



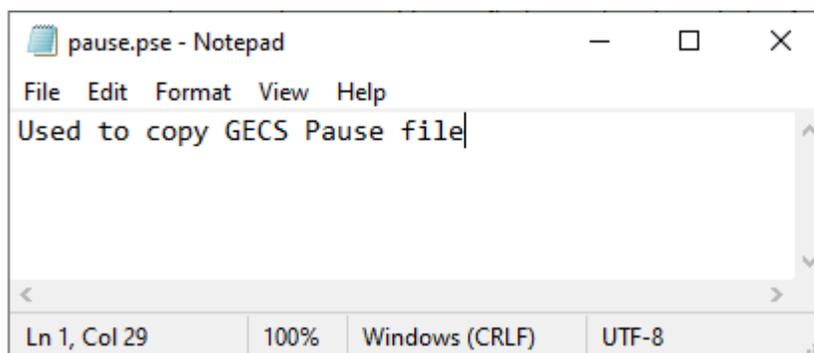
TEMPORARILY PAUSE GECS SYSTEM MANAGER AND CONTROLLER VIA A SCHEDULED JOB

You can schedule a job via GECS that launches a batch file to cause the GECS components (system manager and controller) to temporarily pause for a predetermined amount of time. This can be useful if you need to perform maintenance such as temporarily take down or backup your database.

If you also run the GECS Web Manager program, you will need to add additional steps to allow for the web manager program to automatically shut down and restart when the System Manager comes back online. If you are not using the GECS Web Manager program you can leave out these steps.

There are several steps to follow. You will use a batch file such as the GECSPAUSE.CMD mentioned below, where the .CMD file will pause the GECS System Manager and Controller Components, wait a specified amount of time and then then un-pause them. Event notification is included. Two registry setting updates are required.

1. create a text file in your GECS program files directory to be used by your batch file. Name this file PAUSE.PSE. It can contain the words "used to copy GECS pause file".

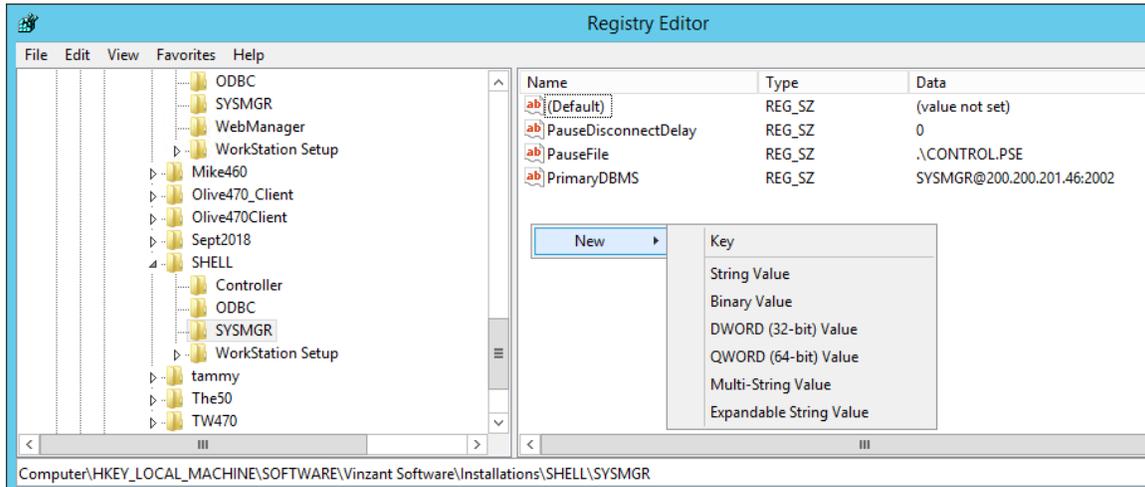


2. Open your Windows Registry on the System Manager / Controller machine, go to your GlobalECS installation section (such as \HKEY_LOCAL_MACHINE\SOFTWARE\Vinzant Software\Installations\GlobalECS\)) and update the SYSMGR folder by adding the following string values.

[SYSMGR]

Create PauseDisconnectDelay as a string value with a value of 0 (zero)

Create PauseFile as a string value with a value of .\sismgr.pse



3. Create a batch file named GECSPAUSE.CMD similar to the following:

GECSPAUSE.CMD

```
-----  
REM Create a user defined event notifying of pause  
GECSEVNT num=5000 type=0 name="System Pause" -c GlobalECS
```

```
REM Pause GECS COMPONENTS  
copy .\pause.pse .\control.pse  
REM Wait a minute to make sure controller is stopped  
timeout 20
```

```
copy .\pause.pse .\sismgr.pse  
REM The actual Sleep Time  
timeout %1
```

```
REM When using the web browser you should include a stop then restart  
REM Wait to be sure the components are paused  
timeout 20  
REM insert your own web manager's ip and port number  
gecsstop WEBMGR 200.200.201.124 2003
```

```
REM Restart the GECS components
```

```
REM System Manager
```



```
del sysmgr.pse
timeout 20
```

```
REM Controller
del control.pse
```

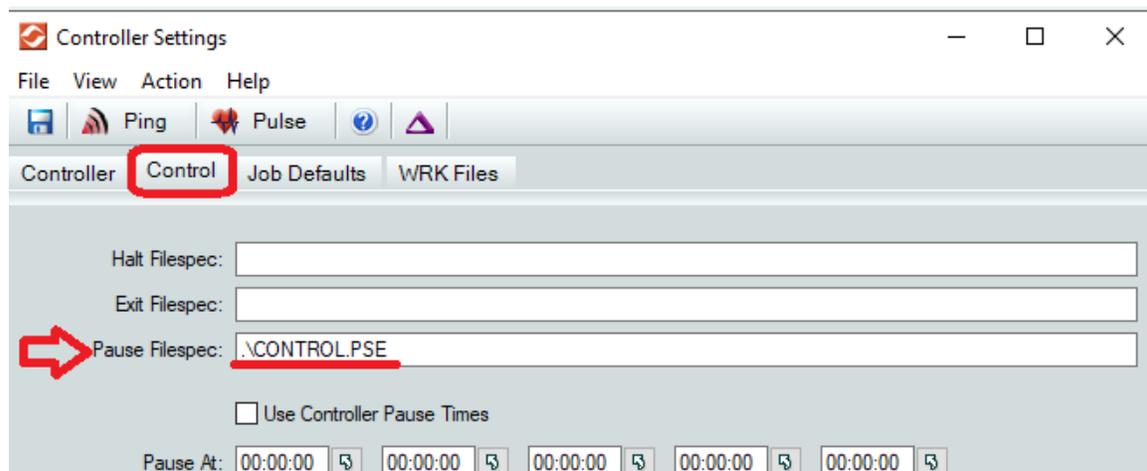
```
REM Web Mger – insert the port -P and HTTP PORT -Q and installation name -C
start GECSWEBS.EXE -N WEBMGR -P 2003 -Q 2013 -C GlobalECS
```

```
echo GECS Components Started
timeout 10
```

```
REM Create a user defined event notifying of the end of the pause
GECSEVNT num=5001 type=0 name="System Resumed" -c GlobalECS
```

```
exit
```

4. Open the GECS Administrator and go to the System view Module. Double click the controller "CONTROL". In the Controller Settings page click the Control tab and be sure the Pause filespec field is populated with ./CONTROL.PSE



5. Next, Go the GECS Events Definitions module and create two new event definitions. 5000 and 5001. You can configure these events to send emails if you like. Enter the detail information as in the example below. Event 5000 and 5001 will be called from your system pause batch file using the GECSEVNT command line utility to notify that the GECS system has been paused.

GlobalECS - Administrator [Version 4.71.021-Win64]

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File View Help

+ Add User Event Definition

Number	Create	Description
0	No	No alert.
1	Yes	OS error.
11	Yes	No colon in wrk file line.
12	Yes	No user name in wrk file.
13	Yes	Invalid user name in wrk file.
14	Yes	Bad mail username in WRK file.
15	Yes	No command line in wrk file.
16	Yes	Copied WRK file to BAD file.
17	Yes	Can't copy WRK to BAD file.

