StreetMap Premium for ArcGIS — Asia Pacific

2019 Release 1

StreetMap Premium for ArcGIS Quick-Start Guide for Desktop and Enterprise

Prerequisites

Before using the StreetMap Premium for ArcGIS 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 for each component.

StreetMap Premium Component	Software
FGDB dataset for mapping and routing, and locators for geocoding	ArcGIS Desktop or Server 10.6.1 or later ArcGIS Pro 2.3.3 or later

Note: There are now two different sets of locators included in StreetMap Premium. The classic locators are the ones that have been included with StreetMap Premium over the last few years. The new locators are a new style of locators similar to the ones used for the ArcGIS Online World Geocoding Service. However, since StreetMap Premium utilizes primarily HERE data for the source of address data, and the ArcGIS Online World Geocoding Service utilizes HERE data plus other vendors or public sources of information, some countries' geocoding results may vary. When using these new locators, it is always highly recommended that you run the most recent releases of ArcGIS Pro and/or ArcGIS Enterprise.

Check the Release Notes that highlight some general information about StreetMap Premium for ArcGIS Asia Pacific 2019 Release 1 as well as the changes between 2019 Release 1 and 2018 Release 1.

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

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

Setting up StreetMap Premium for ArcGIS

StreetMap Premium for ArcGIS Asia Pacific 2019 Release 1 includes the following content:

- **AP_2019R1_Documentation.7z**–Documentation folder (contains help.htm), QuickStartGuide and Release Notes PDFs

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- **AP_2019R1_FGDB.7z.[001…00n]**–MXD and StreetMap_Data folders
- **AP_2019R1_ClassicLocators.7z**–ClassicLocators folder
- **AP_2019R1_NewLocators.7z**–NewLocators folder

There are three steps required before you start using StreetMap Premium for ArcGIS:

1. [Copying StreetMap Premium for ArcGIS data to your hard drive](#)
2. [Registering the data license for Desktop](#)
3. [Registering the data license for Enterprise](#)

Step 1: Copying StreetMap Premium for ArcGIS 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 AP_2019R1_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 [www.7-zip.org](#). Once 7-zip is installed on your computer, unzip AP_2019R1_Documentation.7z. There will be one \Documentation folder created which contains the help.htm, Esri User License Agreement, QuickStartGuide, and Release Notes PDFs.

c. The FGDB mapping and routing dataset is split into several files due to its size. First, download all files named AP_2019R1_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 AP_2019R1_FGDB.7z.[001…00n] must be downloaded (or copied) onto your hard drive and unzipped in order for the FGDB to function correctly.**

   Notes:

   - The FGDB network dataset can only be accessed with ArcGIS 10.6.1 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 > About the routing service" 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 (i.e., buffer, intersect, etc.).

d. To use the classic locators for geocoding, download **AP_2019R1_ClassicLocators.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, and unzip the file. There will be one \ClassicLocators folder created.

Whether you purchased geocoding for all of Asia Pacific or a few countries, you will find each country's locator named using the three-letter country abbreviation code under the newly unzipped \ClassicLocators folder on your hard drive. **AP_2019R1_ClassicLocators.7z must be downloaded (or copied) onto your hard drive and unzipped in order for the locators to function correctly.** For information on using the classic locators for geocoding, open the help.htm file located in the Documentation folder, and go to the "Geocoding addresses > About the classic address locators for geocoding" topic.

e. To use the new locators for geocoding, first, download the file named **AP_2019R1_NewLocators.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 \NewLocators folder created containing all the locator files for Asia Pacific. For information on using the new locators for geocoding, open the help.htm file located in the Documentation folder, and go to the "Geocoding addresses > About the new address locators for geocoding" topic.

Note for geocoding users: Locator 7-zip files included with the My Esri download or shipped media (flash drive) now contain all locator files/all extensions. Esri Customer Service will no longer email a separate .zip file containing the locator files with *.loc extensions.

Step 2: Registering the data license for Desktop

When you purchase a StreetMap Premium for ArcGIS license, you will receive one StreetMap Premium data license file (*.sdlic) via e-mail from Esri Customer Service. You must install this license before using the StreetMap Premium for ArcGIS data.

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

Note: If you are using Windows 10, due to Windows 10 security the license file must be accessed from a local drive rather than from a network location.

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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 StreetMap Premium for ArcGIS dataset through ArcGIS.

c. Using the new 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 or Esri Customer Service if a StreetMap Premium extension is not available.

Step 3: Registering the data license for Enterprise

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 StreetMap Premium for ArcGIS data.

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 10.6.1 or later (Windows and Linux)
For machines running ArcGIS Server version 10.6.1 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.
2. Then type: datalicinstall.exe <pathname>\<ArcGIS data license file>

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>

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

Note: Each unique version of StreetMap Premium for ArcGIS has its own data license. You cannot use the data license from one StreetMap Premium for ArcGIS dataset to access another version of StreetMap Premium for ArcGIS data.

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ArcGIS Enterprise version 10.6.1 or later (Windows and Linux)
Use of the new locators in a geocoding service requires ArcGIS Enterprise 10.6.1 or later. In addition, it is necessary to have both an ArcGIS Pro Desktop 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 new 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 Desktop StreetMap Premium extension or the ArcGIS Enterprise StreetMap Premium authorization file.

More information about StreetMap Premium for ArcGIS

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