

# Knowledge Base Article

**Product Group:** MARLIN I-Pro

**Product:** CMDM 6700 series – Microlog Inspector

**Version:** N/A

## Abstract

This document provides the steps required to reflash a CMDM6700 handheld and reinstall SKF Microlog Inspector.

## Overview

This is a three-part process:

- Reinstall the OS
- Apply the service patch (4 files)
- Install SKF Microlog Inspector

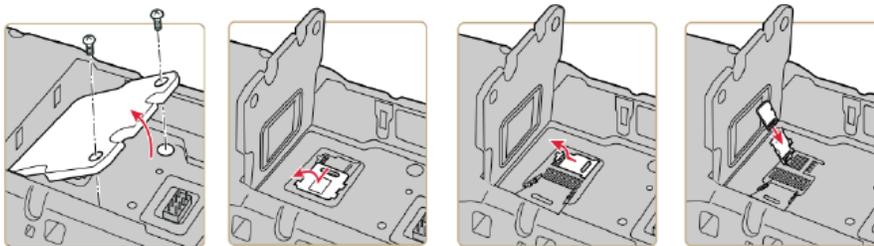
You will need the following:

- CMDM67xx handheld
- Docking Station and AC Adapter
- Computer with USB port and ActiveSync/WMDC installed
- MicroSD Card reader
- 1 MicroSD Card with optional MicroSD Card adapter
- Phillips head screwdriver
- OS Image file
- Service Patch CAB files:
  - 00003038\_SU01\_1.50\_Cx70.cab
  - SR13101600\_EBT\_CN70WM65\_ALL.CAB
  - SR13081801\_TCH\_Cx70WM65\_ALLcab
  - SR13042600\_RSG\_Cx70WM65\_ALL.cab
- SKF Microlog Inspector firmware

### **Step 1 – Reinstall the OS**

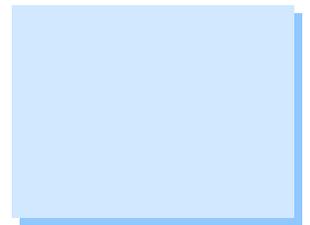
The following procedure describes how to re-flash an I-PRO CMDM6700 handheld's operating system.

1. Unzip the "Autoflash.zip" file and save "Autoflash.img" to the computer.
2. Place the MicroSD Card into an SD Card reader on the computer.
3. Ensure the MicroSD Card is blank. Back up any files from the SD card as needed.
4. Copy the "Autoflash.img" file into the root of the MicroSD card. (This should be the only file on the SD card.)
5. Remove the MicroSD Card from the computer and continue with the steps below.
6. Remove the battery on the handheld.
7. Using a Phillips head screwdriver, carefully remove the two small screws from the plastic hatch, and open the hatch.
8. Slide the SIM card door to the left to unlock it and open the door.
9. Next, slide open the MicroSD card hatch.



10. Insert MicroSD card back into the hatch (should slide into a groove in the hatch).
11. Close and slide the MicroSD Card hatch shut.
12. Close and slide the SIM card hatch shut.
13. Close the plastic hatch and insert screws.

14. Insert battery.
15. Place the handheld in the docking station with the power supply connected.
16. The unit automatically cold boots and should begin the reflash process.
17. "Loading AutoFlash.img" will display along with a progress bar.
18. Wait until "autoflash complete" displays on the unit.
19. Once complete, take unit off docking station and remove battery.
20. Remove the MicroSD Card.
21. Plug the MicroSD Card back into the computer and delete the "Autoflash.img" file. **Warning:** If this file is not deleted from the MicroSD Card, the unit will reinstall the OS every time it boots up!
22. Close both hatches and insert the battery, and the device will boot up.
23. Step 1 is complete.



## **Step 2 – Apply the Service Patch (4 different files to install)**

The following procedure describes how to apply the service patch on an I-PRO CMDM6700 handheld.

This procedure should be performed after the operating system has been successfully reinstalled (Step 1) and the device has finished booting up.

This service patch consists of four CAB files that need to be installed and run - *one at a time* - on the device:

- “00003038\_SU01\_1.50\_Cx70.cab” – Service update
- “SR13101600\_EBT\_CN70WM65\_ALL.CAB” – Fix for eboot problem
- “SR13081801\_TCH\_Cx70WM65\_ALLcab” – Enable touch screen
- “SR13042600\_RSG\_Cx70WM65\_ALL.cab” – Improve roaming

Repeat the following steps for all four CAB files:

1. Connect the device to the computer and establish an ActiveSync/WMCD connection.
2. Using ActiveSync/WMCD, explore the device folders and copy/paste the CAB file into the "CABFILES" folder.
3. Reboot the device to install the file onto the handheld. (Opt to install on "Device", if prompted.)
4. Repeat these steps for all four CAB files provided in this service patch. Once all four CAB files have been installed, Step 2 is complete.

Be sure to install the touch screen CAB file or you may lose touch screen functionality!

### **Notes**

- *Failure may still occur if a device is left in a dock for a week or more. The workaround to this issue is nightly reboots, or reboot at the beginning and ending of the shift. The more the device is rebooted, the better it is.*
- *If after the service patch has been applied and problems with calibrating the touch screen occur, please contact Technical Support and ask for the "TouchCalib.cab" file. This file will automatically launch the calibration screen after install, and should only be applied if unable to calibrate.*

### **Step 3 – Install SKF Microlog Inspector**

The following procedure describes how to install SKF Microlog Inspector onto an I-PRO CMDM6700 handheld.

1. Download the latest firmware from [www.skf.com/cm/updates](http://www.skf.com/cm/updates) if it is not already installed on the computer.
2. Click on the “autorun.exe” installer file and go through the Installation Wizard.
3. Next, connect the handheld to the computer and establish an ActiveSync/WMDC connection.
4. Launch the installer by going to **Start > Programs > SKF > Microlog Inspector Tools > Microlog Inspector Installer**.
5. Follow the rest of the steps in the installation wizard.
6. Set up the network connections and synchronize with SKF @ptitude Analyst software as normal.
7. Step 3 is complete.

**IMPORTANT:** Incorporate a daily soft reboot of the device as a Best Practice, as this is now recommended by the manufacturer.

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For further assistance, please contact the Technical Support Group by phone at 1-800-523-7514 option 8, or by e-mail at [TSG-CMC@skf.com](mailto:TSG-CMC@skf.com).