

ABTECH

ACADEMY



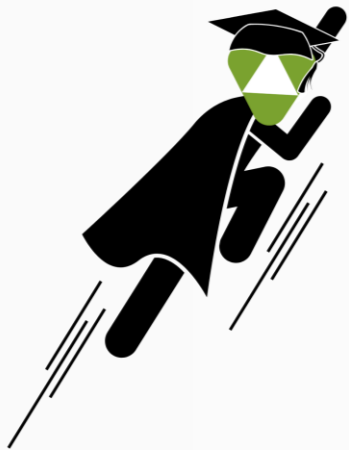


ICG70 - ICG70T Update


1- Checking and loading a licence key

Step 1

Ensure that the software maintenance end date allows the new firmware to be installed. To do this, the instrument's software maintenance end date must cover the software maintenance date for installation. In this example, on MyWorld, the SW Maint. End date (November 1st, 2024) allows the update of the software with a maintenance date of June 1st, 2022. Installation can therefore proceed. If this is not the case, a CCP can be purchased (contact us).





General

	Product	iCG70 UHF, iCON gps 70 UHF Value	Article No.	868635
	My Reference		Equipment No.	
	Serial No.			
	Version	<input type="text" value="7.94"/> <input type="button" value="Save"/>		
	SW Maint. End	01.11.2024		

Software

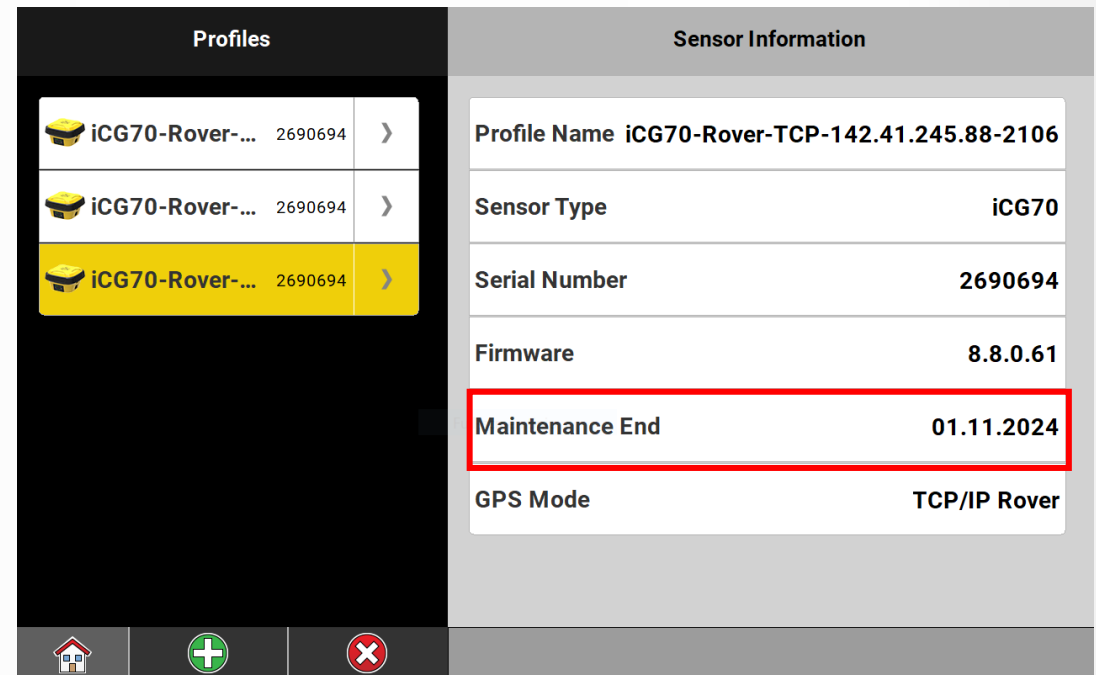
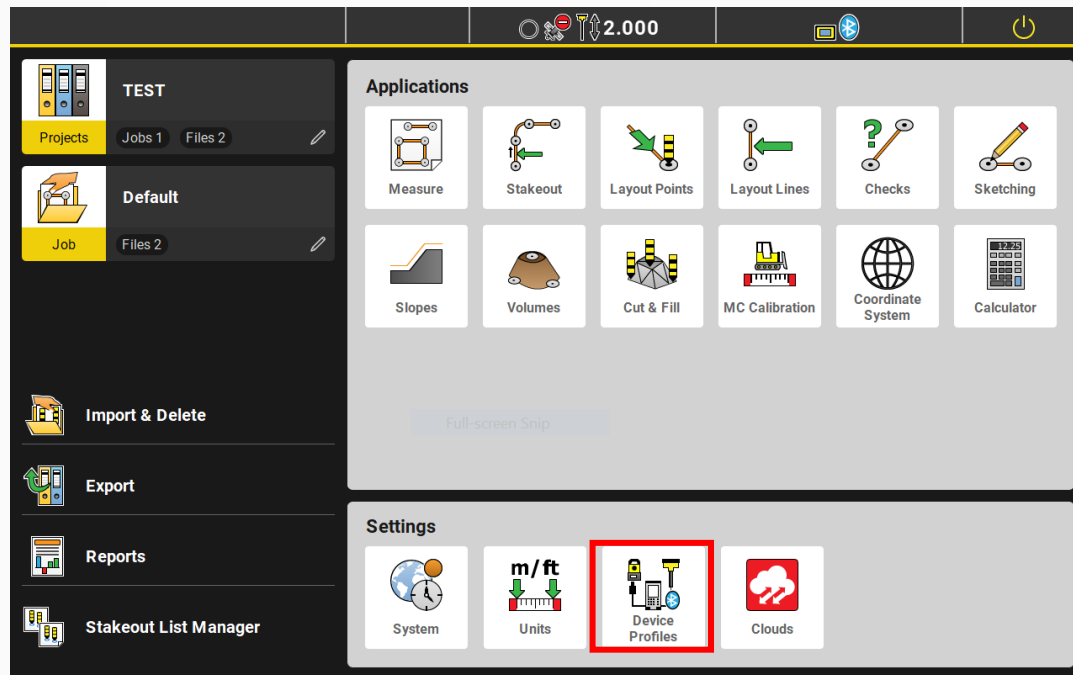
Release No. Sort by

	iCON gps 70 Release Notes	V8.80.61	<input type="button" value="Download"/>
	Important information about specific product releases.	154 KB	
		PDF	
		21.11.2024	
	iCON gps 70 Firmware	V8.80.61	<input type="button" value="Download"/>
	SW Maint. Date for Installation: 01.06.2022	79.16 MB	
		FW	
		21.11.2024	

1- Checking and loading a licence key

It is also possible to check the end of maintenance date of the software loaded in the instrument from the following path: Device Profiles / Maintenance End

If the software maintenance end date allows the new firmware to be installed, go on to step 2.



