

Esri License Manager (old check)

Add a New Monitoring Point

Select Type

Esri License Manager

Monitor Name

Monitor Description

License Manager Name

License Manager Port#

License Type

Warning Number

Web Page Path

Create Monitor Point

This is the OLD license manager check. It is suggested to use the NEW [License Manager Module g](#)

The Esri® License Manager monitoring point queries a License Manager (located on the same network as it is running and issues an alert when the number of licenses being used approaches (or exceeds) the number of licenses available.

Optionally, this check can create a web page that is refreshed each time the check is run which can be used to inform an audience on who is using which licenses or extensions.

Note: For this check to function correctly, the LMutil.exe file must be copied from the current Esri® License Manager server to the GeoSystems Monitor server. Most any version of LMutil.exe will work.

Example - From: 'C:\Program Files (x86)\ArcGIS\License10.2\bin' (on the License Manager server)
To: 'C:\Program Files (x86)\GeoSystemsMonitor\scripts' (on the GeoSystems Monitor server)

The parameters that are unique to the Esri® License Manager include:

License Manager Name	Name of the Esri® License Manager server to check
License Manager Port #	Port number that the Esri® License Manager runs on
Note: Default License manager port value is 27000	

A license/extension can be checked in one of two ways:

1. By entering 'All' in the License Type parameter field. A value of "All" will check for Desktop Advanced, Standard or Basic licenses.

Note: Only the information for the Info license type will be graphed; however, the information will be sent for the Info, Edit, and View Desktop licenses in accordance with the de Warning Number.

2. By entering an individual License Type. Multiple points can be confirmed for individual License / Extension Types and graph each one individually to show historical usage for selected individual license types.

Note: As a general rule, when checking extensions the user will want to select the extension type individually.

The following are valid entries for the License Type parameter:

Desktop Licenses

All

Info or Advanced

Edit or Standard

View or Basic

In addition, the following parameters can be entered in the License Type field:

FindPort - Will help find the port used by the license manager. Uses the 'Port' parameter as the starting point, normally 27000, and incrementally checks upward several ports.

Debug - When entered in the 'License Type', creates a log entry for the CO of the lmutil query. Good for troubleshooting issues with licenses and types.

Information for AutoCAD licenses and for licenses associated with FlexNet Publisher.

For AutoCAD, enter: ACAD::

Example: ACAD::<85830CIV3D_2012_0F

If a web page only is desired, enter ACAD:: in the License type and the web page created with this check is called ACADLicense.html.

For FlexNet Publisher enter: FME::FmeLicenseType or OTHER::GenericLicenseType

These web pages will be called FMELicense.html or OTHERLicense.html

Extensions

ACT - Users of ACT

ARCSTORM - Users of ArcStorm

ARCSTORMENABLE - Users of ArcStormEnable

CITYENGADV - Users of CityEngAdv

DATA REVIEWER - Users of DataReviewer

	<p>GEOSTATS - Users of GeoStats</p> <p>GEOSTATISTICAL - Users of GeoStats</p> <p>GRID - Users of Grid</p> <p>SPATIAL - Users of Grid</p> <p>INTEROP - Users of Interop</p> <p>DATA - Users of Interop</p> <p>DATAINTEROPERABILITY - Users of Interop</p> <p>JTX - Users of JTX</p> <p>MRSID - Users of MrSID</p> <p>NETWORK - Users of Network</p> <p>PLOTTING - Users of Plotting</p> <p>PUBLISHER - Users of Publisher</p> <p>SCHEMATICS - Users of Schematics</p> <p>TIFFLZW - Users of TIFFLZW</p> <p>TIN - Users of TIN</p> <p>3D - Users of TIN</p> <p>TRACKING - Users of Tracking</p> <p>VBA - Users of VBA</p>
Warning Number	<p>The number of licenses / extensions remaining at which the GeoSystems Manager will display an alert</p> <p>Note: <i>The default Warning Number value is zero (0).</i></p>
Web Page Path	<p>(Optional) When entered, this parameter creates a Web page (arcgislicense.htm) containing license/extension information to this path.</p> <p>For example: <i>c:\\inetpub\\wwwroot</i></p>

When the **Web page Path** parameter is populated, the GeoSystems Monitor creates a web page (**arcgislic** displays who is using what license and extension type.



ArcGIS License Manager: VESHQCVS

Updated: Fri Oct 10 11:48:47 2014

Users of ARC/INFO: (Total of 11 licenses issued, Total of 5 licenses in use) Advanced			45% Utilization
User	Computer	Time	
als	VES_HQ_ALS	start Fri 10/10 10:50	
chf	VTRAINW2	start Fri 10/10 11:45	
dpl	VTRAINW2	start Thu 10/9 15:38	
jlb	VES_HQ_JLB	start Fri 10/10 8:20	
mab	VES_HQ_MAB	start Thu 10/9 17:31	

The webpage header can be modified using the following files, located in the 'scripts' folder.

- licenseTemplate.html - The top of this can be changed for individual Client information if needed.
- logo.gif - A Client logo can be put in place of this file to display in the Web page.

The web page can be created whether or not other license or extension checks are in place. If the web application needs to be refreshed more often than the license or extensions need to be checked, create a point with only the 'Web Page Path' parameter and have it run more often (for example every two minutes).

The web page path can be on the local GeoSystems Monitor server, either under IIS or a UNC path to another server.

- Ex. 1. C:\inetpub\wwwroot\LicenseManager
- Ex. 2. \\RemoteServer\RemoteServerShare
 - When entering a UNC path, make sure the GeoMonEngine service can write to that location.

Note: This parameter should be entered in only ONE point check, in order to avoid a web page writing over itself unnecessarily

Article ID: 441

Last updated: 30 Dec, 2019

Revision: 2

GeoSystems Monitor Enterprise -> Product Guide v4.1 - 4.2 -> Monitor Point Types & Parameters -> Esri License Manager (old check)

<http://www.vestra-docs.com/index.php?View=entry&EntryID=441>