Orion GIS Configuration
for Kansas ORKA Users
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<table>
<thead>
<tr>
<th>Document Publication Number</th>
<th>Revision</th>
<th>Date</th>
<th>Changes Made</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orion GIS Config - ORKA</td>
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<td>Document Creation</td>
</tr>
</tbody>
</table>

Technical Assistance
For assistance with Orion GIS issues, contact KDOR Support through the following resources.

| KDOR Support Phone | 888.643.7710 |
| KDOR Support E-mail | Orion@kdor.ks.gov |

Other Resources
For assistance with ORKA GIS services, contact the Kansas Data Access and Support Center (DASC) through the following resources.

| Main Telephone | 785.864.2000 |
| E-mail         | dasc@kgs.ku.edu |
| Website        | http://www.kansasgis.org |
Orion GIS Configuration for Kansas ORKA Users

This document is intended for Orion administrators in Kansas whose GIS maps are hosted by the Data Access and Support Center (DASC) as part of the Open Records for Kansas Appraisers (ORKA).

Prerequisites
Before configuring GIS in Orion you must ensure that you have enabled the appropriate user rights.

Enable User Rights
Orion > User Maintenance > Roles > Appraisal Roles > [Choose a Role] > Maps tab

1. For Orion GIS administrators, grant the user the right to “Maintain GIS Configuration”. This will enable GIS configuration options in the map viewer.
2. For all GIS users, including administrators, grant the user the right to “Work with Maps”. This will enable the map functionality in various locations in Orion. If possible, it is best to delay granting this right to other end users until after you have successfully configured the maps.

Configuration Steps
After enabling user rights, you are now ready to configure GIS in Orion.

Configure GIS Services
Next, configure Orion to use your own map services.

1. Launch the Map Viewer: Orion > Find a Property > Map Search. The ESRI World Streets Map should appear.
2. In the Map Viewer, click the Configure Map tool to launch the GIS Configuration window. This tool will only appear if you have the right enabled to “Maintain GIS Configuration”.

Add a geometry service
3. Click the Add button to add a geometry service. The geometry service is used by Orion for various operations, such as buffering.
   - Service URL: Enter the following URL
     http://mapserver1.kansasgis.org/arcgis/rest/services/Geometry/GeometryServer
   - Service Name: Enter “Geometry”
   - Service Type: Choose “Geometry Service”
4. When finished, click the OK button.
Add your parcel map service

5. Click the Add button to add your parcel map service.

   - **Service URL**: Enter the following URL, replacing “XX” with your county abbreviation
     
     http://mapserver1.kansasgis.org/arcgis/rest/services/ORKA/XX_ORKA/MapServer

   - **Service Name**: Enter “Parcels”

   - **Service Type**: Choose “Dynamic Map Service”

   - **Link to Orion**: Check this box

   - **Parcel Layer ID**: Enter the number zero (this is the default)

   - **Identifier Field**: Enter “KSPID”

   - **Identifier Type**: Choose “Property Number Search”

6. When finished, click the OK button.

Add additional map or image services

7. If you have any additional services, continue adding them while making sure to select the appropriate settings for **Service URL** and **Service Type** and use unique names for **Service Name**.

Change the display order

8. When you are finished adding services, use the **Move Up / Move Down** buttons to change the order in which the services will be displayed on the map. Move the Streets layer to the bottom and the Parcels layer to the top (see **Figure 3 – Example Completed Configuration**).

Save your changes

9. Click OK to save your changes. Click OK again when prompted to “Save Change for All Users”.
Verify Configuration

After saving the configuration, verify that the map viewer is working correctly.

1. Exit the map viewer and load a real property in Orion.

2. From the property summary tab, click the yellow “Map” link. The map should appear and zoom into the parcel.
   - If the map does not appear, verify the Service URL and Service Type settings for all of your services. Also verify that the display order of the services matches Figure 3 below.
   - If the map appears but does not zoom to the parcel, verify the Link to Orion, Parcel Layer ID, Identifier Field, Identifier Type settings for your parcel map service.

Figures