

How to Access ArcIMS Services With ArcCatalog and ArcMap

ArcCatalog

1. Open "GIS Servers"
2. Double-click "Add ArcIMS Server"
3. In the "Add ArcIMS Server" window:
 - a. URL of server = <http://gis.milwaukee.gov> or <http://199.196.84.23>
 - i. Please note: As of August, 2012, the IP address has changed. If you have created a connection to these services via an IP address other than 199.196.84.23, you will need to recreate that connection.
 - b. Click the radio button next to "Just the following service(s)" and then click "Get List" button.
 - c. Check the boxes next to the IMS services you would like to have access to.
 - i. assessor = Plat Milwaukee
 - ii. compass = COMPASS Community Mapping
 - iii. mm1 = Map Milwaukee
 - iv. snowice = Snow and Ice
 - d. Click "OK"
4. Selected map services should now appear in your ArcCatalog tree under "GIS Servers."

ArcMap

1. Add Data
 - a. Look in: "GIS Servers"
 - b. Select desired service
 - c. Click "Add"
2. The map service appears in ArcMap as it's own layer tree with symbolization based on the map service. Individual layers in the map service can be turned on and off, and attribute data can be accessed, but the layers, their data and symbolization, cannot be changed.
3. Though you cannot export the layers displayed by these services, you can export the attribute tables. This will allow you some flexibility with the data, especially point layers that contain addresses. Once you have exported the desired attribute table, you can geocode the data to the City of Milwaukee street data. Street data is available at <http://city.milwaukee.gov/DownloadMapData3497.htm>
4. **NOTE:** There is a software limitation that allows users access to only 2000 attribute table records at a time when using these ArcIMS services in ArcGIS Desktop. This limitation is in place to protect the performance of these map services. If you need to analyze large segments of data, we recommend these sources (they're not a "canned" map application, but they will allow you much more flexibility with the data):
 - a. All **crime data**, 2005 thru present, is available via **COMPASS Query and Download** and offers quite a bit of flexibility in date selections: <http://city.milwaukee.gov/PublicApplications>
 - b. The City of Milwaukee's **street shapefile** can be used for geocoding address-based data and is available for download here: <http://city.milwaukee.gov/DownloadMapData3497.htm>
 - c. The city's property data is another large dataset. The parcel boundary shapefile, parcelbase, can be downloaded from our map data download page:
<http://city.milwaukee.gov/DownloadMapData3497.htm>
 - d. The city's **master property file, MPROP**, contains all property attribute data from Map Milwaukee, as well as additional fields. MPROP can be joined to parcelbase using the TAXKEY field as a primary key. MPROP can be downloaded from our tabular data download page:
<http://city.milwaukee.gov/DownloadTabularData3496.htm>