

Adding a New Monitoring Point

Clicking on the **[Add a new Monitoring Point]** icon at the top of the Status Points dialog will bring up a panel where you can select a Monitor Type as shown below.

STATUS POINTS FOR: VAGS105B

All 10 | Up 10 | Down 0 | Slow 0 | Warning 0 | Inactive 0

ID	Name	Description	Active	Status	Info
2	AGSCheck - Master	AGSCheck - Master	Yes	Up	N/A
3	Secure Map Service - Novato_Pro	Secure Map Service - Novato_Pro	Yes	Up	N/A
4	Secure Feature Service - Novato	Secure Feature Service - Novato	Yes	Up	FtrCnt:20352

Add a New Monitoring Point

Select Type

Select a Monitor Type

AGS Feature Service

AGS Feature Service URL

AGS Generic Service Check

AGS GeoCode Service

AGS GeoCode Service URL

AGS Geoproc. Service URL

AGS Map Service

AGS Map Service URL

AGS Map Service WSDL

AGS Secure Feature Service

AGS Secure Feature Service URL

AGS Secure Generic Service Check

In the background these different types of GeoSystem monitoring points are python scripts that are executed by the GeoMonitor Engine.

When a monitoring point type is selected a new panel is presented where you populate the parameters required by the monitoring script (as shown below).

Add a New Monitoring Point

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Select Type

AGS Feature Service
▼

Monitor Name

Monitor Description

Server Name

Service Name

Layer#:Opt Query

Create Monitor Point

The first two parameters are always the same (Monitor Name and Monitor Description). Their contents are displayed in the first two columns of the Status Points dialog (shown above). The remaining parameters vary depending on the requirements of the monitoring script.

There are 47 monitoring scripts included in the current version of the GeoSystem Monitor. A list of these monitoring points with a brief description of what they do and links to more detailed information on each monitoring point type is presented below.

Finally, custom monitoring points developed to meet your sites individual needs can be added to this selection as discussed in the [Overview of Custom Checks](#) and [Settings - Custom Monitor](#).

MONITORING POINT

[AGS Feature Service](#)
[AGS Feature Service URL](#)
[AGS Generic Service Check](#)

[AGS GeoCode Service](#)
[AGS GeoCode Service URL](#)
[AGS Geoprocessing Service URL](#)
[AGS Map Service](#)
[AGS Map Service URL](#)

[AGS Map Service WSDL](#)

[AGS Secure Feature Service](#)
[AGS Secure Feature Service URL](#)
[AGS Secure Generic Service Check](#)
[AGS Secure GeoCode Service](#)
[AGS Secure GeoCode Service URL](#)
[AGS Secure Geoprocessing Service URL](#)
[AGS Secure Map Service](#)
[AGS Secure Map Service URL](#)
[AGS Secure Streaming Service](#)
[AGS Streaming Service](#)
[AGS Usage Statistics](#)
[Esri® License Manager](#) (old)

DESCRIPTION

Checks AGS Feature service for layer data
Checks AGS Feature service for layer data
Checks ANY AGS Service that its available, but doesn't exercise it

Checks AGS GeoCoding Service for valid results
Checks AGS GeoCoding Service for valid results
Checks AGS Geoprocessing Service for valid results
Checks AGSserver map service if valid image is returned
Checks AGS server map service if valid image returned

Checks if AGS server map service is running, not for valid image

Checks Secure AGS Feature service for layer data
Checks Secure AGS Feature service for layer data
Checks ANY Secure AGS Service that its available, but doesn't ex
Checks Secure AGS GeoCoding Service for valid results
Checks Secure AGS GeoCoding Service for valid results
Checks Secure AGS Geoprocessing Service for valid results
Checks Secure AGS server map service if valid image is returned
Checks Secure AGS server map service if valid image returned
Checks Secure AGS server streaming service for valid results
Checks AGS server streaming service for valid results
Checks AGS server log and generates usage information
Checks Esri® and other licenses for usage and approaching expir
License Manager Module

HostCheck	Checks if a server is up and running
IMS Service	Checks if IMS-Servlet-Service is running
License Manager Module (new)	Checks Esri®, ACAD, FME, and other licenses for usage and approval Viewable in License Manager Reporting Module and License Manager
MS SQL Database/Table	Checks MS SQL Database and Table
MSSQL SDE List Tables	Checks MS SQL SDE Database and generates usage information - U the MSSQL SDE Usage
MSSQL SDE Usage	Checks MS SQL SDE Database and generates usage information - U the MSSQL SDE List Tables
Oracle® Database/Table	Checks Oracle Database and Table if available
Oracle® SDE List Tables	Checks Oracle SDE Database and generates usage information - U Oracle SDE Usage
Oracle® SDE List Tables 9.x	Checks Oracle SDE Database and generates usage information at version 9.x
Oracle® SDE Usage	Checks Oracle SDE Database and generates usage information - U Oracle SDE List Tables
Postgres Database/Table	Checks Postgres Database and Table
Postgres SDE List Tables	Checks Postgres SDE Database and generates usage information - U the Postgres SDE Usage
Postgres SDE Usage	Checks Postgres SDE Database and generates usage information - U the Postgres SDEList Tables
RSS Feed	Checks RSS Feed is up and accessible
SDE Layer	Checks Esri® SDE Layer privileges and if active/loaded
SDE Replication MSSQL	Checks if scheduled SDE replication has happened, and whether o
SDE Replication Oracle	Checks if scheduled Oracle replication has happened, and whethe successful
SDE Replication Postgres	Checks if scheduled PostgreSQL replication has happened, and w successful
SDE Service	Checks if Esri® SDE service is accepting connections
WCS Check	Checks OGC WCS Raster Data Sets for valid image return
WFS Check	Checks OGC WFS Feature Service for layer data
WMS Check	Checks OGC WMS Map Service for valid image return
Web Application	Checks if Website/Application is up and accessible
Web Application Secure	Checks if Secure Website/Application is up and accessible
Windows Service	Checks if a Windows service is up and running
Windows WMI Server Stats	Reviews selected server statistics and reports back to the user

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GeoSystems Monitor Enterprise -> Product Guide v4.0 -> Working with Monitoring Points -> Adding a New Monitoring Point

<http://www.vestra-docs.com/index.php?View=entry&EntryID=244>