1- Checking and loading a licence key

Leica has release multiple versions for each major version. The latest version is highly recommended and will show improved RTK fix performance but any of these following version will resolve the tilt IMU issue.


Version	CCP end date required
Version 8.80.61	01.06.2022

1- Checking and loading a licence key

To install a licence key in the ICG70 / ICG70T, download the file from MyWorld or request the file from technical support.

[Download Keys](#) [Calibration Certificate](#)

General

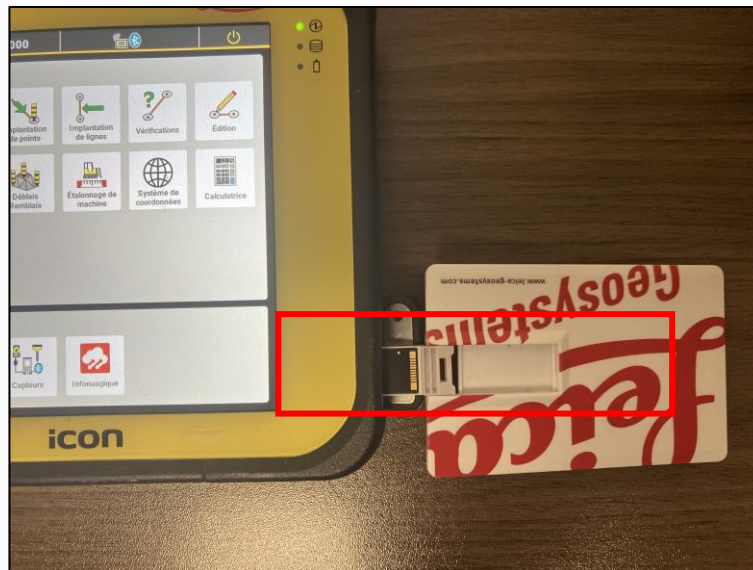
	Product	iCG70 UHF, iCON gps 70 UHF Value	Article No.	868635
	My Reference	<input type="text" value="ABTECH-LOCATION"/> <input type="button" value="Save"/>	Delivery Date	31.03.2022
	Serial No.	2690694	Equipment No.	30062822
	Warranty Start	<input type="text" value="31.03.2022"/> <input type="button" value="Save"/>	Warranty End	30.03.2023

1- Checking and loading a licence key

Put the file on a USB stick.

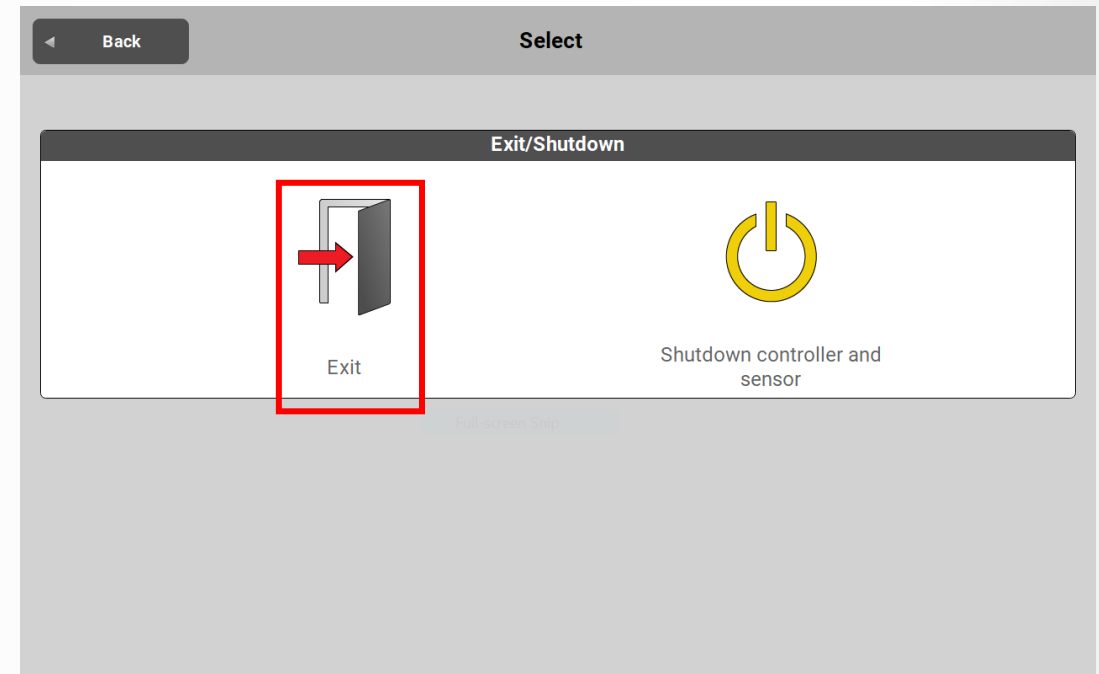
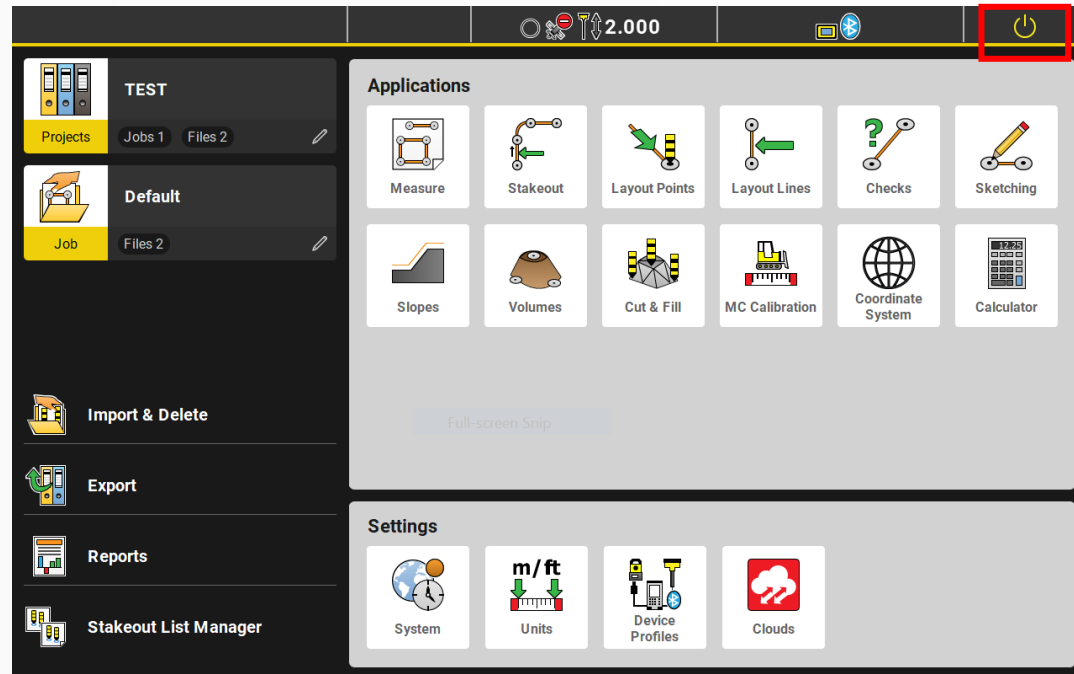


