AvMap Suite

The PC application to manage your AvMap EKP V

User Manual

Contents

AvMap
SATELLITE NAVIGATION

Your journey, Our technology

1. Introduction

The AvMap Suite is a PC application that helps you keeping your EKP V up-to-date and allows you customizing your contents and sharing them with your friends.

AvMap Suite helps you downloading contents from the AvMap server such as the latest software updates, user manuals, voices and the freshest maps.

Through the AvMap Suite you can also load on your EKP V other contents such as waypoint, flight plans and tracks to personalize your EKP V.

AvMap Suite makes it easier to share your saved contacts, routes and tracks with friends, as it helps exchanging contents from EKP V to PC and vice versa.

2. AvMap Suite installation

1. Download the AvMap Suite from www.avmap.it, and save it on your PC.
2. Unzip the downloaded file
3. Launch the executable file
4. Choose a destination folder to save it or use the default one
5. Accept the End User License Agreement
6. Click on the END button to complete the installation, a shortcut to the EKP V Suit will be created on your desktop
7. Choose the language: click on the correspondent check box, then click on "Set Language" button and confirm your choice by clicking Ok
8. The AvMap Suite will open up showing this message: 'Please connect the navigator and press Ok'

3. First connection

1. Connecting the EKP V to the PC

The Suite cannot be used unless the navigator is connected.

1. Unplug the EKP V from the power supply cable (if plugged)
2. Connect the EKP V to your PC, using the USB cable provided
3. Wait for the device recognition: when the operating system of your PC recognizes the navigator as a mass storage device (a splash screen showing the USB icon appears on the navigator's display),
4. Click OK on the AvMap Suite window.

2. Identifying your EKP V

When the application is opened for the first time, you are requested to insert the serial number of your navigator (you can find this code on the silver label inside the EKP V when you remove the Battery). This procedure is needed only the first time. AvMap Suite will recognize your EKP V and will ask you to Login.

3. User Log in / User Account Registration

Already a registered user?

If you already registered on the AvMap web site, use your AvMap account Login and Password that were

sent you via email at the time of the web registration.

Not a registered User? Register user account now!

If you never registered on the AvMap web site, you can create your user account now in order to have access to all the Suite functionalities.

ATTENTION! The navigator must be connected during the whole registration process.

4. Associating the navigator to the user

AvMap Suite will then ask if you want to associate the connected EKP V to your user account:

Click Yes, the AvMap Suite home page opens up.

This way, your EKP V is linked to your user account. Remember: you can have more than one device linked to your account, but a device can belong to only one user account.

AvMap Suite installed on a PC can be used to update more devices belonging to different users provided each user logs in with his own login and password.

5. My Account

You can see your name displayed on the top bar of the AvMap Suite; Click on My account to view your account details. In this page you can change your password and modify your data.

4. Basic Operations

4.1 Starting the Suite

The procedure described in par.3. is needed only the first time the Suite is started. Next time, you will just have to connect the EKP V to the PC and the Suite will be open up automatically by default, then you will just have to insert login and password to enter.

You can modify the start options of the suite, choose between:

1. "Automatically start when device is connected" this option starts the Suite automatically when your computer detects the navigator (default)
2. "Don't start automatically", this option lets you open the suite manually by clicking on its icon on the PC

4.2 Closing the Suite

To close the Suite:

1. Click on the Disconnect button next to the Navigator Image on the left part of the AvMap Suite Home page, and wait for the EKP V to be disconnected
2. Click on Exit on the upper right corner, and confirm by clicking yes

4.3 How to change the Software Language

You can change the language in the Suite at any moment:

