



GE Power Management Control System



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Technical Note #25

**GE Power
Management Control
System**

PMCS 5.0/5.1 Log Files

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Subject: Recommendation for setting up automatic and manual log file deletion. Specifies the what, where, and when of log file creation and how to manage hard disk space.

Applies To: PMCS 5.0/5.1

The PMCS 5.0/5.1 System saves valuable information to hard disk while the system is running. Over time, this information becomes outdated and takes up space on the computer's hard drive. Windows NT requires a minimum amount of computer hard drive memory to function correctly (a safe amount of space is 200M). Therefore, it is imperative to setup automatic/manual schedules to delete out of date files to ensure proper system performance. The following summary explains which files to watch and how best to maintain them.

Application	Log Type	Log filename and path
GE PMCS 5.0/5.1 DDE Server	Wonderware Logger	Filename and path: c:\ge_pmcs\server*.aeh or c:\ge_pmcs\etserver*.aeh (1file per day named by date - e.g. 961028.aeg created on 10/28/96) This Wonderware Logger file writes server status and communication errors to a file. Recommendation: Configure system to automatically delete log files after x amount of days. This setting is found in the Wonderware Logger under the Options.../Disk Options dialogue. The default is set to 0 (never delete). It is recommended that this be cleared weekly. Note: This setting applies to both DDE Server Wonderware Logs and MMI Wonderware Logs.
		Filename and path: c:\intouch.32\ <app_name>*.aeh </app_name>*.aeh (1file per day named by date - 961028.aeh created on 10/28/96)

Wonderware Intouch for PMCS 5.0/5.1 MMI	Wonderware Logger	<p>This Wonderware Logger file writes MMI status information to file.</p> <p>Recommendation:</p> <p>Configure system to automatically delete log files after x amount of days. This setting is found in the Wonderware Logger under the Options.../Disk Options dialogue. The default is set to 0 (never delete). It is recommended that this be cleared weekly</p> <p>Note: This setting applies to both DDE Server Wonderware Logs and MMI Wonderware Logs.</p>
Wonderware Intouch 5.0/5.1 Historical Data Logging	Historical Log Files	<p>Filename and path:</p> <p>File names are based on date created YYMMDD.LOG - (e.g. 961026.log). One file per day. The size of these files depends on the deadband for tags selected. Data will be logged anytime data changes by the amount specified in the deadband. Care should be taken when selecting deadbands. Constant writing to the log will utilize more CPU.</p> <p>File storage path is configurable. Automatic File Deletion is configurable. See Historical Logging Configuration in the Intouch application.</p> <p>Recommendation:</p> <p>Choose deadbands wisely. Configure Intouch to automatically delete - Keep log files for 7 days.</p>
Wonderware Intouch for PMCS 5.0/5.1 Alarm Logging	Alarm Log Files	<p>Filename and path:</p> <p>File names are based on date/time created. YYMMDDHH.ALG - (e.g. 96102610.alg)</p> <p>File creation rate is configurable. File storage path is configurable. Automatic File Deletion is configurable. See Alarm Logger Configuration in the Intouch application.</p> <p>Recommendation:</p> <p>Configure Intouch to automatically delete - Keep log files for 7 days.</p>
		<p>Filename and path:</p> <p>c:\ge_pmcs\wfc*.csv or *.wmf</p> <p>File size:</p>

<p>GE PMCS 5.0 Waveform Capture</p>	<p>Waveform Files</p>	<p>*.csv - 100K typical, *.wmf - 30K typical</p> <p>Waveforms may be manually saved to a file. Although the individual file sizes are not that large, it might be worthwhile to delete out of date waveforms on a regular basis.</p> <p>Recommendation:</p> <p>Once a month delete out-of-date waveforms.</p> <p>Filename and path:</p>
<p>GE PMCS 5.1 Waveform Capture</p>	<p>System Waveform Files</p> <p>User "Saved" Waveforms</p>	<p>c:\ge_pmcs\wfserver*.csv</p> <p>File size:</p> <p>*.csv - 100K typical (up to 200K)</p> <p>Although the individual file sizes are not that large, it might be worthwhile to delete out of date waveforms on a regular basis.</p> <p>Recommendation:</p> <p>Once a month delete out-of-date waveforms.</p> <p>Users can manually save waveforms within the PMCS 5.1 Waveform Client</p> <p>Recommendation:</p> <p>Once a month delete.</p>
<p>GE PMCS 5.0/5.1 Event Logger</p>	<p>Event/Alarm Database</p>	<p>Filename and path:</p> <p>c:\ge_pmcs\eventlog\eventlog.mdb</p> <p>File size:</p> <p>eventlog.mdb - 1M max</p> <p>All events/alarms are stored in an Access Database. This database can have a maximum of 32k records (An ODBC Error results if database is full). The database will continue to grow as new event/alarms are logged in the database. Records may be cleared within the Eventlogger application - but note that this does not reduce the size of the database. The Access 2.0 Compress Database utility must be used to reduce the size of the database.</p> <p>Recommendation:</p> <p>Allocate 1M of the computer's hard disk for the Eventlog database to allow for maximum size. Clear events/alarms as required.</p>

Keywords

Log Files, Wonderware Logger, Intouch Historical Data Logging, Intouch Alarm Logging, Hard Disk, NT

Related Notes

none

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