Insert the USB stick into the controller.



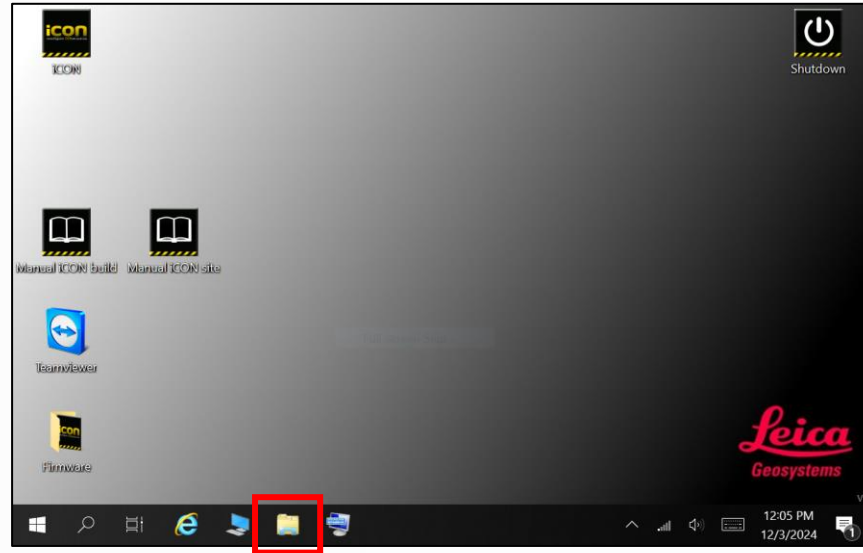
1- Checking and loading a licence key

Press the Power button in the main menu, then Exit.

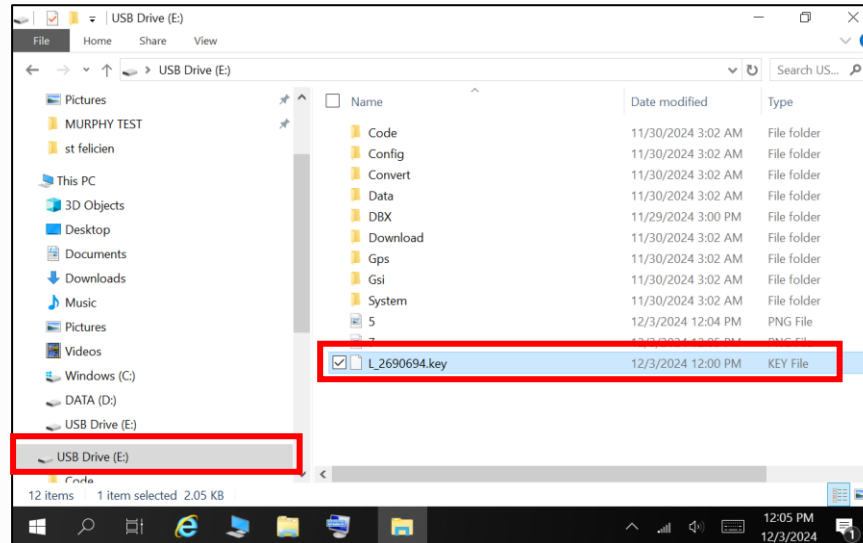


1- Checking and loading a licence key

Press Windows explorer.

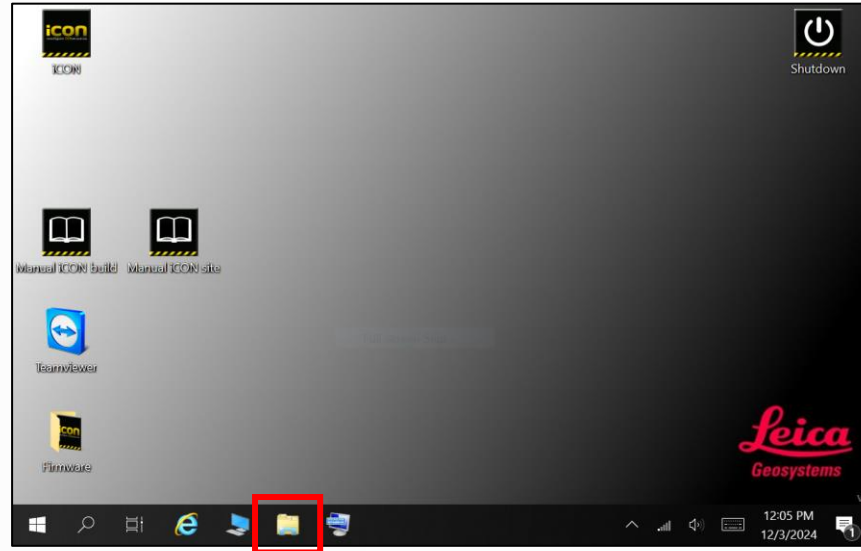


Copy the license file from the USB key.



