



ACC NavVision licences Manual

Automation Competence Center

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References

N/A

Introduction

The NavVision program works with special dongle-keys which provides a licensing system by which only obtained modules of the system will be available. To open this modules for a project of a single key it is necessary to apply licence information to the system. These licenses can be obtained at Imtech through a special procedure which will be described in this manual

About the installation manual

The installation manual contains the following chapters:

- Chapter “Keys” presents information about use of keys in the system
- Chapter “licenses” gives an instruction on how to obtain and install licenses.
- Chapter “exceptions” contains an overview of the main exceptions and technical data.

Abbreviations list

Safety instructions

NOTE:

This section provides only a summary of the most important safety requirements and notes, which will be mentioned in the individual sections. To protect your health and prevent damage to the devices, it is essential to read and carefully follow the safety instructions.

The indications NOTE, CAUTION and WARNING have the following significance:

NOTE:

An operating procedure, practice or condition etc., which it is essential to emphasize.

CAUTION

An operating procedure, practise or condition etc., which, if not strictly observed, may damage or destroy equipment.

WARNING

An operating procedure, practise or condition etc., which, if not carefully observed may result in personal injury or loss of life.

Revision history

Revisions issued since publication.

Issue	Date	Revision	Reason
1.1.20	March 5, 2014		First release

1. Keys

1.1 Introduction

NavVision is protected by the use of usb-dongles. These dongles, together with a unique license number, will open the viewers, communication etc. on the system for the specific computer that contains the key and the licenses.

1.2 Starting

When a project is started, keys will be provided for every workstation. Initially these keys will be empty. No licenses will be attached to the key, nor will there be a project number connected to the keys.

To get the proper licenses for these keys, an application need to be made to obtain a project number for these keys. With this project number you will get access to the license system to obtain the right licenses for the specific keys. To get a project number you will need to send an Email to Stefan.Verdel@imtechmarine.com. This Email must contain the following information:

- Own project number
- Installation (build, ship's name or other identification)
- The number on the keys that you are going to use
- Customer- client information (if not yet available)

A new password will be created in the license-system and send to the client. Together with the project number it will provide access to the specific keys of the installation.

An installation is one ship/platform and contains 1 master key and, depending on the range, one or more sub keys for the other workstations. A project can consist of more than one installation.

2. Licenses

2.1 Website

Once you have obtained the project number and password you can log in on the website <https://service.freetechnics.eu/license/>. You will get the following screen:

Project:

Password:

Log In

Figure 2-1: login screen

Log in with the project number and the password that were provided to you. You will get to the page that shows the keys that were assigned to your project.

License keys

Key	Name	License
3479 ♠	DV 687	4987-5B1B-0FA0-F743
3480 (3479 ♠)	DV 687	1485-4660-0E1C-1DC2
3481 (3479 ♠)	DV 687	09A6-6074-F76A-3486
3482 (3479 ♠)	DV 687	4758-2EB3-33A5-D98F

Figure 2-2: license keys

Master keys are identifiable by the spades-sign behind the key number. Sub keys have the master key between brackets behind the key number.

2.2 Licenses

Once you click on a certain key, a new page will appear. Here you can identify the licenses that you need.

Licenses

Key code: 3412 → (Download .ini file)

License: 0ABB-D3E9-360F-A2AC

Project:

Keys in Installation: 3412

Add keys: Comma separated, e.g.: 2650,3377,3378

Name:

Comment:

Current Version 09.00.00

View Version: ▼

Email:

Amount	Serial	ArtCode	Comment
--------	--------	---------	---------

Figure 2-3: License key page

Here you will find your key code, the project number, name, comments, version number etc. Do not change anything here unless you are sure what you are doing.

Field	Explanation
Key code	Code of the key
License	License number
Project	Project number
Keys in installation	All the keys in the installation
Add keys	Add a key
Name	Name of ship or project
Comment	Comment
Current version	Current NavVision version
View version	Choose version
Email	Provide email
Adjust	Adjust (after changing licenses)
Print	Print the licenses
Email	Email the licenses
Back	Back

Table 2-1: license page explanation table

2.3 Heritage

In the license structure there are two possible ways to inherit licenses.

1. From master key to sub key: communication, configuration and interface licenses under the AMCS group, will be inherited from the master key.

2. Under the heritage structure it is possible that one license will free other, underlying licenses to all the other keys.

Licenses in the AMCS structure will free other underlying licenses. In the future these AMCS licenses will be the only licenses you need. Until then we will show all underlying licenses automatically in green as shown in the following picture:

Communication			
1	ZL7Z-2H94-UGVT	FTI0302C	Network Client
1	SAUZ-N9BX-X52T	FTI0302F	Network Client Fail Safe
1	WF6A-9478-JSN7	FTI0302S	Network Server
1	BSRM-K8E8-MF99	FTI06000	Nmea
<input type="text" value="0"/>		FTI06001	Wago Basic

Figure 2-4: heritage

3. How to add licenses

3.1 Introduction

Once you have obtained the keys and the password for the website it is time to assign the licenses to the diverse keys. For this it is important that you know what you need. In the new license system it will be a lot easier because you only have to choose a few things.

