ArcGIS StreetMap Premium Quick-Start Guide for Desktop and Enterprise

Prerequisites

Before using the ArcGIS® StreetMap™ Premium North America 2022 Release 1 dataset, you must ensure that you have the correct versions of ArcGIS Desktop, and/or ArcGIS Enterprise installed for the StreetMap Premium components that you want to use. See the table below for a summary of prerequisites.

StreetMap Premium Component	Software
FGDB dataset for mapping and routing	ArcGIS Desktop or Enterprise 10.8.1 or later; ArcGIS Pro 2.8.5 or later
Locators for geocoding	ArcGIS Enterprise 10.8.1 or later; ArcGIS Pro 2.8.5 or later
Mobile map packages	ArcGIS Pro 2.8.5 or later

Note: The locators are built like the ones used for the ArcGIS Online World Geocoding Service. When using these locators, it is always highly recommended that you run the most recent releases of ArcGIS Pro and/or ArcGIS Enterprise.

Check the Release Notes on the ArcGIS website that highlight some general information about ArcGIS StreetMap Premium North America 2022 Release 1 as well as the changes between 2022 Release 1 and 2021 Release 4.

To check for any patches that may be related to this version of ArcGIS StreetMap Premium, see Patches for ArcGIS StreetMap Premium on the ArcGIS website.

For additional information on supported software for ArcGIS StreetMap Premium, see System Requirements for ArcGIS StreetMap Premium on the ArcGIS website.

Setting up ArcGIS StreetMap Premium

ArcGIS StreetMap Premium North America 2022 Release 1 includes the following content:

- **NA_2022R1_Documentation.7z**–Documentation folder (contains help.htm), QuickStartGuide and Release Notes PDF files
- **NA_2022R1_FGDB.7z.[001…00n]**–MXD and StreetMap_Data folders

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- **NA_2022R1_Locators.7z**–Locators folder
- **Mobile map packages**–.mmpk format downloadable from My Esri (ArcGIS Enterprise Portal or ArcGIS Runtime users) or ArcGIS Online

Depending on your software, these steps are required before you start using ArcGIS StreetMap Premium:

1. Copying ArcGIS StreetMap Premium data to your hard drive
2. Registering the data license for Desktop
3. Registering the data license for Enterprise

Step 1: Copying ArcGIS StreetMap Premium data to your hard drive

a. Create a new folder on your hard drive (for example, C:\StreetMap Premium). If you plan on working with several StreetMap Premium datasets, you should be more descriptive when naming the new folder. For example, you could use the geographic area or version number of the dataset as part of the folder name.

b. For the StreetMap Premium documentation, download the file named **NA_2022R1_Documentation.7z** from My Esri (or copy from the flash drive) to the new folder on your hard drive. Then, browse to the new folder using My Computer or Windows Explorer. If you do not already have 7-zip installed on your computer, you will need to install this free software from https://www.7-zip.org/. Once 7-zip is installed on your computer, unzip **NA_2022R1_Documentation.7z**. There will be the QuickStart Guide and Release Notes PDF files as well as a \Documentation folder created which contains the help.htm and Esri User License Agreement link.

c. The FGDB mapping and routing dataset is split into several files due to its size. First, download all files named **NA_2022R1_FGDB.7z.[001…00n]** from My Esri (or copy them from the flash drive) to the new folder on your hard drive. Then, browse to the new folder using My Computer or Windows Explorer. Unzip the first file with the "001" extension, and the rest of the numbered files will automatically unzip with it. There will be one \FGDB folder with \MXD and \StreetMap_Data subfolders created, which could take about 30 minutes, depending on your computer. **All of the files named NA_2022R1_FGDB.7z.[001…00n] must be downloaded (or copied) onto your hard drive and unzipped in order for the FGDB to function correctly.**

Notes:

- For help finding and downloading the StreetMap Premium product components on My Esri, see the StreetMap Premium download installation guide.

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- The FGDB network dataset can only be accessed with ArcGIS 10.8.1 or later or ArcGIS Pro 2.8.5 or later.
- For information on accessing the network dataset with trucking restrictions and historical traffic data in ArcGIS, open the help.htm file located in the Documentation folder, and go to the "Routing > Routing with StreetMap Premium" topic.
- The detailed street layers (Streets and Routing_Streets) are protected; therefore, you cannot export these layers to a shapefile or other feature class. You also cannot use any ArcGIS function that will read from the Streets or Routing_Streets Shape field and output features into a feature class (for example, buffer, intersect, and so on).

d. To use the locators for geocoding, first, download the file named **NA_2022R1_Locators.7z** from My Esri (or copy it from the flash drive) to the new folder on your hard drive. Then, browse to the new folder using My Computer or Windows Explorer. Unzip the file. There will be one \Locators folder created containing all the locator files for North America. For information on using the locators for geocoding, open the help.htm file located in the Documentation folder, and go to the "Geocoding > Geocoding with StreetMap Premium locators" topic.

e. To get started with the mobile map package (.mmpk) format see Get started with a StreetMap Premium mobile map package in ArcGIS Pro help.

