# Navigation Update User Guide

HYUNDRI MOSOFT

| Business 1 Team | Hyundai Mnsoft | Dec, 2016

## **Process Chart**



① Dealership must have the pc tool and USB.

② MMI will verify the input information and pass it to HMNS server in order to obtain the activation code.

③ Dealers can get the activation code through india.map-care.com.

④ Dealership MUST back-up the POI(point of interest) from the SD card for i20 only.

⑤ Once you receive the map update USB, please back-up the data into your personal computer.



## Memory type by vehicles



\* In case of SD card(i20), Dealer must back-up the customer's POI(point of interest) in your computer before formatting the SD card.





This Software requires the following technical requirements:

- ✓ Guarantee for Windows XP 32Bit, Windows 7 32Bit only
- ✓ Free Hard Disk space of 12GB
- ✓ HMNS Service Tool Kit (STK)
- ✓ **SD-Card reader** (either already installed at computer or a separate device)
- ✓ Internet Connection



# Getting an activation code

HYUNDRI MOSOFT

## Getting an Device ID from AVN

① When consumer visits dealer	② Find the Device ID from AVN
• Customer visits dealer to get a map update • • • • • • • • • • • • • • • • • • •	<ul> <li>Version Information</li> <li>Application Version PID.IND.HMC.150805.77518 DeviceID: 7283410172</li> <li>Map Data Version IN.07.50.71.002</li> </ul>
1) Dealer turns on the customer's AVN	<ul> <li>2) For example DMi navigation unit</li> <li>Push Navi Button → Select Settings Icon → Select</li> <li>Reset/Info Icon → Select Version Information Icon</li> <li>* Find Device ID</li> </ul>



## How to find the DeviceID from AVN

for a better driving experience... every move, every moment

 $\leftarrow$ 



### ① Go to "Menu"



3 Go to "Reset/info" and Version Information

## ② Go to "Settings"



#### ④ Find the "DeviceID"



## Visit the website and obtain the UUID & activation code



#### Santa Fe | Creta | i20 | Verna

Hyundai Motor India Limited (HMIL) being the second largest car manufacturer of India, introduced Navigation arrangements in it's multiple product offering: - Santa Fe, CRETA, i20 etc. Purpose of this web page information is to offer better navigation experiences to all Hyundai End user as per mutually agreed terms & condition

Name:		
Mobile:		
E-mail:		
Model:	Select	•
Car Plate No:		
*Purchase Y/M:	Date 💌 Month 💌 Year	•
<b>*VIN:</b> (Vehicle Identification Number)		
*Device ID:		?
	Submit	



#### ① Access the Website(<u>india.map-care.com</u>)

② Input customer's information, VIN, Purchasing Date and DeviceID

**\*** Hyundai Provides one free yearly update within three years of vehicle purchase date.

MnSOFT



G	et the Authentication Key
Device Id:	2883560001
Activation Code:	2246-6NJR-ZL6Y-XLQV
Free Ma Please input the deviceID, UUID	ap Updates: Remaining 1 times and Activation code to Authentication program.
If you don't have the authentica	tion program, please download it.
You can also update the map in	Hyundai 3S dealership.
For more information, please ca	ll helpline No. 011-43953000

Download

#### Santa Fe | Creta | i20 | Verna

**Hyundai Motor India Limited (HMIL)** being the second largest car manufacturer of India, introduced Navigation arrangements in it's multiple product offering: - Santa Fe, CRETA, i20 etc. Purpose of this web page information is to offer better navigation experiences to all Hyundai End user as per mutually agreed terms & condition



③ Once you input all information and click the submit button, you will see the DeviceID and Activation code.



# Update GS/GS+/RB/RB+/IB+ GS(Creta), RB(Verna), IB(i20)

HYUNDAI MOSOFT

## • Compatibility table GS/GS+/RB/RB+/IB+

		Map version		Software version		
Company	venicie fear		Old	New	Old	New
Motrex	GS	2016	IN.08.47.52.550	IN.09.47.51.510	PIO.IND.HMC.151208. 83591	MOT.IND.HMC.161215.100905
Motrex	GS+	2016	-	IN.09.47.51.510	-	MOT.IND.HMC.161215.100905
Motrex	RB	2016	IN.08.47.52.550	IN.09.47.51.510	PIO.IND.HMC.151208. 83591	MOT.IND.HMC.161215.100905
Motrex	RB+	2016	-	IN.09.47.51.510	-	MOT.IND.HMC.161215.100905
Motrex	IB+	2016	-	IN.09.47.51.510	-	MOT.IND.HMC.161215.100905