1- Checking and loading a licence key

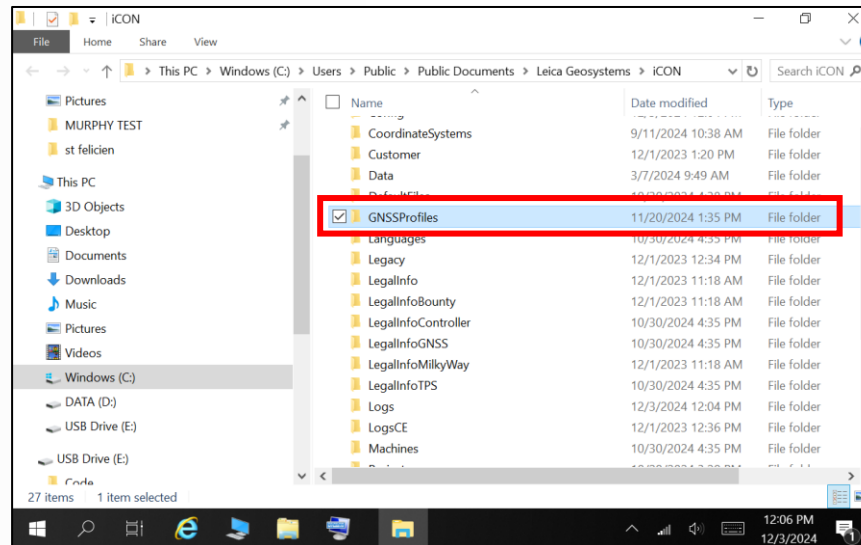
Close Windows explorer and then reopen it.



By default, the explorer opens in the iCON database. Open the GNSSProfiles folder.

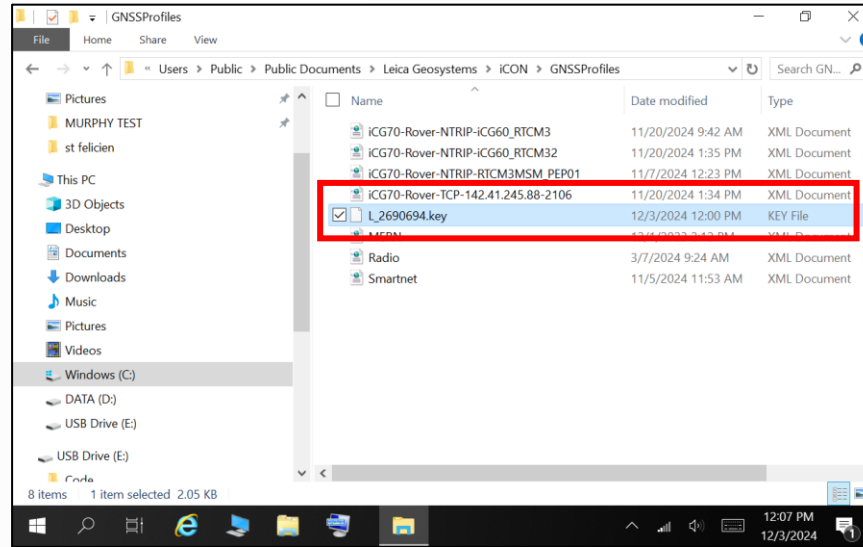
If not, here's the way:

This
PC/Windows(c:)/Users/Public/
Public Documents/Leica
Geosystems
/iCON/GNSSProfiles.

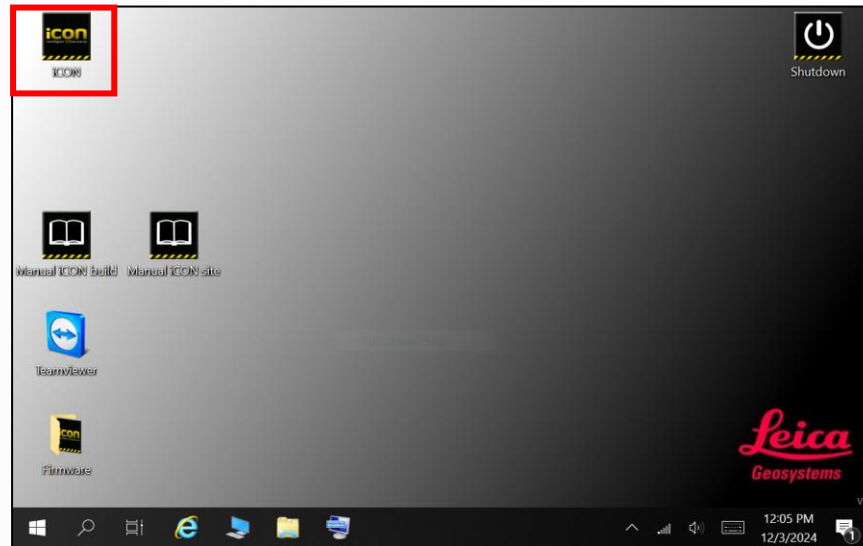


1- Checking and loading a licence key

Paste the license file in this folder.

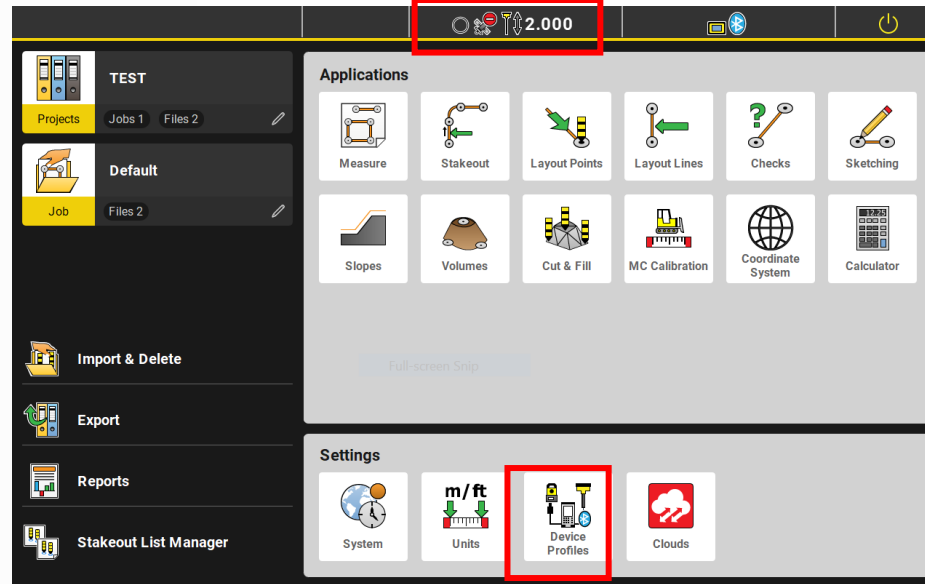


Close Explorer and open iCON.

