# StreetMap Premium for ArcGIS
## Europe

**2019 Release 2** 25 September 2019

## RELEASE NOTES

These release notes highlight some general information about SMP for ArcGIS Europe 2019 Release 2 as well as the changes between 2019 Release 2 and 2019 Release 1.

### 1) System Requirements:

| StreetMap Premium Component | Software |
|---|---|
| FGDB dataset for mapping and routing, and locators for geocoding | ArcGIS Desktop or ArcGIS Enterprise 10.6.1 or later<br>ArcGIS Pro 2.3.3 or later |

See http://links.esri.com/streetmap-premium/2019/sys-reqs

**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 identical 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.

### 2) Patches and Service Packs (strongly recommended):

- **10.6.1 ArcGIS Server General Geocoding Patch** for addressing locators created using the Create Locator Geoprocessing Tool in ArcGIS Pro and published to ArcGIS Server, this patch resolves limitations related to these types of locators.
  See http://links.esri.com/streetmap-premium/2019/current-patches-and-service-packs
- **10.6.1 ArcGIS Server Pre-Planned Routes Patch** for addressing an issue with route layers created with the Share as Route Layers geoprocessing tool in ArcGIS Pro.
  See http://links.esri.com/streetmap-premium/2019/current-patches-and-service-packs
- **10.6.1 Portal for ArcGIS Security 2019 Update 1 Patch** for addressing multiple security vulnerabilities found in Portal for ArcGIS.
  See http://links.esri.com/streetmap-premium/2019/current-patches-and-service-packs
- **10.6.1 ArcGIS Server Security 2019 Update 1 Patch** for addressing multiple security vulnerabilities found in ArcGIS Server.
  See http://links.esri.com/streetmap-premium/2019/current-patches-and-service-packs

- **10.7 ArcGIS Network Analyst Function Evaluator Patch** for addressing an issue when performing a network analysis on a network dataset that models height-, weight-, width-, or length-based restrictions using a function evaluator, this patch resolves an issue where roads are being incorrectly restricted when using a start time.
  See http://links.esri.com/streetmap-premium/2019/current-patches-and-service-packs

3) **My Esri Download or Media Contents:**

   a. **EU_2019R2_Documentation.7z** - Documentation folder (contains Help.htm) QuickStartGuide and Release Notes files
   b. **EU_2019R2_FGDB.7z.[001…00n]** - MXD and StreetMap_Data folders
   c. **EU_2019R2_ClassicLocators.7z.[001...00n]** - ClassicLocators folder
   d. **EU_2019R2_NewLocators.7z.[001…00n]** - NewLocators folder

   **Refer to the QuickStartGuide.pdf for more information.**

4) **Data Size:**

   | 2019R2: | 117.3GB; | 2019R1: | 114.6GB |
   |---|---|---|---|
   | a. FGDB dataset | 48.1GB; | | 47.0GB |
   | b. Classic Locators | 44.6GB; | | 44.1GB |
   | c. New Locators | 24.6GB; | | 23.5GB |

5) **Dataset Changes:**

   **FGDB**
   i. Dataset based on HERE 2019 Q2 vintage.
   ii. Map Document (MXD) is provided in ArcGIS 10.6.1 version only for use with 10.6.1 or later versions.
   iii. Country name attribute changes:
   'Former Yugoslav Republic of Macedonia' or 'FYROM' to 'North Macedonia';
   'Czech Republic' to 'Czechia'

   **Point Feature Classes**
   iv. DistanceMarker attributes
      1. Removed: STREET_ADDRESS_ID
      2. Added: LINK_ID

**Line Feature Classes**

v.  Streets attributes

Removed: SHIELD_MASK, ROUTE_TYPE2, SHIELD_LBL2, SHIELD_CL2

vi.  Streetscarto attributes

Removed: ROUTE_TYPE2, SHIELD_LBL2, SHIELD_CL2

**Polygon Feature Classes**

vii.  No changes

**Tables**

viii.  No changes

**Refer to the Data Dictionary section in the Help.htm for more information.**

6) **Locator Changes:**

No changes

**Refer to the Geocoding addresses section 'About the new address locators for geocoding' in the Help.htm or** https://enterprise.arcgis.com/en/streetmap-premium/latest/get-started/use-new-locators.htm **for more information.**

7) **Routing/Network Dataset Changes:**

Due to ArcGIS software processing performance limitations found when using Python expressions, the network field evaluators have been changed back to VBScript expressions. With upcoming updates to software performance, the network field evaluators will be changed back to Python expressions in the next release.

**Refer to the 'About the routing services' section in the Help.htm for more information.**

**8) Deprecations:**

None