1. Click on Settings on the bottom bar of the AvMap Suite
2. Click on Language

3. Choose the language, clicking on the correspondent check box

4. Click Back to exit

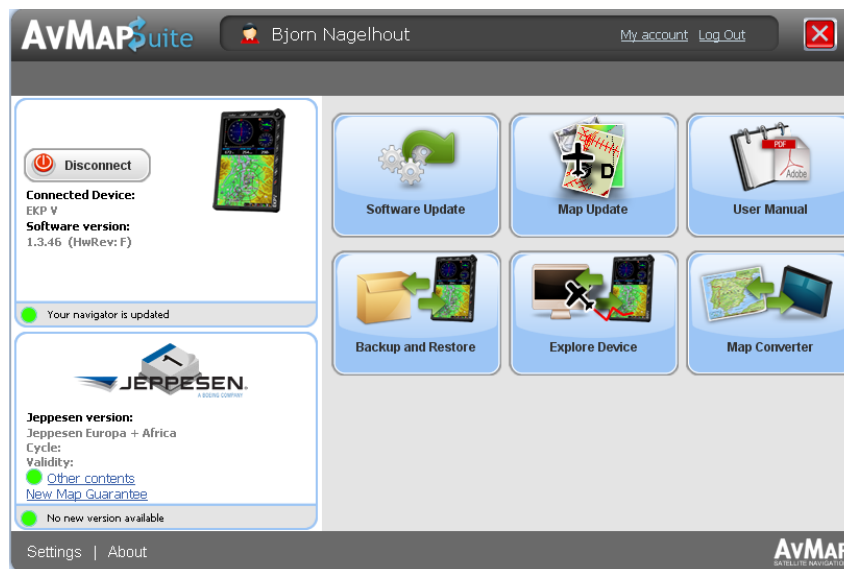## 4.4 Reading the Suite Main Menu: is your navigator up-to-date?

The Suite is able to detect your navigator specific model, and to understand which software version and which maps (version and coverage) are preloaded. The Suite informs you when a new software version or a new map is available for your EKP V (Green Light = Ok - Red Light = Obsolete). All these info are displayed in the left part of the AvMap Suite main menu.

5. Updating the EKP V Software (FREE)

Keeping your device' Software up-to-date is important for a safer and better navigation experience. AvMap releases periodically free software updates for its navigators.

The AvMap Suite informs you each time a new software version for your navigator is available. The software update is downloaded automatically by default, but you can change the settings and opt for a manual update.

5.1 Updates options

You can choose how to handle the software update: automatically or manually, both for the Suite application and for navigator.

1. Click on Settings on the bottom bar of the AvMap Suite

2. Click on Updates Options

3. Choose between two options by clicking the correspondent check box:

   • "Automatically download the updates and notify me to install them", so that the updates will be downloaded automatically when you open the application. You will see the '1' on the Software update button click on it to install it

   • "Notify me about the updates, without downloading automatically", this way, a message in the main menu

of the Suite informs you when they are available, but you will have to click on the Software update button in order to download it

4. Click done to exit

5.2 Automatic download of the update

When a new software update for the EKP V or for the Suite has been automatically downloaded, you will see the Software update button marked by '1' click on it to install the update.

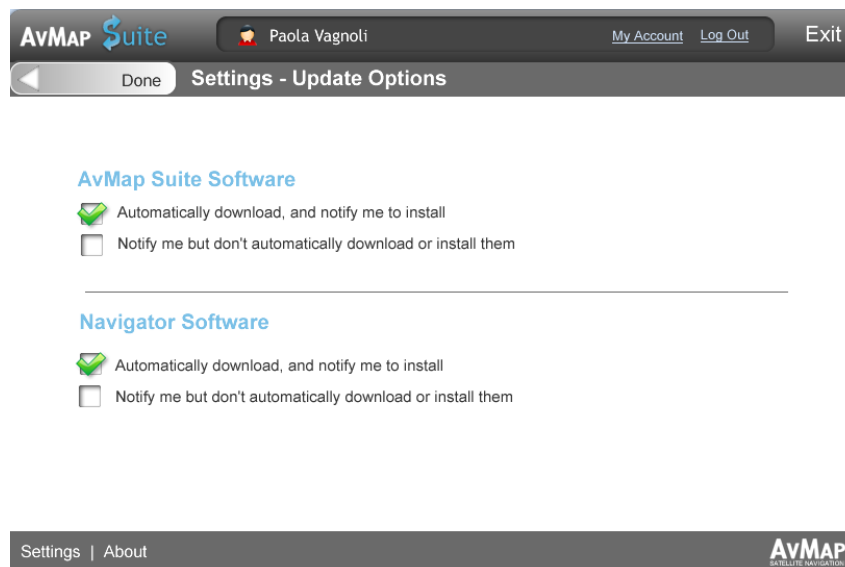## 5.3 Manual download of the update

When the software box in the left side of the AvMap Suite main menu shows the red light and the message 'Your navigator is not updated', or the upper grey bar shows an update available for the Suite,

1. Click on the "Software Update" button

2. Read the release notes of the update describing improvements and fixed bugs

3. Start the download, clicking on the "Download" button

5.4 Installing the Software Update

Both in the case you have chosen the automatic download or the manual download, follow this procedure to install the Software update:

1. Click on "Install" button to install the software in your device

2. At the end of the installing process, please follow the procedure that appears on the screen:

3. Locate the reset hole in the lower part of the navigator

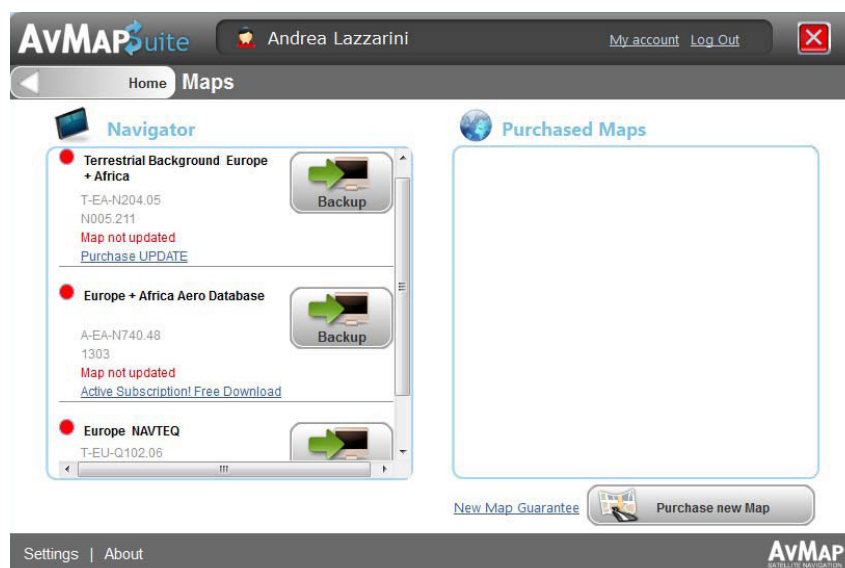4. Insert a pointy object in the hole

5. Release the Reset hole

After the software has been updated, it's better to restart the Suite.

6. Updating the maps

6.1 Downloading the new maps

The Suite is able to detect whether your map is up-to-date or if a newer version is available. When a new version is available, a message will appear in the left part of the Suite main menu. You can buy the map only if you are logged in (otherwise the Map update button is disabled):

1. Click on the Map Update button: the Management page is divided into two parts: the left column shows the maps present in the navigator, while the right column shows the purchased maps (downloaded in the PC). For each map it is displayed Name, version and a status light: if the map us still up-to-date the light is green, if the map is obsolete the light is red, and a "Purchase update" link appears.

2. To update the map with the latest available version, click on "Purchase update" , the new available map will be displayed.

3. Click on Download.

4. The Shopping Cart page opens up: choose the payment method (Credit Card or PayPal).

5. The Shipping Address page opens up: fill the form in order to receive a regular the invoice, then click on "Send Order" button.

6. The Payment page opens up: you have to fill in your credit card or PayPal data, in order to finalize the purchase.

7. Proceed and click on "Download Map".

Problem Resolution:

If a download is not completed because of an interruption of the connection, you will find the purchased map in the Map page of the Suite, and you will be able to download it again.

Purchasing a new map with different coverage

It is also possible to buy new maps, with a different coverage than the one preloaded on your navigator.

1. Click on the "Map Update" button

2. In the Management page click on "Purchase a new map" in the bottom right corner of the Suite
3. Choose the desired Map (Jeppesen or Street Map)
4. Click on "Download".
5. The Shopping Cart page opens up: choose the payment method (Credit Card or PayPal). Click on the "Checkout" button to continue.
6. The Shipping Address page opens up: fill the form in order to receive a regular the invoice, and then click on "Send Order" button
7. The Payment page opens up: you have to fill in your credit card or PayPal data, in order to finalize the purchase.
8. Proceed and click on "Download Map".
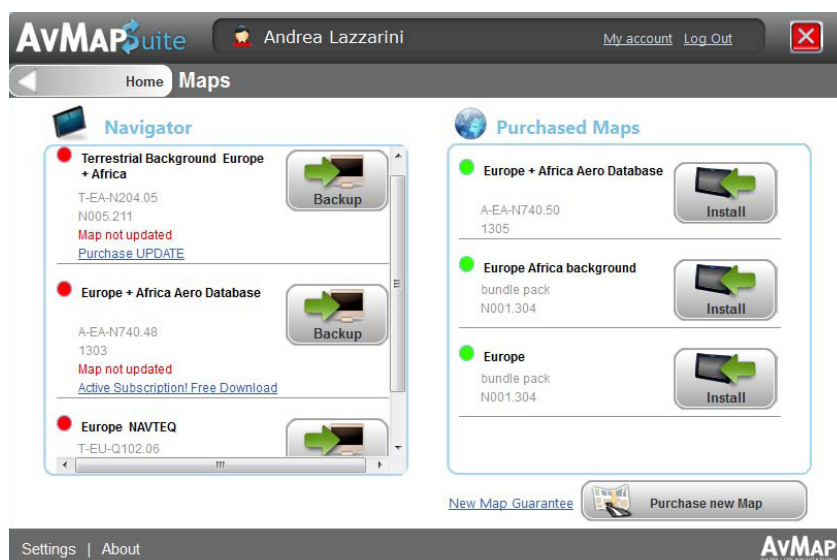
6.2 Loading the new map on your EKP V

Click on the Map button in the Suite to open the Map Management page.

Before installing the new maps, backup the old map version:

1. In the left column click on the "Backup" button for each obsolete map.
2. After the back up, the "Delete" button will appear next to each map. Click on "Delete" to free space on your micro SD card. This way the map will be deleted from the navigator memory card, but it will be saved on your PC, so it will be always possible to use it again.
3. In the right column click on the button "Install" next to the newly downloaded map. When the process is complete, the new map should be displayed also in the left column of the page (content of your navigator).

ATTENTION: when buying an update, more than one file could be downloaded; in that case it is very important to install all the files for the correct functioning of the navigator. E.g. make sure you install both the Europe + Africa Aero database and the Europe + Africa background.

At the end of the procedure all the new files should be displayed also in the left column of the Map management page.

6.3 New map Guarantee for terrestrial data

You have 30 days from the first use of the navigator to register it, download the Suite and check whether there is a free map update available for you.

Attention: in order to take advantage of the new map guarantee, you have to open the Suite within 30 days from the first use of the navigator (first gps fix acquisition at a certain speed). You can download only one free map update.

Moreover, each time you buy a map, if a newer version is released within 30 days form your purchase, you are granted the update for free.

In both cases, if a free update is available for you, a green rosette icon will appear in the map box, together with a link to download the latest map available for free.
We suggest you to connect your navigator to the PC frequently in order not to loose this promotion.
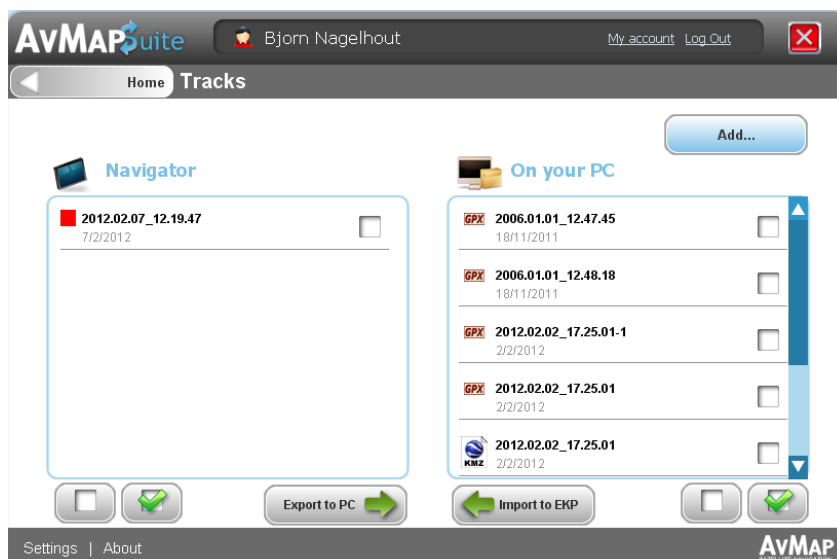
In case you already have the latest available map, or more than 30 days have passed from the first use of the new navigator or new map, then you won't see any rosette.

