

# Method with PST Utility to perform firmware update

## 3.1. Procedure

**Note:** **xxxxxx** in the installers' filenames below represents the software release's build number. It is to be found in the Sequans' software Release Note. The file "my\_firmware.sfp" below should be replaced by the filename corresponding to your module. This filename can be found in the Sequans' software Release

Note.

1. Install "sqn\_setup\_LR4.2.2.0-xxxxx-usb-drivers-pst.exe" or "sqn\_setup\_LR4.2.2.0-xxxxx-usb-drivers-pst-apph.exe" on your PC.

2. Enter command in front of windows command prompt in the install directory as described in Section 1 Introduction:

```
pst sysupgrade -u "ip address of device" -c "name of sw image"
```

Command example:

```
pst sysupgrade -u 192.168.16.1 -c my_firmware.sfp
```

The figure below displays the log of the execution of the command with firmware file CB610L\_ECM-ACM-ECM-M2M-UART-ECRIOIMS-CAT6\_LR4.2.2.0-51376.sfp

**Do not remove / reset the USB modem until upgrade is done and successful**



```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.18362.1198]
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D:\temp\oakley>pst sysupgrade -u 192.168.16.1 -c CB610L_ECM-ACM-ECM-M2M-UART-ECRIOIMS-CAT6_LR4.2.2.0-51376.sfp
Try to connect to 192.168.16.1:7000
Upgrading...
100 %
Rebooting.....
Reboot done
Upgraded to robot-soft@jasmin
Upgrade done with success
```

**Important Note:** The Internet firewall might block the data traffic caused by this software upgrade. Windows Defender might block it. Please refer to the next section 3.2 for a simple guide to add inbound rule of Windows Defender.

## How to Create Inbound Rule of Windows Defender (Windows 7 or Windows 10)

1. Open the Group Policy Management Console to Windows Defender Firewall with Advanced Security.
2. In the navigation panel, right click on "Inbound Rules" and then click "New rule".
3. On the Rule Type page of the New Inbound Rule Wizard, click Port, and then click Next.
4. In the Specific Local Ports box, Select data protocol(TCP/UDP) and type the ports you want to open. Then click Next. Note: If you are using PST utility for SW upgrade. Then you need add following: TCP and Port: 7000.
5. Choose Allow the Connection and click Next.

6. Check the boxes for network type, and then click Next.

7. Type a name (usually the name of the program requiring the opening). Click Finish.