

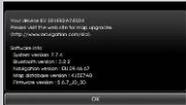
# Release notes



Software overview	1
Map changes	2
Map bugfixes	3
Software changes	4
Software bugfixes	5

# 1. Regular update – Changes summary



Platform	System Identification	SOP/ Previous Version (Map data 2015 Q4)	Enhancements (Map data 2017 Q1)
GEN 1.x		<ul style="list-style-type: none"> <li>➤ ECO route on Map present</li> <li>➤ 45 Countries supported</li> <li>➤ No Apple CarPlay / Android Auto support</li> <li>➤ No Tomtom Services support</li> </ul>	<ul style="list-style-type: none"> <li>➤ ECO route removed from the map</li> <li>➤ 45 Countries supported (incl. <b>6 changes</b>)</li> <li>➤ No Apple CarPlay / Android Auto support</li> <li>➤ No TomTom Services support</li> </ul>
GEN 2.0		<ul style="list-style-type: none"> <li>➤ 45 Countries supported</li> <li>➤ No Apple CarPlay / Android Auto support</li> <li>➤ TomTom Services supported</li> </ul>	<ul style="list-style-type: none"> <li>➤ 45 Countries supported</li> <li>➤ No Apple CarPlay / Android Auto support</li> <li>➤ TomTom Services supported</li> </ul>
GEN 4.0		<ul style="list-style-type: none"> <li>➤ 45 Countries supported</li> <li>➤ Apple CarPlay / Android Auto support (VF)</li> <li>➤ No TomTom Services support</li> </ul>	<ul style="list-style-type: none"> <li>➤ 45 Countries supported</li> <li>➤ Apple CarPlay / Android Auto support (VF)</li> <li>➤ No Tomtom Services support</li> </ul>
GEN 5.0		<ul style="list-style-type: none"> <li>➤ 46 Countries supported (New: <b>Malta</b>)</li> <li>➤ Apple CarPlay / Android Auto support (All cars)</li> <li>➤ Tomtom Services supported</li> </ul>	<ul style="list-style-type: none"> <li>➤ 47 Countries supported (New: <b>Cyprus</b>)</li> <li>➤ Apple CarPlay / Android Auto support</li> <li>➤ TomTom Services supported</li> </ul>

## 2. Map database changes

---



Coverage attribute	2018 Map update	Improvement vs. 2017
Road Geometry (km)	2.177.261	+ 393.960
Street Names (count)	3.718.016	+ 558.231
Addressing (count)	137.660.393	+ 8.834.648
Highways (count)	36.134	+ 6.804
One Way Streets (count)	431.484	+ 76.969
Roundabouts (count)	111.964	+ 17.957
Speed Limits (count)	1.896.048	+ 620.372
Turn restrictions (count)	614.678	+ 298.143
Sign Information (count)	275.067	+ 71.051
Points of Interest (count)	9.727.933	+ 850.504

### 3. Software overview



Platform	Vehicle	Software version	Map database ver.	New features
<b>GEN 1.x</b>	TF, UB, JD, XM FL, RP, TF FL, SL FL, YN, ED, SL, XM	SW 7.8.3	117E7AC	➤ ECO Data removed
<b>GEN 2.0</b>	UM, YN, UB, GB, TA, JD, JD S/P, JF, QLe, UM17MY	xx.EU.SOP.20.178	EUR.10.48.54.001.001(D.D2)	➤ TomTom Live Services
<b>GEN 4.0</b>	PS, TF FL, TF FL HEV, PSEV, UM, PSEV17MY ('16.7), UM17MY ('16.10)	ST.xx.EUR.E530.170925	EUR.09.41.43.712	Only for UM, PS, VF: ➤ Android Auto ➤ Apple CarPlay
<b>iAVN</b>	PS, JF_PHEV, JF Wagon, JF_PHEV_WGN, JA, YB, RP, DE_HEV, JF_17MY, JD_17MY, QL_17MY, JD_17MY_WGN	XXX.EUR.SOP.005.170927	EUR.09.47.50.582.002.2(D.C1): Normal / HEV Europe  EUR.09.47.50.582.002.2(D.C1/E.C1): EV / PHEV Europe	➤ TomTom Live Services ➤ Android Auto ➤ Apple CarPlay

