

How to firmware upgrade Cat Rot/Cat 1/XT

Indhold

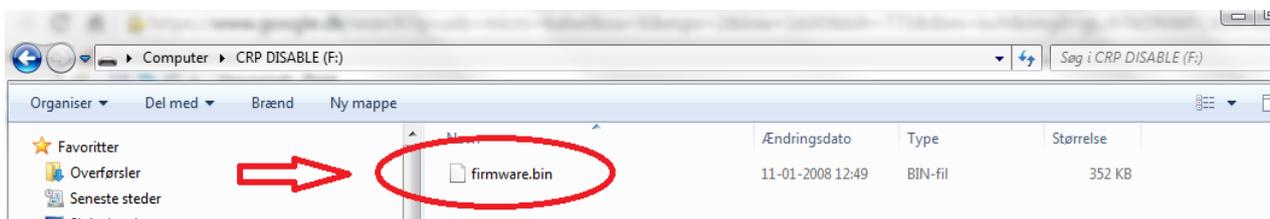
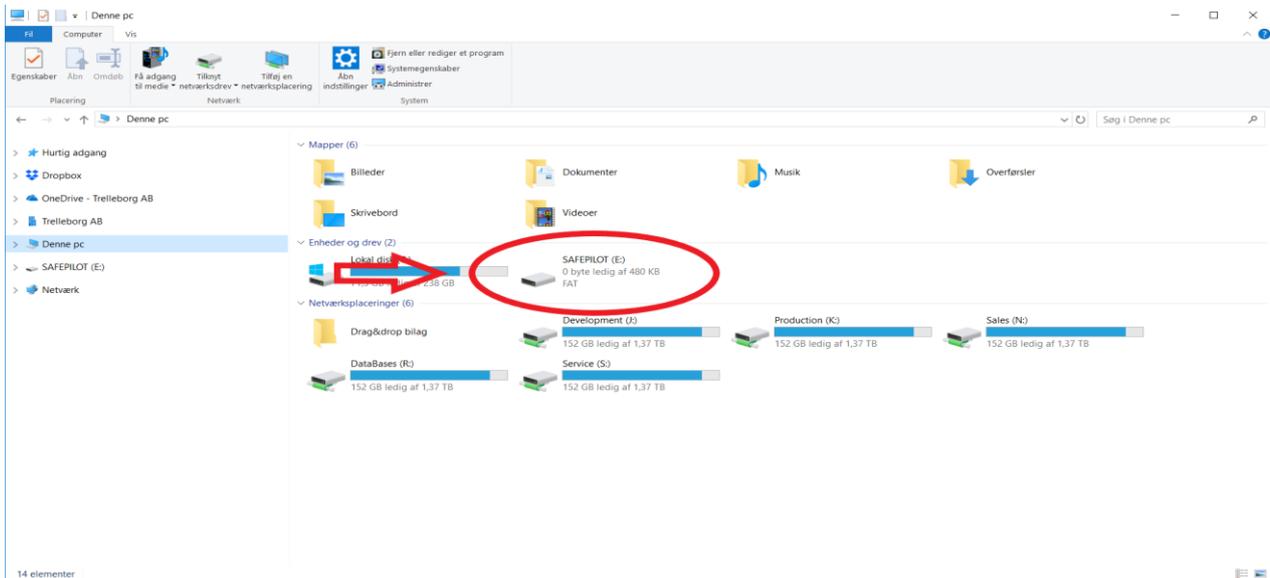
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Tools needed

1. PC with Windows OS installed, the operation will not work on Apple or Linux
2. AIS/USB cable
3. Get the Firmware from Trelleborg.

