client only installation where it can now correctly communicate with the System Manager program. This corrected false messages such as 'the system manager is not running'.

When using special characters that GECS uses for substitution, you can now enter the special characters twice and GECS will not try and substitute them.

Changes in System Build: 4.70.2242 Administrator Build: 4.70.070