Event Definition Edit: Add New Event Definition

Event: 5000

Add Cancel

System View Event Definitions

Event Definition Detail: 5000

File View Help

Event Mail Network

Description: 5000 - GECS System Paused

Color - Fore/Back: Create Event Create Closed

Priority: 0

Activate Job:

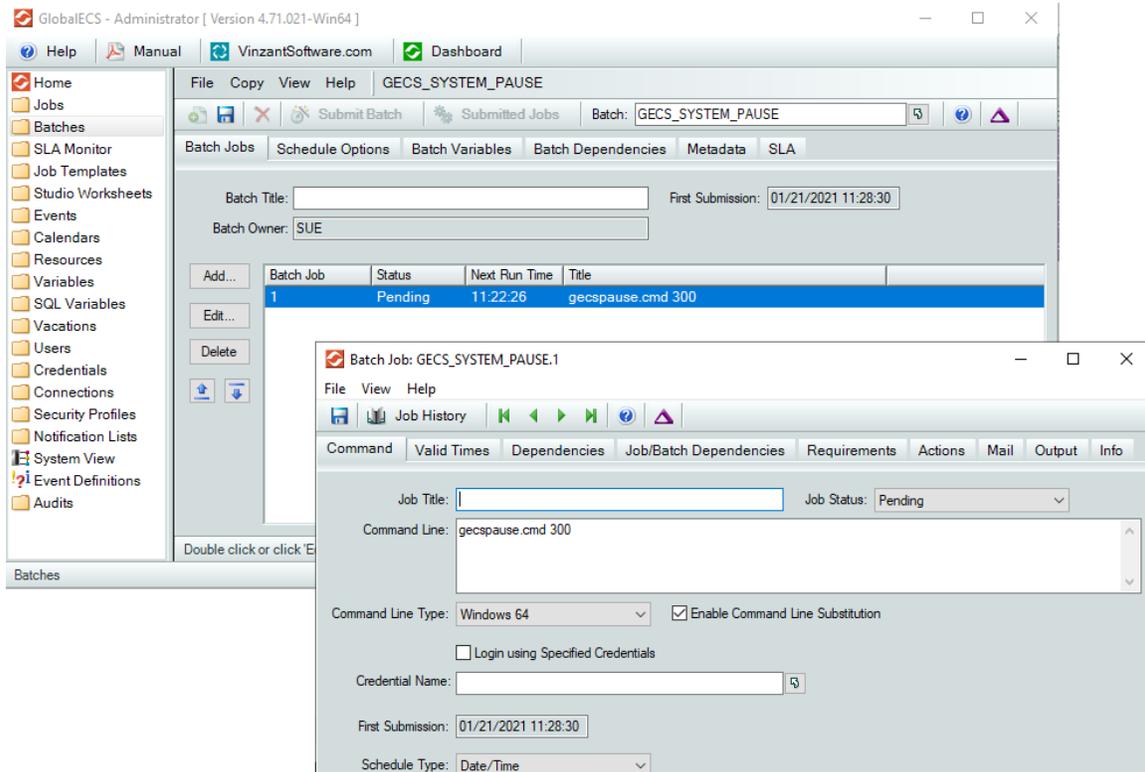
WAV Filename:

Alert

Alert Message: The GECS System has been paused by Batch GECS_SYSTEM_PAUSE by default the GECS system should resume in 5 minutes

Send Alerts To: *ADMIN

6. Next, Go the GECS Batches folder and add a new batch named GECS_SYSTEM_PAUSE. Add a new batch job with the following command line: `gecspause.cmd 300`
This example uses 300 seconds (5 minutes) for the pause timeframe. You can change this as needed. You need to specify that this job will run on an agent local on your System manager machine. Update the job 'Requirements' tab to reflect this in the "Execute by Agent" field.



Submit your batch as needed.