



GLOBAL ECS®

KNOWLEDGE BASE

## GLOBAL ECS REPORTING JOB EVENTS BY WRITING TO EXTERNAL FILES

Global ECS can write job event notifications to external files. This can be helpful when using separate system management software to monitor jobs or job statuses. GECS can write its messages to those external systems via user specified files. GECS can replace files or append to an existing file. When configured at the job level, all events generated for the job will be written to the file.

Let's say you need GECS to write to your system management software when a job has a failure. Follow the steps below:

1. Open your GECS Administrator program and go to the Event Definitions module. Edit Event Definition #56 - Bad Return Code will be used for this example. Likewise, any other event definition could be set up this same way. Click on the "Mail" tab. Update the "Send Mail To:" fields.

GlobalECS - Administrator [ Version 4.70.083-Win64 ]

File View Help

Add User Event Definition

Number	Create	Description
50	Yes	Job late.
51	No	Job start.
52	Yes	Job retry.
54	Yes	Job complete.
56	Yes	Bad return code.
57	Yes	Over run max job minutes.
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Event Definition Detail: 56

File View Help

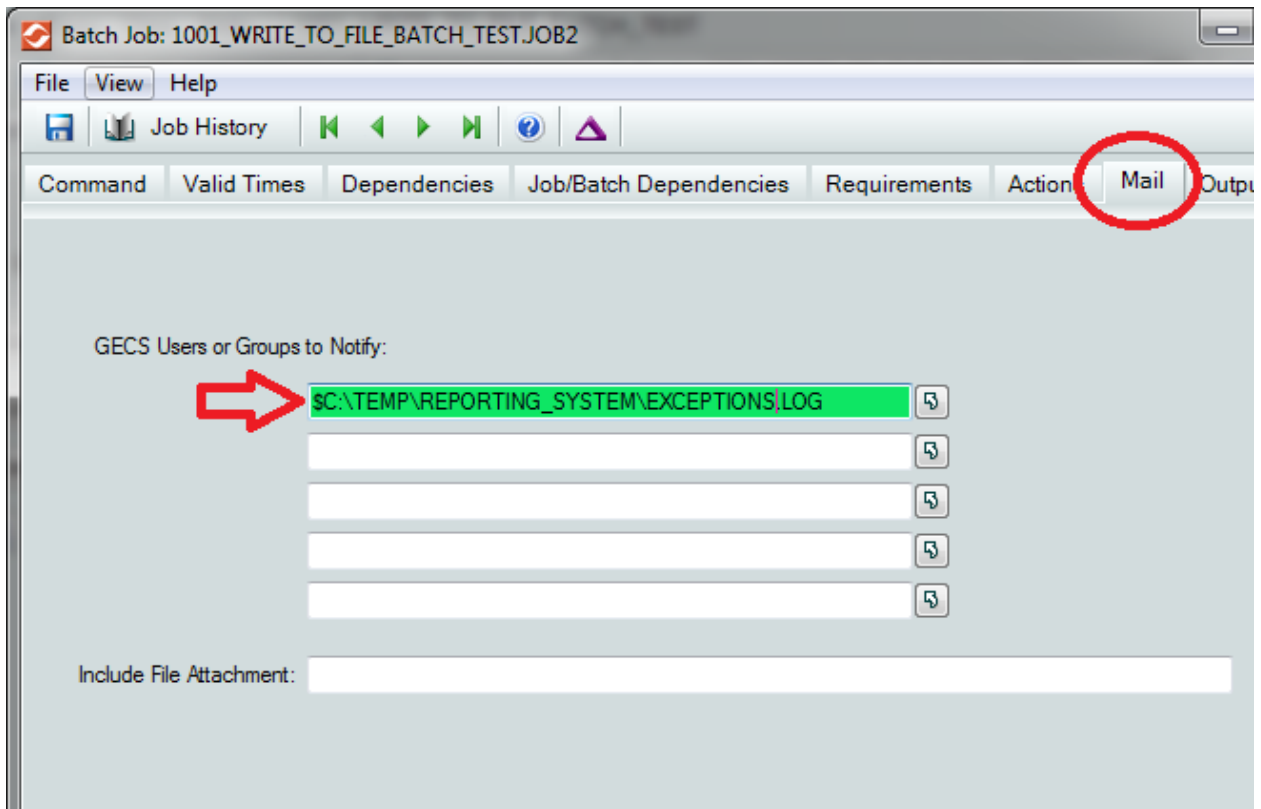
Event Mail Network

Subject: GECS Alert 56 Bad return code.

Message: Bad return code %RETCODE% from job %JOBNUM% on %SERVER%.

Send Mail To: %USER1% %USER2% %USER3% %USER4% %USER5%

2. Add %USER1%, %USER2%, %USER3%, %USER4%, and %USER5%. Save your changes. This will allow GECS to substitute individual job information from the five fields of a job's "Mail" tab, if this event occurs.
3. The "Message" field contains the details that will be written to the file. This field can be updated. Notice the different substitution variables that can be used in the "Message" field. These variables, such as %RETCODE%, %JOBNUM% and %SERVER%, will get substituted with the values from the specific job where a failure is recorded.
4. Open your Batch Job and click on the "Mail" tab. Update the "GECS Users or Groups to Notify" field(s).



5. Enter \$filename or #filename. The \$ will cause the file to be appended to. The # will cause the file to be overwritten. You should include the fully qualified path and file name you need the GECS System Manager program to write. Note that the GECS System Manager user account must have Windows authority / rights to write to this file and/or directory.
6. Allow the GECS System to run this job. When this job fails, GECS will write to the specified file, the specific details you included in the "Message" field about the job failure.

In this example, the file will look similar to the following:

