

# AGS Geocode Service URL

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

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

Server Name	DNS name of server where AGS is located
Service Name	Name of Geocode Service on ArcGIS server. If service is under a folder, name folder/service is needed.
URL-Complete	This parameter can be retrieved from using ArcMap, or better, the REST interface service and entering the parameters to test. Copy the parameters from the 'U' address bar of the Browser.

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

Retrieving the URL-Complete 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:



Supported Interfaces: [REST](#) [SOAP](#)

Supported Operations: [Find Address Candidates](#)

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

Click on **[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 depending on the Locator style*

**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 without 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:** Copy the entire URL in the browser address bar

**Example URL-Complete:**

<http://ServerName/ArcGIS/rest/services/CompositeLocator/GeocodeServer/findAddressCandidates?Address=123+Main+Street&Zone=&outFields=&f=pjson>

**Step 2:** Paste the URL-Complete into the field provided

**Step 3:** Click the **[Create Monitor Point]** button

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GeoSystems Monitor Enterprise -> Product Guide v4.1 - 4.2.1 -> Monitor Point Types & Parameters -> AGS Geocode Service URL

<http://www.vestra-docs.com/index.php?View=entry&EntryID=424>