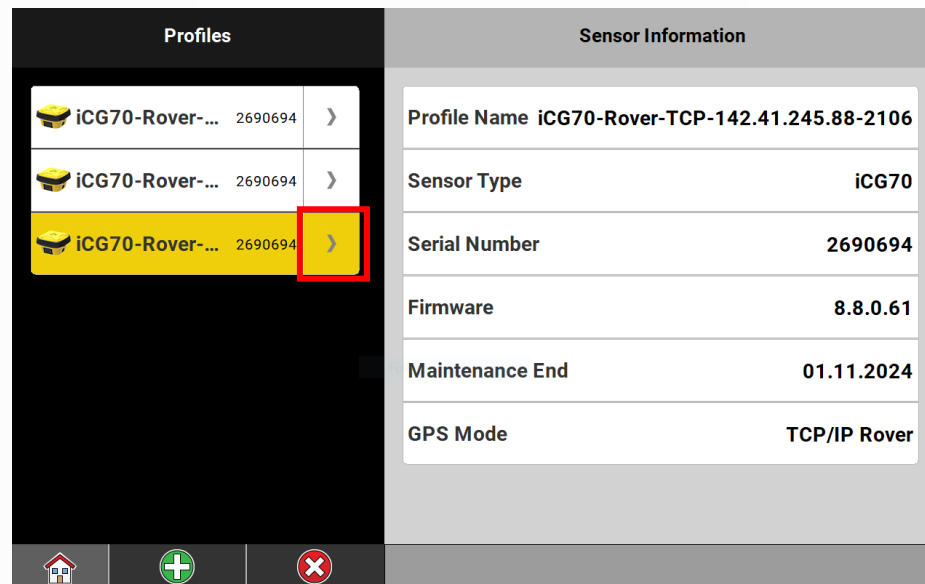


1- Checking and loading a licence key

Wait for the ICG to be connected to the controller and/or access Device Profiles and make the connection.



In Device profiles, press the arrow to the right of the connected ICG.



1- Checking and loading a licence key

Go to System Utilities.

The screenshot shows the 'Configuration' screen of the Leica Geosystems software. On the left, under 'Current Configuration', the following settings are listed:

GPS Mode	TCP/IP Rover
Network Device	Controller Modem
IP	142.41.245.88
Port	2106

On the right, a list of menu items is shown, with 'System Utilities' highlighted by a red box:

- Communication
- Edit Configuration
- System Information
- System Utilities**
- Reset Options
- Rinex Logging

A red 'X' icon is visible in the bottom left corner of the configuration screen.

The second screenshot shows the 'System Utilities' screen for the 'iCON gps 70' device. The 'Upload Licence key' option is highlighted by a red box:

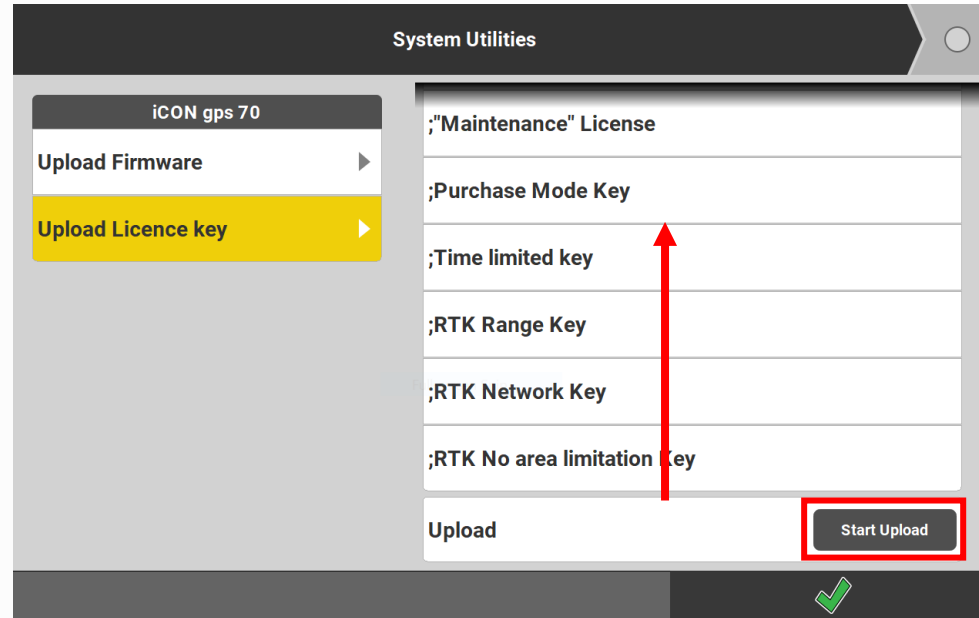
- Upload Firmware
- Upload Licence key**

A green checkmark icon is visible in the bottom right corner of the system utilities screen.