If the Suite shows a yellow map status light, it means that it is not possible to detect the map status as the navigator has never been used (it has never registered a gps fix acquisition at a certain speed); in this case please use first the navigator, and then connect it again to the PC.

7. Managing your contents

7.1 How to Transfer contents from EKP V to PC and viceversa

You can explore the contents of your EKP V such as flight plans, User Marks and recorded tracks and save them in your PC in order to share them with friends. You can also add contents from your PC to the EKP

V.

1. Click on the Explore Device button. The left column lists the content of your EKP V, while the right column shows the items saved in your PC

2. Click on the links on the left to display the desired contents of the EKP V (User marks, Tracks, Flight plans)

3. Save them on your PC clicking on "Export to PC" button

The Suite will create:

- A unique GPX file for all your saved User marks

- A GPX and KMZ file for each saved track

- A GPX and FDX file for each saved Flight plan

The files will be created inside the C:\Documents and Settings\[PC_username]\Documents\EKP V\ folder. You can choose a different destination folder in the Settings menu, in the "Destination Folders" page. This content can be imported in another EKP V.

You can also add contents (User marks, Tracks, Flight plans) from your PC to your EKP V:
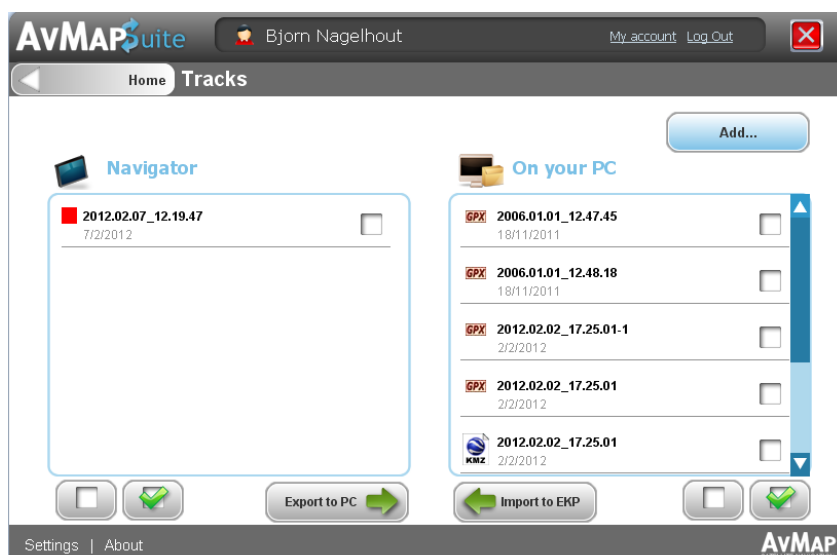
1. Click the "Explore Device" button: a window will open up showing the contents of your PC

2. Click the "Add" button to browse other folders in your PC

3. Choose the file to transfer (GPX file with contacts, GPX or KMZ file with Tracks or XML and FDX files with Flight Plans)

4. Click the "Import to EKP" button to transfer the file in your EKP

7.2 Import or export Flight Plans

AvMap suite allows to export/import your flight plans to/from the PC so that you can view them on Google Earth or many other Flight Planning software, and share them with friends. The supported formats are .gpx (Google Earth) and .fdx (Seattle Avionics Voyager).

How to export a flight plan:

1. Click on the Explore Device button, and click on the Flight Plan link on the left. In the left column you can find

the flight plans saved on your EKP V, while in the right column you can find contents saved in your PC

2. Select a Flight plan. You can select all the flight plans by clicking on the checked box below the left window, or deselect all by clicking the unchecked box below the left window

3. Click the 'Export to Pc' button, you will see two the files appearing in the right column: the flight plan will be saved both in .fdx and in .gpx format to your PC

You can select all the flight plans by clicking on the checked box below the left window (deselect all by clicking the unchecked box below the left window).

How to import a flight plan:

1. Vice versa, to import a flight plan from the PC to the EKP V select the .gpx or .fdx file from the right column. You can select all the flight plans by clicking on the checked box below the right window, or deselect all by clicking the unchecked box below the left window

2. Click the 'Import to Pc' button and you will see the file appearing in the left column. The Flight plan will be imported to your EKP V and will be immediately available in the FP page of the unit

7.3 Changing the Destination folder

You can choose the destinations folders on your PC in order to store the files when you:

1. Download manuals from the AvMap server

2. Backup the SD card

3. Add contents to PC from navigator and vice versa (User marks, Tracks, Flight plans)

The default folder is named "EKP V" folder and it is automatically created on your PC (C:\Documents and Settings\[PC_username]\Documents\EKP V\) when the Suite is installed.

To choose a different folder on your PC:

1. Click on Settings on the bottom bar of the AvMap Suite

2. Click on Destination Folders

3. Click "Browse" to set the destination folder in your PF for each kind of content

4. Click on Restore Default to go back to the default EKP V folder

7.4 How to add your custom maps

Click on the MapConverter button to convert and load on the navigator custom maps created with Google Earth or other mapping software (e.g. OziExplorer).

Click on Map Converter manual to download detailed instructions about this feature.

8. How to backup

You can save all the contents present in your SD (Software, map, license and user contents) on your PC and restore it, in case you have some problems with your device. We advice you to keep an updated backup of your data in your PC.

You can use the default folder for backup or set a different one.

Important! You must be sure that there is enough space on your PC to save all contents of your SD card!

1. Click on the "Backup" button on the Suite main menu

2. In the right window you will see the contents of the backup folder in your PC

3. If you want you select another folder on your PC, click "Search button"

4. Click on the "Backup" button and confirm
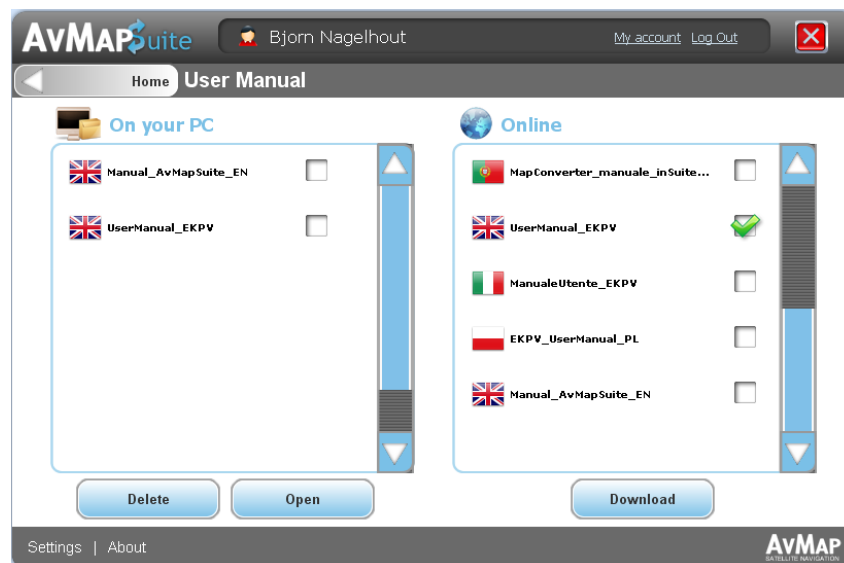
8.1 How to restore a Backup

If you want to restore the contents in your EKP V after selecting the correct folder in your PC, click on the Restore button and confirm.

Important! Do not disconnect your navigator during backup and restore processes!

9. EKP V User Manuals

Through the Suite, you can download the latest EKP V user manuals. As the manuals are periodically updated, we recommend you to get the latest version, in order to find out all the new functionalities of your navigator.

1. Click "User manual" in the Suite main menu. In the right side of the page, you can see all the manuals available online
2. Select a manual
3. Click on "Download" and click yes in the pop up message

When the download has been completed, you can see it in the left side of the page, (the manual is saved in the EKP V folder).

To can read it immediately select it and click "Open".

To delete it, select it and click "Delete".

10. Updating the AvMap Suite

You can update AvMap Suite application when new versions are available.

Depending on the choice made in the Setting page, you can download the updates by clicking in the information link that appears in the main page (in the upper grey bar) or you can choose to download and install them automatically.