- Have your USB Master kit handy that includes new software versions for different vehicle models and a new map update
- Getting ready
  - ① Get the device ID from car navigation system
  - ② Go to website(http://india.map-care.com) and get the activation code
  - ③ Prepare "update USB stick" (minimum 8GB)



## **Update** GS/GS+/RB/RB+/IB+

### STEP 1: Check the update file in USB Stick

- Insert "update USB stick" in computer (8GB)
- Make sure that all the files are in the USB as right side

#### STEP 2: Run application software from your PC

• Run "SerialNumber\_ENG.exe" from PC

- (1) Select the USB Drive
- (2) Input Device ID 10 digits (from customer's vehicle)
- (3) Enter the Activation Code (retrieved from website)
- (4) Click on Activation button

In USB Stick
이름
\mu AUTH_TOOL
퉬 Bin
SYSTEM
퉬 UpdateFiles

💐 Authentication Program for SerialNu
(1) Select Drive Select the Drive Select the Drive T
(2) Device ID Input Device ID (10 Digits)
(3) Activation Code
HYLINDRI MOSOFT Activation Cancel (5)



# **Update** GS/GS+/RB/RB+/IB+

### # Result (Example)

🗨 Authentication Program for SerialNu 💶 💷 💻 🌉	💐 Authentication Program for SerialNu 🗖 🖻 🕺
(1) Select Drive Select the Drive : F: Drive (7.5 GBytes)	(1) Select Drive Select the Drive : F: Drive (7.5 GBytes)
(2) Device ID Input Device ID (10 Digits)	Information
3726614232	Make hmnsdat complete.
- (3) Activation Code Input Activation Code	ок
224C - 5NQ2 - KWHT - H3ZW	224C - 5NQ2 - KWHT - H3ZW
HYUNDRI MOSOFT Activation Cancel	HYUNDRI MOSOFT Activation Cancel
STD.4.X/PRE2.X/EUAVN2.0	STD.4.X/PRE2.X/EUAVN2.0





### # Result 2(Example)

• Check inside Bin folder in USB





Plug the USB memory stick in the USB slot. Navigation system and navigation data will be upgraded automatically









#### Check the MAP version information (Refer to the Slide No.7)





#### Check the System version information

(Press and hold the set-up button on the AVN control panel. You can see the Version information)





## **Recovery Mode**

- 1. Turn off the AVN, insert USB and power on
- 2. When you see the booting logo, long press the below button(20 sec)





RB/RB+



IB+

3. You can enter system recovery mode as below







## **Recovery Mode**

#### 4. Press the Force Update



5. Perform the upgrade SW automatically



Caution : Do not power off(engine off) during S/W update





# Update IB(i20) (SD Card)

HYUNDRI MOSOFT

## • Compatibility table IB

Composi	Vahiala	Veer	Map version		Software version	
Company	venicie	fedf	Old	New	Old	New
Motrex	IB	2016	IN.08.47.52.550	IN.09.47.51.510	PIO.IND.HMC.151208. 83591	MOT.IND.HMC.161215.100905



- Have your USB Master kit handy that includes new software versions for different vehicle models and a new map update
- Getting ready
  - ① Get the device ID from car navigation system
  - ② Go to website(http://india.map-care.com) and get the activation code
  - ③ Bring **"update USB stick"** (minimum 8GB)
- Before Map Update, System Update is required.(Please use SD Card kit)



• Applicable Vehicle

Model : Elite i20, i20 Active (IB/IB Cross) Applicable vehicle production date range : 01 Jun 2015 ~ 31 Jul 2016.

#### • Part Information

PART NAME	FIGURE	REMARK
SD Card	ELASSIC ELASSIC EC(SD Card) System(2017) * System must update first	Dispatched from Map My India. If not received the SD Card, Please contact Map My India.

#### Caution

- Size of the file will be approximately 2.79 GB.
- Do not modify, delete and write other contents to the SD Card.
- Ensure that during the Update the battery power supply is in a stable operational mode.
- Never switch off the car during the update process. Do not remove the SD Card while upgrade.
- Upgrade Time: 10~15min



## Update IB - System SOFTWARE UPDATE – i20 (SD Card)

#### • Service Procedure

1. Verify that the vehicle is an affected one by check S/W Version.

2. It is recommended to start the engine and turn on AVN system.

#### Caution

Make sure the AVN system is not switched off during upgrade procedure.





