

RELEASE NOTES

These release notes highlight some general information about SMP for ArcGIS Europe HERE 2018 Release 1 as well as the changes between 2018 Release 1 and 2017 Release 2.

1) System Requirements:

- ArcGIS Desktop or ArcGIS Server 10.5.1 or later
- ArcGIS Pro 2.1 or later

See <http://links.esri.com/streetmap-premium/2018/sys-reqs>

2) Patches and Service Packs (strongly recommended):

- **10.5.1 ArcGIS Server Improper Access Control Security Patch** for addressing a specific access control vulnerability found in ArcGIS Server
- **10.6 ArcGIS Server Improper Access Control Security Patch** for addressing a specific access control vulnerability found in ArcGIS Server

See <http://links.esri.com/streetmap-premium/2018/current-patches-and-service-packs>

3) My Esri Download or Media Contents:

- EUHR_2018R1_Documentation.7z** - Documentation folder (contains Help.htm) QuickStartGuide and Release Notes files
- EUHR_2018R1_FGDB.7z.[001...00n]** - MXD and StreetMap_Data folders
- EUHR_2018R1_Locators.7z.[001...00n]** - Locators folder with *.lox and *.loc.xml files; *does not contain the *.loc files which are sent by Esri Customer Service (depending on the geography licensed) along with the product license file.*

Refer to the QuickStartGuide.pdf for more information.

4) Data Size:

<u>2018R1:</u>		<u>2017R2:</u>	
a. FGDB dataset	81.8GB;	45.7GB;	78.5GB
b. Locators	45.7GB;	36.1GB;	43.6GB
			34.9GB

5) **Dataset Changes:**

FGDB

- i. Dataset based on HERE 2017 Q4 vintage.
- ii. Map Document (MXD) is provided in ArcGIS 10.5.1 version only for use with 10.5.1 or later versions.

Point Feature Classes

- iii. No changes

Line Feature Classes

- iv. **Routing_Streets** attributes
 - 1. Renamed: FT/TF_RST_KINGPIN_REAR_AXLE_LENGTH to FT/TF_RST_KINGPIN_REAR_AXL_LENGTH
 - 2. Renamed: RST_TOLL_ROAD_AUTOMOBILE to RST_TOLL_ROAD_AUTOMOBILES
 - 3. FT/TF_RST_TRUCK_SPEED_LIMIT – Long(4) to Short(2)
- v. **Streets** attributes
 - 1. Added: FT/TF_TruckSpeedLimit
 - 2. KPH – Long(4) to Short(2)
 - 3. FT/TF_AverageSpeed – Double(8) to Float(4)
 - 4. JurisdictionalTruckSpeed – Long(4) to Short(2)
 - 5. F/T_RCAT25_48 – Long(4) to Short(2)
 - 6. FT/TF_TruckKPH – Double(8) to Float(4)

Polygon Feature Classes

- vi. No changes

Tables

- vii. 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 address locators for geocoding’ in the Help.htm for more information.

7) Routing/Network Dataset Changes:

- a. Added 'TruckMinutes' impedance/cost attribute. The calculation logic of the 'TruckTravelTime' impedance has been moved to the 'TruckMinutes' impedance.

With this 2018 SMP release and using ArcGIS 10.6 or later, when a start time is specified, the new calculation logic of the 'TruckTravelTime' impedance uses a combination of historic traffic information and jurisdictional truck speed limits to give more realistic travel times. If a start time is not specified, the 'TruckTravelTime' impedance will fall back to the 'TruckMinutes' impedance logic.

With previous 2017 SMP releases and/or using ArcGIS 10.5.1 or earlier, when a start time is specified, the 'TruckTravelTime' uses the historic traffic information for automobiles, which is less realistic. In this case it is recommended to use the 'TruckMinutes' impedance instead. If a start time is not specified, the 'TruckTravelTime' impedance will fall back to the 'TruckMinutes' impedance logic.

- b. Added 'Vehicle Maximum Speed (km/h)' parameter to 'TravelTime' and 'TruckTravelTime' cost attributes that allows for manually setting a maximum speed limit for vehicles.

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

8) Deprecations:

None