3.2 Licenses

For the master key (the one with the spade behind it) you will assign the main AMCS licenses for that key by choosing the FTI0500 AMCS Main Workstation (see Figure 3-1). While we have one main workstation in an installation, you can fill in "1" here.

If mimics are provided on the main workstation, you will have to choose the FTI05200 Mimic Main Workstation. Here you will assign how many mimics you want on the main workstation. Let's say you want 12 mimics, then you fill in "12" here (see Figure 3-2).

For the interfaces you need to fill in the amount of interfaces that you have in the installation. For the serial link you need to fill in all the serial links that are used in the installation. This includes two serial links per Moxa. One per CAN interface, but also one per COM-port and one for every link over the network such as Modbus TCP/IP etc. (see Figure 3-3).

Amount	Serial	ArtCode	Comment
AMCS			
0		FTI05000	Leisure Pack
1		FTI05100	AMCS Main Workstation
0		FTI05101	AMCS Workstation 2 to 10
0		FTI05102	AMCS Workstation 11 to 100
0		FTI05200	Mimic Main Workstation
0		FTI05201	Mimic Workstation 2 to 10
0		FTI05202	Mimic Workstation 11 to 100

Figure 3-1: AMCS main workstation

Amount	Serial	ArtCode	Comment
AMCS			
0		FTI05000	Leisure Pack
1		FTI05100	AMCS Main Workstation
0		FTI05101	AMCS Workstation 2 to 10
0		FTI05102	AMCS Workstation 11 to 100
12		FTI05200	Mimic Main Workstation
0		FTI05201	Mimic Workstation 2 to 10
0		FTI05202	Mimic Workstation 11 to 100

Figure 3-2: AMCS mimic main workstation

Amount	Serial	ArtCode	Comment
AMCS			
<input type="text" value="0"/>		FTI05000	Leisure Pack
<input type="text" value="1"/>		FTI05100	AMCS Main Workstation
<input type="text" value="0"/>		FTI05101	AMCS Workstation 2 to 10
<input type="text" value="0"/>		FTI05102	AMCS Workstation 11 to 100
<input type="text" value="0"/>		FTI05200	Mimic Main Workstation
<input type="text" value="0"/>		FTI05201	Mimic Workstation 2 to 10
<input type="text" value="0"/>		FTI05202	Mimic Workstation 11 to 100
<input type="text" value="2"/>		FTI05300	MOXA interface
<input type="text" value="5"/>		FTI05301	PLC interface
<input type="text" value="0"/>		FTI05302	CAN interface
<input type="text" value="1"/>		FTI05303	CCTV interface
<input type="text" value="4"/>		FTI05400	Duty Alarm Panel Link
<input type="text" value="5"/>		FTI05401	Serial Link

Figure 3-3: Communication licenses

After you adjusted all the values, scroll up and click “adjust”. A pop-up will appear which will show you the price of the licenses. You will need to accept that to effectuate the licenses (see Figure 3-4).



notice that you first need to accept a workstation licence and in the second run choose the amount of mimics. The program can't assign mimics when there is not a workstation selected.

License	Original amount	New amount	Additional cost
AMCS Main Workstation	0	1	0,00
MOXA interface	0	2	0,00
PLC interface	0	5	0,00
CCTV interface	0	1	0,00
Duty Alarm Panel Link	0	4	0,00
Serial Link	0	5	0,00
Total additional license costs			€ 0,00

By clicking 'Accept' you agree that you will be billed for the added licenses.

Accept

Reject

Figure 3-4: Accept billing

After this you can add the amount of mimics and click “Adjust” again. When accepted, the mimic amount will be added to the key and the additional costs will be charged (see Figure 3-5 and Figure 3-6).

12

FTI05200

Mimic Main Workstation

Figure 3-5: mimic amount

License	Original amount	New amount	Additional cost
Mimic Main Workstation	0	12	0,00
Total additional license costs			€ 0,00

By clicking 'Accept' you agree that you will be billed for the added licenses.

Accept

Reject

Figure 3-6: additional costs

All inherited licenses will be green now (see Figure 3-7). This means that all these licenses will be open on this key.