## Update IB - System SOFTWARE UPDATE – i20 (SD Card)

HYUNDAI

MnSOFT



## Update IB - System SOFTWARE UPDATE – i20 (SD Card)

MOTOR GROUP

every move, every moment

Procedure	Photo
Factory settings required after upgrade. Press the "Set-up" button " . Press the "System" button on the screen.	Setup Setup 2 NAV 3 COS DISP PV/R
In System settings screen Press <b>"Factory settings"</b> -Select <b>"All"</b> check box. Press the $\bigcirc$ button $\rightarrow$ Pop up $\rightarrow$ Press <b>"Yes"</b>	00:40 Factory settings ✓ All ✓ Phone ✓ Radio-Media-Sound ✓ Radio-Media-Sound
Turn off the Engine and reboot the AVN System. Check the functions Check the upgrade version and make sure once again. and Finish.	Firmware Version : IB.IN.PRO.10.826 Software Version : IB.IN.PRO.10.610281
	HYUNDRI MOSOFI



Dealer must back up customer's POI(point of interest) to dealer's computer before formatting. After map update, dealer must copy the customer's POI to updated SD Card. Path : SDMemory/Navi/Data/UserData





## Erase SD Card Content

٠

SDHC SDHC (F:)

- Take the memory card out of the navigation device
- Check that the Map SD is unlock ed
- Insert the card in the SD slot of your computer



Select SD card drive and click the right mouse button and click [Format]

Open in new window

٠

۲

ŝ,

Open AutoPlay...

Include in library

공유 폴더 동기화

Create shortcut

Rename Properties

AcroEdit로 편집

Share with

Pin to Start

Bitdefender

Eject

Cut Copy

Format...

Open

0

S



Click [Start] button

	Format SDHC	(F:)	×
Capacity:			
14.9 GB			۷
<u>F</u> ile system			
FAT32 (De	efault)		~
Allocation u	init size		
32 kilobyte	es		4
Format of Quick	ptions Format e an MS-DOS start-u	ıp disk	
		Close	

- Start format by clicking [OK]
- When format is done click [OK]
- Duration: < 5 sec



SD card reader is needed. (computer SD slot or external reader)



## Copy Map Update Data on SD Card

Properties







### STEP 1: Check the update file in SD CARD

• Insert "update USB stick" in computer (8GB)

이름

Navi

AUTH\_TOOL

• Make sure that all the files are in the SD CARD as right side

유형

파일 폴더

파일 폴더

- STEP 2: Run application software from your PC
  - Run "SerialNumber\_ENG.exe" from PC

- (1) Select the SD Card drive
- (2) Input Device ID 10 digits
- (3) Enter the Activation Code (retrieved from website)
- (4) Click on Activation button

	In SD CARD	
크기	🍌 Navi ———>	<ul> <li>Bin</li> <li>Data</li> <li>license</li> <li>Text.Info</li> <li>nngnavi.exe</li> <li>Update.exe</li> </ul>
	Authentication Program for Ser (1) Select Drive Select the Drive : Select Drive	ialNu
	(2) Device ID Input Device ID (10 Digits)	
		ation Cancel



## # Result (Example)

🗨 Authentication Program for SerialNu 💶 💷 💻 🌉	💐 Authentication Program for SerialNu 🗖 🖻 🕺
(1) Select Drive Select the Drive : F: Drive (7.5 GBytes)	(1) Select Drive Select the Drive : F: Drive (7.5 GBytes)
(2) Device ID Input Device ID (10 Digits)	Information
3726614232	Make hmnsdat complete.
- (3) Activation Code Input Activation Code	ок
224C - 5NQ2 - KWHT - H3ZW	224C - 5NQ2 - KWHT - H3ZW
HYUNDRI MOSOFT Activation Cancel	HYUNDRI MOSOFT Activation Cancel
STD.4.X/PRE2.X/EUAVN2.0	STD.4.X/PRE2.X/EUAVN2.0





### # Result 2(Example)

#### • Check inside Bin folder in SD CARD





#### STEP 3: Check the new Navi version

- 1) Insert SD Card into customer 's navigation device and acc on
- 2) Push Navi Button
- 3) Select "Settings"



