

AGS Geocode Service

Add a New Monitoring Point

Select Type

AGS GeoCode Service

Monitor Name

Monitor Description

Server Name

Service Name

Addr-from URL

Create Monitor Point

The AGS Geocode Service monitoring point checks an ArcGIS Server Geocode service to see if it returns an x,y location for a valid address.

The script assumes the standard Esri AGS service directory structure (i.e. <your server name>/arcgis/rest/services/<your service name>). If this is not the case, use the [AGS Geocode Service URL](#) monitoring point script.

The parameters that are unique to the AGS Geocode Service include:

Server Name	DNS name of server where AGS is located
Service Name	Name of REST Service on the ArcGIS server. If service is under a folder name, the folder name and service is needed (e.g. Parcels or Assessor/Parcels)
Addr-from URL	This parameter needs to be retrieved from the geocode service REST interface in the following format. For example, the parameter should take form of address=123+main+st&outFields=&f=pjson

If your AGS Geocode Service is secure, use the [AGS Secure Geocode Service](#) monitoring point script.

Retrieving the Addr-from URL parameter from the REST service is a several step process.

Step 1.1: Open your Internet browser and enter the URL for your ArcGIS® Rest Services

(Example: <http://YourServerName/ArcGIS/Rest/Services>)

Select a GeoCode service from your list of services

Folder: /

Current Version: 9.31

View Footprints In: [Google Earth](#)

Folders:

• **Your Folders**

Services:



Step 1.2: In the bottom left of the browser screen, locate "Supported Operations"

Click on **[Find Address Candidates]**

Supported Interfaces: [REST](#) [SOAP](#)Supported Operations: [Find Address Candidates](#)

Step 1.3: Enter a valid address in the **Address** field

Note: Your GeoCoder form view may vary from the image at the right

Find Address Candidates:

Address:

Zone:

Return Fields (Comma Separated):

Format:

Step 1.4: Select **JSON** from the **Format** drop down box

Find Address Candidates:

Address:

Zone:

Return Fields (Comma Separated):

Format:

Step 1.5: Click on **[Find]**

Find Address Candidates:

Address:

Zone:

Return Fields (Comma Separated):

Format:

Step 1.6: Verify that valid data is returned

Note: If the data is not valid, the browser will display an empty page rather than x, y coordinates. If this happens, locate a valid address and re-enter the information as outlined in Step 1.3.

```
{
  "candidates" : [
    {
      "address" : "123 MAIN STREET",
      "location" :
      {
        "x" : 6022726.86212,
        "y" : 2165763.09267
      },
      "score" : 37,
      "attributes" :
      {
      }
    },
    {
      "address" : "123 MAIN STREET",
      "location" :
      {

```

Step 1.7: In the URL Address, locate and copy the information after the (?) to the end of the URL to pjson

Example Complete URL:

http://ServerName/ArcGIS/rest/services/CompositeLocator/GeocodeServer/findAddressCandidates?Address=123+main+street&Zone=&outFields=

Portion to copy

{Address=123+main+street&Zone=&outFields=&f=pjson}

Step 1.8: Paste the URL portion into the **Addr-from URL** field provided

Step 2: Click the **[Create Monitor Point]** button

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GeoSystems Monitor Enterprise -> Product Guide v4.1 - 4.2 -> Monitor Point Types & Parameters -> AGS Geocode Service

<http://www.vestra-docs.com/index.php?View=entry&EntryID=423>