1	BQ34-HPGB-3PP3	FTI06019	IP Camera
2	ZA3G-TTNT-JKY4	FTI06020	Serial to Ethernet Converter Professional
0		FTI06021	Gensys PMS
0		FTI06022	NavQuest
0		FTI06023	Matns Stabilizer
0		FTI06024	Deiff PMS
0		FTI06025	Masterbus
0		FTI06026	CAN/J1708/J1939 Ethernet Interface
5	BK7J-8H65-FD58	FTI06027	Wago Professional

Figure 3-7: inherited licenses



In the near future all these licenses will be replaced by the 5000 series licenses

3.3 Licenses for additional keys

For the rest of the keys in the installation you won't choose the AMCS workstation nor the mimic main workstation. These are solely for the main key. Instead you choose for the "AMCS workstation 2 to 10" and for the mimics for the "Mimic workstation 2 to 10" (see Figure 3-8). The rest of the licenses will be inherited from the main key.

workstation	Choose
Main server	AMCS Main Workstation
Client Fail-safe	AMCS Workstation 2 to 10
Client	AMCS Workstation 11 to 100
Mimics main server	Mimic Main Workstation
Mimic client fail-safe	Mimic Workstation 2 to 10
Mimic client	Mimic Workstation 11 to 100
MOXA interface	AMCS Main Workstation (for other keys it is inherited)
PLC interface	AMCS Main Workstation (for other keys it is inherited)
CAN interface	AMCS Main Workstation (for other keys it is inherited)
CCTV interface	AMCS Main Workstation (for other keys it is inherited)
Duty Alarm Panel Link	AMCS Main Workstation (for other keys it is inherited)
Serial Link	AMCS Main Workstation (for other keys it is inherited)

Table 3-1: License declarations

Amount	Serial	ArtCode	Comment
AMCS			
0		FTI05000	Leisure Pack
0		FTI05100	AMCS Main Workstation
1	73F4-EHEL-SZBU	FTI05101	AMCS Workstation 2 to 10
1	9E63-BTBU-TJCM	FTI05102	AMCS Workstation 11 to 100
0		FTI05200	Mimic Main Workstation
3	ATRM-K332-GKZQ	FTI05201	Mimic Workstation 2 to 10

Figure 3-8: Licenses additional keys

4. Additional actions

4.1 Introduction

Before you can use the keys you will have to put the licenses into place. You can do so by inserting them manually into NavVision. This is described in the operator's manual. When you print or email the licenses you get a list of license numbers that you have to put in the right order into NavVision (see Figure 4-2).

When you download the keyxxxx.uc.ini file (by clicking on the "download ini file" section see Figure 4-1), you can put the file in the network folder on the workstation and the licenses will be imported automatically.

Key code: 3552 → (Download ini file)

Figure 4-1: ini file download

License Keys

Keynumber:	3552
Customer:	Imtech Marine Netherlands BV, afd. F&A
Serial Number:	7F01-2F29-A0B1-3280
Date:	
Version:	09.00.00

Group	Amount	Serial	Module
Viewers	1	BN2C-7242-UBS7	Alarm
Viewers	1	K46J-KCZM-UP4E	Navigation
Viewers	1	FD3T-R9D4-72KT	Navigation Pro
Viewers	1	3TA6-JABK-GH8K	Single Engine
Viewers	1	YYQ6-LWV9-U6HK	Dual Engine
Viewers	1	7C4V-FKPT-YPC9	Navigation Extra
Viewers	1	RF3X-A8W7-F6N6	Switch
Viewers	1	WK6B-CK9H-NY62	Wind Viewer
Viewers	1	5WC4-2M44-C49S	Basic
Viewers	1	PMFK-H5N7-VYMQ	Multi Engine
Viewers	1	M7UX-R7HM-TNCL	Layout Basic
Viewers	1	FQ6K-4B8Y-2YXQ	Camera Viewer
Viewers	1	KB2B-75L9-9SW4	Alarm Professional
Communication	1	JJ9B-YRE6-AF6K	Network Client
Communication	1	2EKB-6DX7-SE6K	Network Client Fail Safe
AMCS	1	73F4-EHEL-S2BU	AMCS Workstation 2 to 10
AMCS	1	9E63-8TBU-TJCM	AMCS Workstation 11 to 100
AMCS	3	ATRM-K332-GK2Q	Mimic Workstation 2 to 10
AMCS	3	KR7P-NUM2-N7ST	Mimic Workstation 11 to 100
AMCS	5	EKVL-XE4Q-L6K7	MOXA interface
AMCS	1	Z8ZW-VKEK-FUG2	PLC interface
AMCS	1	U8HY-W6N6-7W5C	CCTV interface
AMCS	2	6K28-YZPE-MS8U	Serial Link
Communication	1	4RVL-HFWE-W3RS	Nmea
Communication	1	QLF3-3VYB-6JXQ	Wago Basic
Communication	1	W6K2-HRU2-BMYP	Camera
Communication	1	LKA5-SUXM-JS24	IP Camera
Communication	5	HVR2-Y8TY-CSKD	Serial to Ethernet Converter Professional
Communication	1	EPBV-7SHX-R2A7	Wago Professional
Communication	1	X3FA-P5R8-JU7S	Pelco IP Camera
System	1	22EX-MJ49-7MB2	Framework

Figure 4-2: Licenses