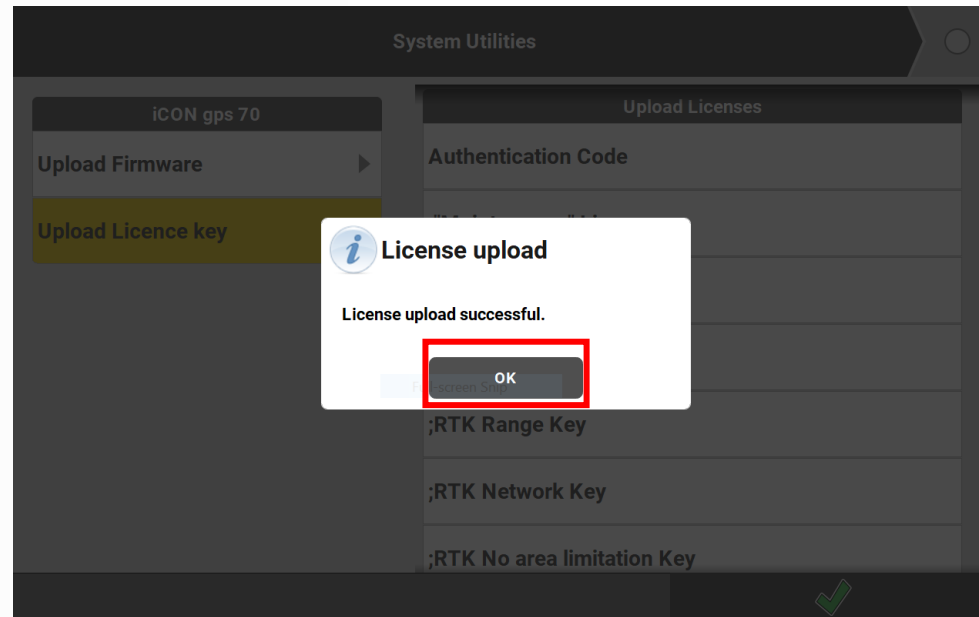
Go to Upload Licence Key.

1- Checking and loading a licence key

Slide up and press Start Upload.



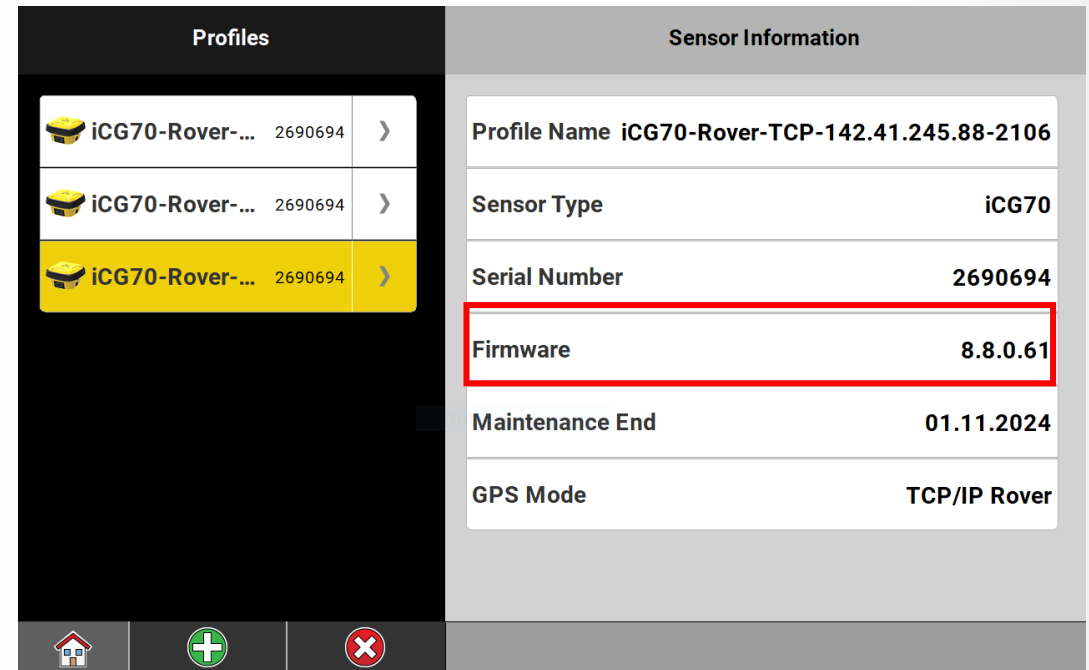
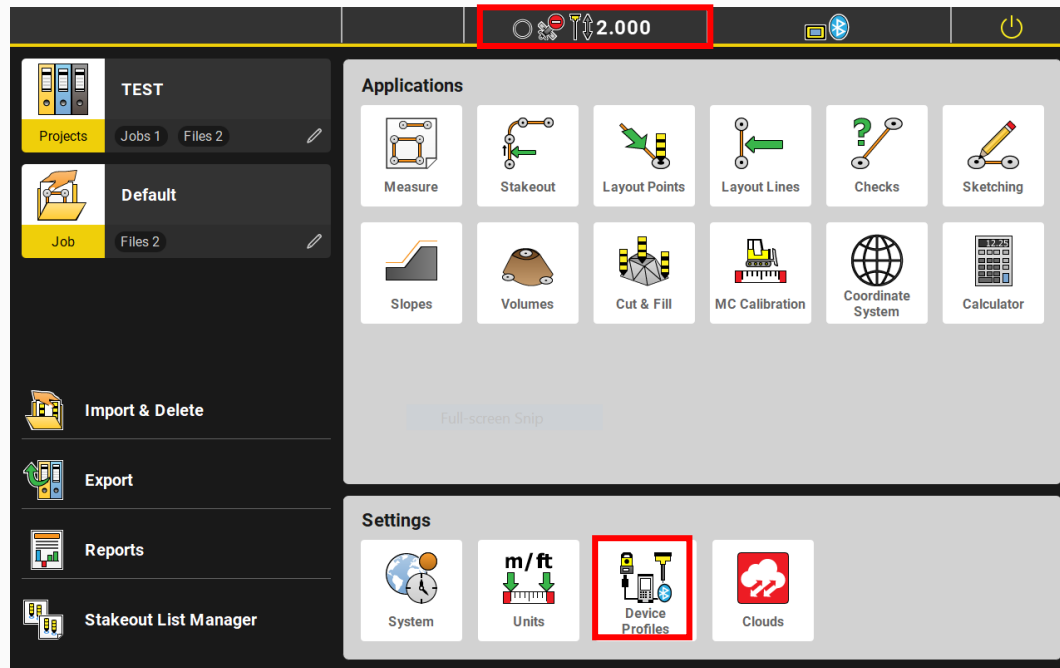
The licence key will be downloaded and the ICG will restart.



2- GNSS firmware update

Step 2

Check the current version of the ICG. After connecting the controller to the ICG, go to Device Profiles / Firmware.



