

ID	11640
System	FactoryLink
Problem Description	How do I keep track of how many CALs are being checked out by License Manager in FactoryLink 7.x?
Solution Provided	<p>The license server debug messages are printed to the Win32 console and can be viewed with DebugView which can be downloaded for free from SysInternals (now Microsoft):</p> <p>http://www.microsoft.com/technet/sysinternals/Miscellaneous/DebugView.mspx</p> <p>To debug FactoryLink 7.0:</p> <p>Debugging is enabled by default, use DebugView to see the CAL transaction messages when clients connect and disconnect.</p> <p>To debug FactoryLink 7.1 and 7.2 Pre SP2:</p> <p>The license service in 7.1 was changed so it no longer automatically outputs information that can be picked up by a debug program. It can be started with an argument from the command line to show you this information.</p> <ol style="list-style-type: none"> 1) Stop the Factory License Server 2) Run LicServer -v4 from command line 3) Run dbgview.exe to see CAL transaction messages when clients connect and disconnect. <p>To debug FactoryLink 7.2 with FactoryLink SP2, 7.5, 7.5 SP1, and 7.5 SP2:</p> <p>The license service in 7.2.2 (SP2) and above was changed to add redundant licensing. To facilitate debugging on the license server PC, you must change the following registry entry to TRUE: HKEY_LOCAL_MACHINE\SOFTWARE\Tecnomatix\FactoryLink\Licensing\Debug License Server. The only valid values are TRUE or FALSE. TRUE = turn on debugging, FALSE = no debugging.</p> <p>If the registry entry can not be found, run the LicUtility.exe then click OK. The registry entry will then be added. Then you should be able to edit it.</p> <p>Once you have made the registry change, you must stop and restart the license server so that it will read the new registry changes. Then you can run the dbgview.exe utility and see the CAL transaction messages.</p> <p>To debug FactoryLink 8.0 and above:</p> <p>Run the License Utility and in the Local License Server Settings section, click on the check box next to Enable debug trace so that a check mark is in the box. Then click on the OK button to close the License Utility. You will get a warning message that pops up telling you the License Server needs to be restarted. Click on the Yes button and it will restart the License Server for you. Now you can run the dbgview.exe utility and see the CAL transaction messages.</p>

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