Procedure

1. The operation is the same for both Cat Rot, Cat 1 and CAT XT
2. Turn the unit on by pressing the on/off button for 15 seconds, then the LED will flash slow green, then Press th on/off button again for 3 seconds, the the LED will flash fast green, which means the unit is now in programming mode.
3. Connect the unit to your pc via the AIS/USB cable.
4. Locate the firmware.bin file on the CAT ROT, CAT1 and CAT XT via the PC.
5. Now Delete the firmware.bin file on the CAT ROT, CAT1 and CAT XT
6. Copy the appropriate firmware file to the CAT ROT called CatRot_v4.0.15.bin.
Copy the appropriate firmware file to the CAT ROT called Cat1_v4.0.15.bin.
Copy the appropriate firmware file to the CAT ROT called CatXt_v4.0.15.bin.
7. Turn the unit off, disconnect from the PC and the unit is now upgraded.



Important

1. This operation will only work on Window OS
2. All CAT ROT, CAT 1 and CAT XT units must be upgraded. Old firmware versions will not work with new versions.
3. You can check your firmware version via SafePilot here:

Cat Rot:

The screenshot shows the SafePilot interface with the following data:

Top navigation bar: AIS, 6.7 kn SOG, 0.2 °/min ROT, 293.0° HDG + 0.0°, 293.2° COG

GPS Status

GPS DETAILS

Mode	AIS
HDOP	-
Satellites	- >
DGPS Age	-
DGPS Station ID	-
Latitude	N 56° 8.847'
Longitude	E 10° 17.529'

DEVICE

IP	192.168.3.100
MAC	88:DA:1A:10:C4:84
Firmware	CatRot_v4.0.15

Bottom status bar: CAT ROT v4, 14:48, battery icon

Cat 1:

The screenshot displays a GPS Status application interface. At the top, a status bar shows navigation metrics: Speed Over Ground (SOG) at 1.4 kn, Rate of Turn (ROT) at 0.0 °/min, Heading (HDG) at 293.5°, and Course Over Ground (COG) at 182.0°. A GPS icon with a warning triangle is also visible. The main content area is titled "GPS Status" and features a "GPS DETAILS" table, a device image, and a "DEVICE" table. The device image shows a black "CAT 1" unit with a battery level indicator below it. The "GPS DETAILS" table lists various parameters including Mode, HDOP, Satellites, DGPS Age, DGPS Station ID, Latitude, and Longitude. The "DEVICE" table lists IP, MAC, and Firmware. The Firmware value "Cat1_v4.0.15" is circled in red. At the bottom, there are two Wi-Fi icons labeled "CAT ROT v4" and "CAT I v4". The time "14 51" and a battery level indicator are shown in the bottom right corner.

GPS DETAILS		
Mode	Expecting SBAS	GPS
HDOP		5.1
Satellites		6 >
DGPS Age		-
DGPS Station ID		-
Latitude		N 56° 10.342'
Longitude		E 10° 9.486'

DEVICE	
IP	192.168.3.99
MAC	00:23:A7:CC:30:14
Firmware	Cat1_v4.0.15

CAT XT:

The screenshot shows a marine display interface. At the top, navigation data is displayed: AIS, 4.3 kn SOG, 0.1 °/min ROT, 292.5° HDG + 0.0°, and 296.0° COG. The main window is titled 'GPS Status' and contains two tables. The first table, 'GPS DETAILS', lists various parameters including Mode (AIS), HDOP, Satellites, DGPS Age, DGPS Station ID, Latitude (N 56° 9.076'), and Longitude (E 10° 16.689'). The second table, 'DEVICE', lists IP (192.168.3.100), MAC (00:23:A7:CC:31:24), and Firmware (CatXt_v4.0.15, which is circled in red). To the left of the tables is an image of the CAT ROT MARIMATECH device and a battery status icon. At the bottom, a status bar shows 'CAT XT v4 AIS', a Wi-Fi icon, the time '14:54', and a battery level indicator.

GPS DETAILS	
Mode	AIS
HDOP	-
Satellites	- >
DGPS Age	-
DGPS Station ID	-
Latitude	N 56° 9.076'
Longitude	E 10° 16.689'

DEVICE	
IP	192.168.3.100
MAC	00:23:A7:CC:31:24
Firmware	CatXt_v4.0.15