## 4. Map changes - GEN1.x



**Map version:** 117E7AC > Gen1.x

Mayor changes	Details
<b>Change source data</b>	<ul style="list-style-type: none"><li>➤ HERE Map DB: 15Q4 → 17Q1</li><li>➤ HERE Traffic Pattern: 15Q4 → 16Q4</li><li>➤ HERE HYUNDAI/KIA POI: November 2016</li><li>➤ ZENRIN Junction View: 15Q4 → 17Q1</li></ul>
<b>Countries covered</b>	<ul style="list-style-type: none"><li>➤ 45 Countries</li></ul>
<b>Reflect the cost of Route – Planning data</b>	<ul style="list-style-type: none"><li>➤ Reflect the cost of Route-Planning which is tuned for unpaved road of Northern Europe including Iceland</li></ul>
<b>Fixed the house-number for POIs</b>	<ul style="list-style-type: none"><li>➤ Fixed using matching table because the actual house-number for POIs was not applied to latest map version</li></ul>
<b>Modify the multilingual name of gas station for POI</b>	<ul style="list-style-type: none"><li>➤ Changed the name of the gas station in Swedish: Bensinstation → Bränslestation</li></ul>

## 4.1 Map changes – GEN2.0



**Map version:** EUR.10.41.54.001.001 > Gen 2.0

Mayor changes	Details
Change source data	<ul style="list-style-type: none"><li>➤ HERE Map DB: 15Q4 → 17Q1</li><li>➤ HERE Traffic Pattern: 15Q4 → 16Q4</li><li>➤ HERE HYUNDAI/KIA POI: November 2016</li><li>➤ HERE Hydrogen Station POI: 15Q4 → 17Q1</li><li>➤ ZENRIN Junction View: 15Q4 → 17Q1</li></ul>
Countries covered	<ul style="list-style-type: none"><li>➤ 45 Countries</li></ul>
Apply to latest border crossing data	<ul style="list-style-type: none"><li>➤ Apply to the data from HMETC</li></ul>
Modify the Near-by search data	<ul style="list-style-type: none"><li>➤ Modify the Near-by search data, because POIs of Travel Category can not search at all</li></ul>
Reflect the cost of Route – Planning data	<ul style="list-style-type: none"><li>➤ Reflect the cost of Route-Planning which is tuned for unpaved road of Northern Europe</li><li>➤ including Iceland</li></ul>
Modify the multilingual name of gas station for POI	<ul style="list-style-type: none"><li>➤ Changed the name of the gas station in Swedish: Bensinstation → Bränslestation</li></ul>

## 5. Map bugfixes – Gen 4.0



### Map version: EUR.09.41.43.712(17 Q1) > Gen 4.x

Changes	➤ 45 Countries covered	➤ Keep left but need "turn right" at right side curved point > fixed	➤ Improved elevation contour quality > fixed	➤ Applied guidance by checking NOTHRU PROHIBIT
	➤ Improved to load several missed or mismatched transliteration language street name of POI > fixed	➤ No guidance but need "keep on the left lane and turn left"> fixed	➤ Made Cyprus as non-target country > fixed	➤ Fixed error texts are displayed on 10km scale
	➤ Fixed error unnecessary polygon > fixed	➤ Change service area route guidance > fixed	➤ Changed wrong sharply right turn RG to left turn > fixed	➤ Fixed error duplication house number
	➤ Improved route guidance load missing RG at IC > fixed	➤ Fixed not loaded complex polygons on 7 level > fixed	➤ Delete city text in ocean	➤ Improved admin texts
	➤ Fixed background of island oLevel world map.> fixed	➤ Added far east Russia territory > fixed	➤ Display Madrid text on 1000KM scale	➤ Improved RG not to guide STF → STF link at round about
	➤ Improved not to load unnecessary country border > fixed	➤ Delete PJ-C forward direction when exist PJ-M and PJ-C by spec > fixed	➤ Deleted RG in an abrupt turn road of mountain area > fixed	➤ Improved RG to not to load duplicate guidance at the IC and PJ-M link
	➤ Improved not to overlapped flag > fixed	➤ Changed spec rest area POI > fixed	➤ Increased the number of road number	➤ Ramp average speed patch to original value
	➤ Improved not to load unnecessary land polygon> fixed	➤ Polyline to improve display highways on upper level	➤ Improved river not to disconnected	➤ Added search data for common postal code of unnamed road