Step 2: Registering the data license for Desktop

When you purchase an ArcGIS StreetMap Premium license, the StreetMap Premium data license file (*.sdlic) will be downloadable from your My Esri account. You must install this license before using the ArcGIS StreetMap Premium data. See StreetMap Premium licensing requirements on the ArcGIS website for information about licensing.

a. Save this license file to a location on your computer (for example, C:\StreetMap Premium\).

   Notes:
   - For help finding and downloading your StreetMap Premium data license file (*.sdlic) on My Esri, see the StreetMap Premium download installation guide.
   - Due to some Windows OS security settings, the license file may need to be accessed from a local drive rather than from a network location.

b. Double-click the license file to install the license, install the license using the ArcGIS Administrator, or install the license as an administrator through ArcGIS

Pro using the Project > Licensing > Manage your data licensing dialog box. A license must be installed on each computer that will access the ArcGIS StreetMap Premium dataset through ArcGIS.

c. Using the mobile map packages or locators in ArcGIS Pro requires a StreetMap Premium extension. To check for the extension, navigate to Project > Licensing > Esri Extensions to view the list of extensions. Extensions that are grayed out are not available. Check with your organization's license administrator, your My Esri account, or Esri Customer Service if you do not have the ArcGIS Pro StreetMap Premium extension authorization file. For help finding and downloading your StreetMap Premium extension authorization file on My Esri, see the StreetMap Premium download installation guide.

Step 3: Registering the data license for Enterprise

If you have not already installed or authorized your ArcGIS Enterprise software, refer to the ArcGIS Enterprise installation and deployment help.

For ArcGIS Enterprise, you must first install the license file (*.sdlic) on all machines that are part of the server configuration before creating any services using the ArcGIS StreetMap Premium data. See StreetMap Premium licensing requirements on the ArcGIS website for information about licensing.

For machines running only ArcGIS Enterprise and not ArcGIS Desktop, follow the instructions below depending on whether ArcGIS Enterprise is running on Windows or Linux.

ArcGIS Server version 10.8.1 or later (Windows and Linux)
For machines running ArcGIS Server version 10.8.1 or later, you must install the license file with the DataLicInstall utility using the command line.

For Windows machines, follow the steps below:

1. Open a command line window and navigate to <ArcGIS Server installation directory>\ArcGIS\Server\bin.

   Note: To install the data license on 10.9.1 or later, navigate to <ArcGIS Server installation directory>\ArcGIS\Server\framework\ runtime\ArcGIS\bin\DataLicInstall.exe.

2. Then type: datalicinstall.exe <pathname>\<ArcGIS data license file>
3. Type datalicinstall.exe /h for help with all other DataLicInstall utility options such as uninstalling a license.

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For Linux machines, follow the steps below:

1. Navigate to <ArcGIS Server installation directory>/arcgis/server/tools.
2. Then type: ./datalicinstall <pathname>/<ArcGIS data license file>
3. Type ./datalicinstall -h for help with all other DataLicInstall utility options such as uninstalling a license.

For more information on using the DataLicInstall utility on Linux, see Configuring an ArcGIS data license in ArcGIS Server (Linux) Help.

Note: When you receive your .sdlic license file, you should copy it to a network or folder location that is accessible to your server as well as your user account. Copying the license file to a network or folder locations that are not accessible may cause an error when you try to install the license file with the DataLicInstall utility.

ArcGIS Enterprise version 10.8.1 or later (Windows and Linux)
Use of the locators in a geocoding service requires ArcGIS Enterprise 10.8.1 or later. In addition, it is necessary to have both an ArcGIS Pro and an ArcGIS Enterprise StreetMap Premium extension. Install the ArcGIS Enterprise StreetMap Premium extension with your authorization file using the Software Authorization for ArcGIS Server Wizard prior to publishing a locator as a geocoding service through ArcGIS Pro. Check with your organization's license administrator or Esri Customer Service if you do not have either the ArcGIS Pro StreetMap Premium extension or the ArcGIS Enterprise StreetMap Premium authorization file.

More information about ArcGIS StreetMap Premium

For information about using StreetMap Premium for display, routing, and geocoding, open the help.htm file located in the Documentation folder included with ArcGIS StreetMap Premium and visit StreetMap Premium on the ArcGIS website.