4) Select "Reset/Info"







#### STEP 4: Check the new Navi version

#### 5) Select "Version Information"



6) Check the new version





# Update AD(Elantra)/TL(Tucson) (SD Card)

HYUNDRI MOSOFT

• Compatibility table AD/TL

Company Vahicla		Voor	Map version		Software version	
Company	venicie	rear	Old	New	Old	New
Mobis	AD	2016	IN.08.47.52.550	IN.09.47.51.510	DAP.IND.ADi.160725.95282	DAP.IND.HMC.161222.101132
Mobis	TL	2016	IN.08.47.52.550	IN.09.47.51.510	DAP.IND.TLi.161103.99132	DAP.IND.HMC.161222.101132



- Have your USB Master kit handy that includes new software versions for different vehicle models and a new map update
- Getting ready
  - ① Get the device ID from car navigation system
  - ② Go to website(http://india.map-care.com) and get the activation code
  - ③ Bring "update USB stick" (minimum 8GB)



## Erase SD Card Content

٠

SDHC SDHC (F:)

- Take the memory card out of the navigation device
- Check that the Map SD is unlock ed
- Insert the card in the SD slot of your computer



Select SD card drive and click the right mouse button and click [Format]

Open in new window

٠

۲

ŝ,

Open AutoPlay...

Include in library

공유 폴더 동기화

Create shortcut

Rename Properties

AcroEdit로 편집

Share with

Pin to Start

Bitdefender

Eject

Cut Copy

Format...

Open

0

S



Click [Start] button

Format SDF	HC (F:)
Capacity:	
14.9 GB	~
<u>F</u> ile system	
FAT32 (Default)	~
Allocation unit size	
32 kilobytes	Y
Volume label Format options ✓ Quick Format ☐ Create an MS-DOS star	rt-up disk
Start	Close

- Start format by clicking [OK]
- When format is done click [OK]
- Duration: < 5 sec



SD card reader is needed. (computer SD slot or external reader)



## Copy Map Update Data on SD Card







# Update AD/TL

### STEP 1: Check the update file in SD CARD

- Insert "update USB stick" in computer (8GB)
- Make sure that all the files are in the SD CARD as right side

# 이름 Data LOST\_DIR

HKMC Navi.apk

(1) Select Drive Select the Drive :	Select Drive	•
(2) Device ID Input Device ID (10 Dig	jits)	
(3) Activation Code		
MnSOFT	Activation (5)	Cancel



## STEP 2: Run application software from your PC

Run "SerialNumber\_ENG.exe" from PC

- (1) Select the SD Card drive
- (2) Input Device ID 10 digits
- (3) Enter the Activation Code (retrieved from website)
- (4) Click on Activation button

# Update AD/TL

### # Result (Example)

🗨 Authentication Program for SerialNu 💶 💷 🗮 🌉	Authentication Program for SerialNu 📼 🖻 🕺
(1) Select Drive Select the Drive : F: Drive (7.5 GBytes)	(1) Select Drive Select the Drive : F: Drive (7.5 GBytes)
(2) Device ID Input Device ID (10 Digits)	Information
3726614232	Make hmnsdat complete.
(3) Activation Code Input Activation Code	ОК
224C - 5NQ2 - KWHT - H3ZW	224C - 5NQ2 - KWHT - H3ZW
MoSOFT Activation Cancel	HYUNDRI MOSOFT Activation Cancel
STD.4.X/PRE2.X/EUAVN2.0	STD.4.X/PRE2.X/EUAVN2.0



# Update AD/TL

# Result 2(Example)

Check inside of folder in SD CARD as below.
 → SDHC ▶ Data ▶ Nation ▶ IND ▶ Map



After, Created hmnsdat file in Map folder





# Update DM(Santa Fe)

HYUNDRI MOSOFT

## • Compatibility table DM

	Vahiala	Year	Map version		Software version	
Company	venicie		Old	New	Old	New
Motrex	DM	2016	IN.08.47.52.550	IN.09.47.51.510	PIO.IND.HMC.151208. 83591	MOT.IND.HMC.161215.100905



- Have your USB Master kit handy that includes new software versions for different vehicle models and a new map update
- Getting ready
  - ① Get the device ID from car navigation system
  - ② Go to website(http://india.map-care.com) and get the activation code
  - ③ Bring **"update USB stick"** (minimum 8GB)
- Before Map Update, System Update is required.(Please use System USB kit)



#### Notice

- This Update is System improvement for Santa Fe
- During Update, please follow the caution as below.
- If you have any question, please contact MOTREX Service Centre.