## 5.1 Map bugfixes – iAVN



### Map version: EUR.09.47.50.581(17 Q2) > iAVN

Changes	<ul style="list-style-type: none"><li>➤ 46 Countries covered</li></ul>	<ul style="list-style-type: none"><li>➤ Improved not to display road sign symbol &gt; fixed</li></ul>	<ul style="list-style-type: none"><li>➤ If several official names exist for one city name, improved to display the its own country's language name firstly</li></ul>	<ul style="list-style-type: none"><li>➤ Polyline to improve display highways on upper level</li></ul>
	<ul style="list-style-type: none"><li>➤ Deleted internal border of UK between England, Scotland, Wales and Northern Ireland &gt; fixed</li></ul>	<ul style="list-style-type: none"><li>➤ Added Russian language in Belarus for search</li></ul>	<ul style="list-style-type: none"><li>➤ Fixed error unnecessary polygon</li></ul>	<ul style="list-style-type: none"><li>➤ Fixed Mismatching NRT symbol</li></ul>
	<ul style="list-style-type: none"><li>➤ Deleted lane connectivity information &gt; fixed</li></ul>	<ul style="list-style-type: none"><li>➤ Lower level to prevent city ENG or RUS mode text is present on the ocean and loaded only on lands or islands</li></ul>	<ul style="list-style-type: none"><li>➤ Improved route guidance load missing RG at IC</li></ul>	<ul style="list-style-type: none"><li>➤ Improved not to load unnecessary land polygon</li></ul>
	<ul style="list-style-type: none"><li>➤ Improved RG point at IC with special explication point &gt; fixed</li></ul>	<ul style="list-style-type: none"><li>➤ Improved possible to search street name after premium postal code filter in Netherlands and UK</li></ul>	<ul style="list-style-type: none"><li>➤ Fixed background of island oLevel world map</li></ul>	<ul style="list-style-type: none"><li>➤ Improved city names are listed in twice by merging admin code (ie: Stockholm in Sweden, Turku in Finland, etc.)</li></ul>
	<ul style="list-style-type: none"><li>➤ Improved to add turn RG at the intersection by specifying the spec. &gt; fixed</li></ul>	<ul style="list-style-type: none"><li>➤ Improved to load several missed or mismatched transliteration language street name of POI</li></ul>	<ul style="list-style-type: none"><li>➤ Improved not to overlapped flag</li></ul>	

## 6. Software Changes

---



Platform: SW 7.8.3> Gen 1.x

### Change

#### Content

- The Icelandic letter **"þ"** modified from "P" to **"T"**
- Route planning algorithm improved for Northern Europe and Iceland
- Latest house-numbers for POIs updated
- Swedish word for gas station updated: Bensinstation à Bränslestation

## 7. Software Bugfixes



Platform: SW xx.EU.SOP 178> Gen 2.0

### Content

### Change points

- **[Edit]** option added for SWRC mode
- An option added to turn **On/Off** the OSD display when changing songs from Media
- **[Help]** added in the settings
- Pressing the phone key on the SWRC to run the BT pairing procedure directly when there is no paired phone
- Repeat and shuffle button separated in Media
- Russian language updated to display USB media tag information
- Hyundai Service POIs updated
- EU Maps - Road signs updated
- Anti-hacking system updated
- BT hands-free performance improved for DM and QL
- Reverse warning priority added

## 7.1 Software Bugfixes



Platform: ST.xx.EUR.E530.170925 >  
Gen 4.x

### Content

### Change

- Apple Car play and Android auto introduction into **UM, PS carlines**
- System SW size reduced to **~7GB**
- Track list not updated in MY Music after entering the MY Music
- Removal of 3rd Party app features
- When CP call active, system does not show OSD message for Seek Up / Down
- When Home Screen Displayed no OSD message to be displayed
- OSD layout has no Eclipsis Property
- Incoming call OSD cleared when in Rear Gear
- Car Performance improved during high System load
- Removal of 3rd Party app features
- When Map HK is pressed, OSD does not clear

## 7.2 Software Bugfixes



Platform: SW SOP.005.3.170927 > iAVN

### Content

#### Change points

- BT hands-free performance improved for QL
- RDS display and station list display algorithm in Radio improved
- Delay occurs when switching to radio screen
- Reverse warning priority added
- Added the Regional function in radio
- Green car, fuel efficiency display changed to 3-digit
- EU dealer mode added
- Low battery display spec changed
- DE PHEV: 25% or less, low battery color displayed
- Others: less than 25%, low battery color displayed
- Mute icon for CarPlay added on the status bar
- **[iAVN]** HeadLamp warning PU deleted.
- **[iAVN]** EU CK external amp model, ASD (Active Sound Design) feature added
- **[iAVN]** Help button in Drive mode settings removed
- **[iAVN]** Rear camera driving view added