2- GNSS firmware update

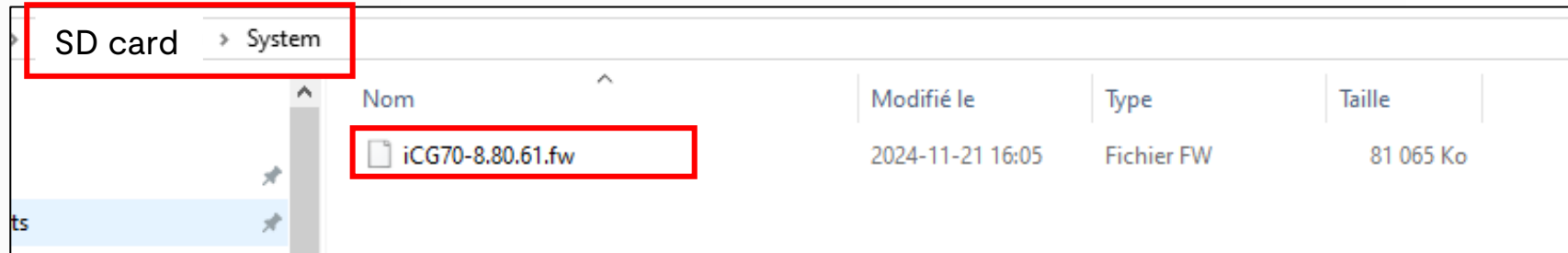
Download the firmware versions required for the update from MyWorld or ask technical support. It may be necessary to install several updates. Do not skip any major version.

Required version	Solution	CCP end date required
Version 8.80.61	iCG70-8.80.61.fw	01.06.2022



2- GNSS firmware update

Put the file(s) in a folder called System on the SD card.



Ensure that the ICG battery is at least 75% charged.



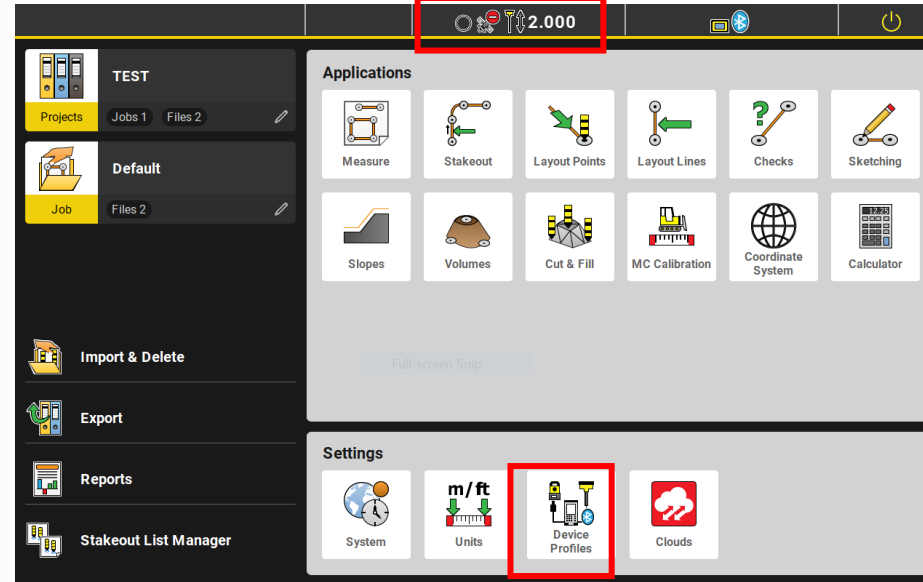
2- GNSS firmware update

Insert the SD card into the slot above the battery.

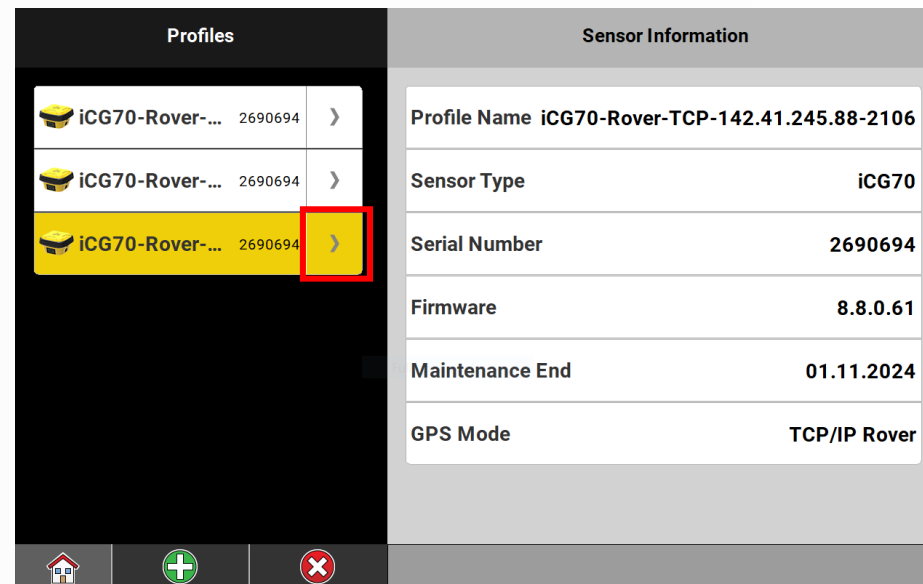


2- GNSS firmware update

Wait for the ICG to be connected to the controller and/or access Device Profiles and make the connection.

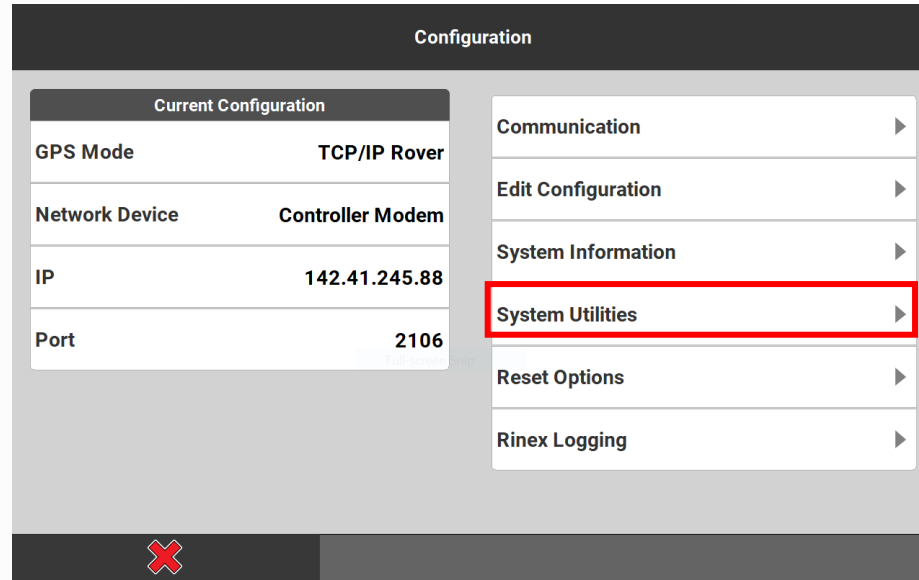


In Device profiles, press the arrow to the right of the connected ICG.