## -Please Discard Old Pen drive(USB)!! Do not use anymore.

## -MOTREX is not in charge of any problem caused by inappropriate use.

#### Caution

- Do not modify, delete or write any other contents.
- Ensure during the Update, the power of the battery should be supplied consistently.
- Do not switch off the car during the upgrade procedure.
- Do not remove USB & SD Card during upgrade procedure.
- It is recommended to start the engine and turn on AVN system.
- Upgrade Time : 5~30 min
- USB & SD Card will be dispatched from Motrex. If you did not receive, please contact Motrex.
- After the Update, please check completed Software version



#### • Applicable Vehicle

Model : Santa Fe (DM) Applicable vehicle production date range : 01 Jan 2015 ~ 31 Dec 2016.

#### • Part Information

PART NAME	FIGURE	REMARK
USB MEMORY STICK	Santa Fe System(2017) * System must update first	Dispatched from Map My India. If not received the USB memory stick, Please contact Map My India.

#### Caution

- Size of the file will be approximately 42.4 MB.
- Do not modify, delete and write other contents to the USB.
- Ensure that during the Update the battery power supply is in a stable operational mode.
- Never switch off the car during the update process. Do not remove the USB while upgrade.
- Upgrade Time: 10~15 min



#### • Service Procedure

1. Verify that the vehicle is an affected one by check S/W Version.

2. It is recommended to start the engine and turn on AVN system.

#### Caution

Make sure the AVN system is not switched off during upgrade procedure.





Procedure	Photo
Press the SETUP Button. Click the System.	VOLUME DISP SETUP MAP TUNE NAVI
Click the <b>Device Information</b> —> <b>Software Update</b>	Device Information System Default
Caution Message will be shown, Press the <b>"YES"</b> Button. Update will start Automatically.	e Would you like to proceed with the upgrade system? (System in a fatal error occurs during the upgrade, you turn off the ignition.) YES NO







Procedure	Photo		
<b>System Default required after upgrade.</b> Press the <b>SETUP</b> Button. Click the <b>System</b> button on the screen.	VOLUME DISP SETUP MAP TUNE NAVI		
Click the Device Information —> System Default	Software Update Device Information		
Turn off the Engine and reboot the AVN System. Check the functions Check the upgrade version and make sure once again. and Finish.	New Version information Software Version: DM-N3000D-AP-028 Micom: DM-N3000D-MC-027 OS: DM-N3000D-OS-010		



#### STEP 3: Method of entering update screen

- 1) Insert update USB into customer 's navigation device
- 2) Push Navi Button
- 3) Select "Settings"



## 4) Select "Reset/Info"









#### STEP 3: Method of entering update screen

5) Select "Version Information"



6) Long Press(10sec) "BACK" hardkey to move "Device Info" page

- Update Screen









#### STEP 3: Method of entering update screen

7) If below message is displayed, the wrong(input wrong code) authentication key is generated in USB.

Please run application software and generate the correct authentication key again.





### STEP 4: Update navigation system with update USB stick

1) Select "USB Check"



2) If there is no issue with the map in USB, "the update Navi" button will be activated.







### STEP 4: Update navigation system with update USB stick

3) Select "Update Navi"



4) It takes about 15~20 minutes to update. If update is done, automatically reboot the AVN.







### STEP 5: If you already updated the map with wrong authentication key.

- 1) Run application software and generate the correct authentication key again.
- 2) Go to Navi or Map Screen.
- 3) Press "OK" button.(then, automatically copy the correct authentication key from USB to Navigation.)



- 4) Go to Navi or Map Screen after re-booting(Turn off the ignition)
- 5) If the correct authentication key is copied, you can use the navigation. if not, try No.1 ~ 4 again.



#### STEP 5: Check the new Navi version

- Check if the update has been successful
- Push Navi Button  $\rightarrow$  Select "Settings"  $\rightarrow$  Select "Reset/Info"  $\rightarrow$

Select "Version Information"

🔅 Version Information	¢
Application Version	
MOT.IND.HMC.161215.100905	
DeviceID : 2883640001	
Map Data Version	
IN.09.47.51.510	

