

BiPOM FX30 How to reset the FX30 Manual

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Table of Contents

1	Overview	3
2	Ensure that the Recovery Activation status is set to Enable.	4
3	Reset the device	4
4	How do we recover units went into infinite reboot loop and lost SSH connection?.....	5

1 Overview

This document explains the procedures to reset the FX30 device running R15.

Keep in mind that this procedure will not reset the root password, it will just remove the modifications from the system.

The procedure will also not wipe the contents of the /home/root folder.

2 Ensure that the Recovery Activation status is set to Enable.

When plugging an FX30 into the system, a number of interfaces are installed on the host computer:



We need to enable the FACTORY RECOVERY using the Sierra Wireless Mobile Broadband Network Adapter interface using AT commands.

Send the following command to set the flag:

```
AT!FWD=FACTORYRECOVERY,ENABLE
```

Send the following command to check the flag:

```
AT!FWD?FACTORYRECOVERY
```

3 Reset the device

To finally perform the restore follow these steps:

1. Unplug the power adapter in your FX30 device.
2. Press the reset button, then plug the power adapter into your FX30 device and continue to keep pressing the reset button for about **20-25s**.
Note: If the button is pressed after the device booted up, the module will not be reset to factory.
3. After the FX30 device is detected on your host, you can see the Ethernet adapter LEGATO EthLink ECM interface on your host.

At this point the device is reset.

4 How do we recover units went into infinite reboot loop and lost SSH connection?

We have two possible options here:

1. If the recovery activation status is set to enable on your FX30 device before, you can try to follow the steps described in section 3.
2. Try to re-flash the Firmware immediately when the host detects the FX30 USB port.