

RELEASE NOTES

These release notes highlight some general information about SMP for ArcGIS Asia Pacific HERE (APHR) 2018 Release 1 as well as the changes between 2018 Release 1 and 2017 Release 1.

1) System Requirements:

- ArcGIS Desktop or ArcGIS Server 10.5.1 or later
- ArcGIS Pro 2.2 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

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

- **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:

- a. **APHR_2018R1_Documentation.7z** - Documentation folder (contains Help.htm) QuickStartGuide and Release Notes files
- b. **APHR_2018R1_FGDB.7z.[001...00n]** - MXD and StreetMap_Data folders
- c. **APHR_2018R1_Locators.7z** - 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>	30.9GB;	<u>2017R1:</u>	29.8GB
a. FGDB dataset	19.9GB;		18.3GB
b. Locators	11.0GB;		11.5GB

5) Dataset Changes:

FGDB

- i. Dataset based on HERE 2018 Q1 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. **CityPOI** attributes
Added: DISPLAY_LAT, DISPLAY_LON
- iv. **MajorCityPOI** attributes
Added: DISPLAY_LAT, DISPLAY_LON

Line Feature Classes

- v. **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. Added: RST_PEDESTRIAN_PREFERRED, RST_STAIRS_TRAVERSAL
 4. FT/TF_RST_TRUCK_SPEED_LIMIT – Long(4) to Short(2)
- vi. **Streets** attributes
 1. Added: FT/TF_TruckSpeedLimit, PEDESTRIAN_PREFERRED, STAIRS_TRAVERSAL
 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

- vii. No changes

Tables

- viii. **POIContact** attributes
Added: E164

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

6) Locator Changes:

- a. **GUM** – Added GUM_LocalComposite locator; added GUM_PostalExt (ZIP+4), GUM_ZIP4 and GUM_ZIP4_LocalComposite for use with addresses that contain a ZIP+4 input value as part of the address.
- b. Note that all SMP locators are built using HERE reference data, but that the ArcGIS Online World Geocoding Service uses local data providers to build locators for HKG, SGP, and THA, so geocoding quality and results will vary between the two products.

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 restriction attributes ‘Avoid Roads Unsuitable for Pedestrians’, ‘Avoid Stairways’ and ‘Preferred for Pedestrians’.
- b. ‘Avoid Roads Unsuitable for Pedestrians’, and ‘Preferred for Pedestrians’ restrictions checked on for Walking Time and Walking Distance travel modes.
- c. 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.

- d. 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