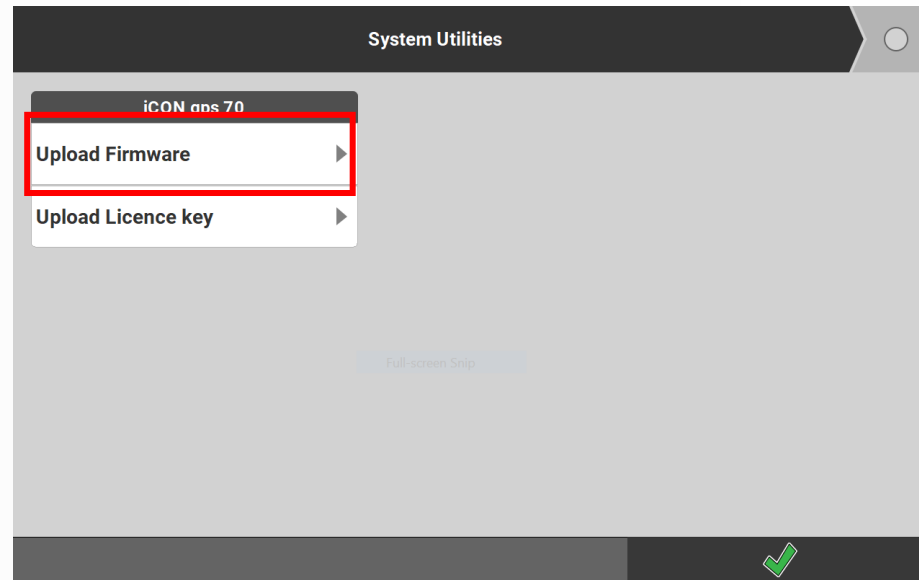


2- GNSS firmware update

Go to System Utilities.

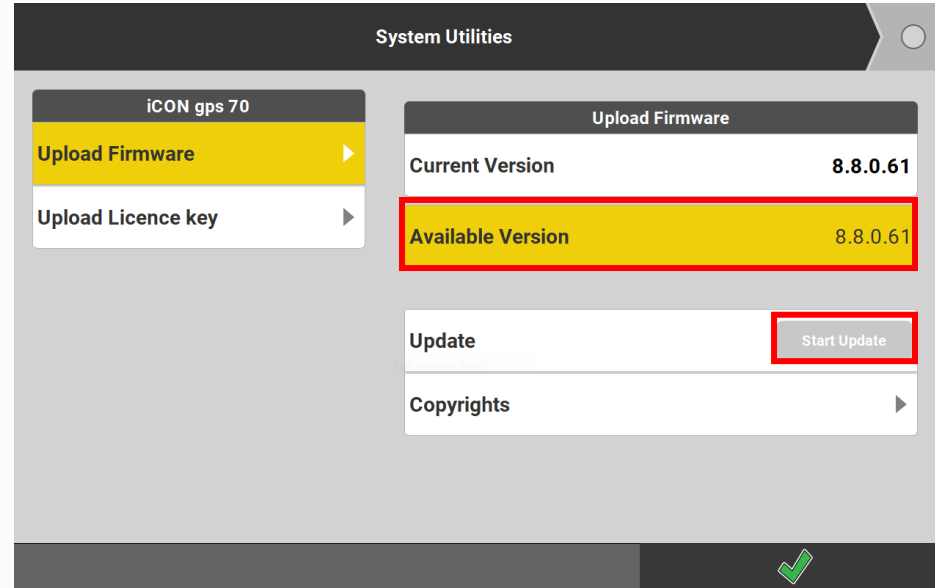


Go to Upload Firmware.

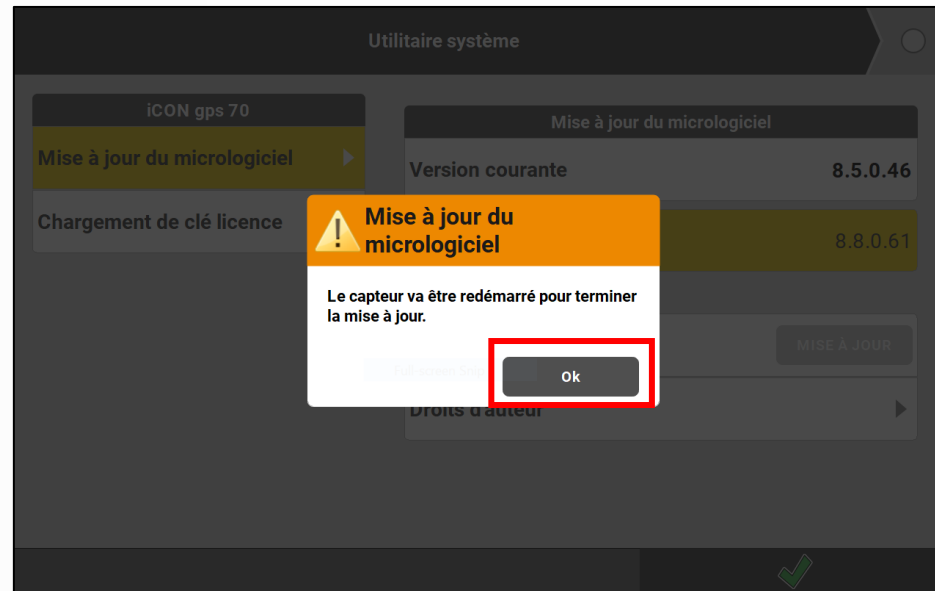


2- GNSS firmware update

Select the version you want to install, then press Start Update.



The ICG will then restart and perform the update. This may take a few minutes.





Thank you

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