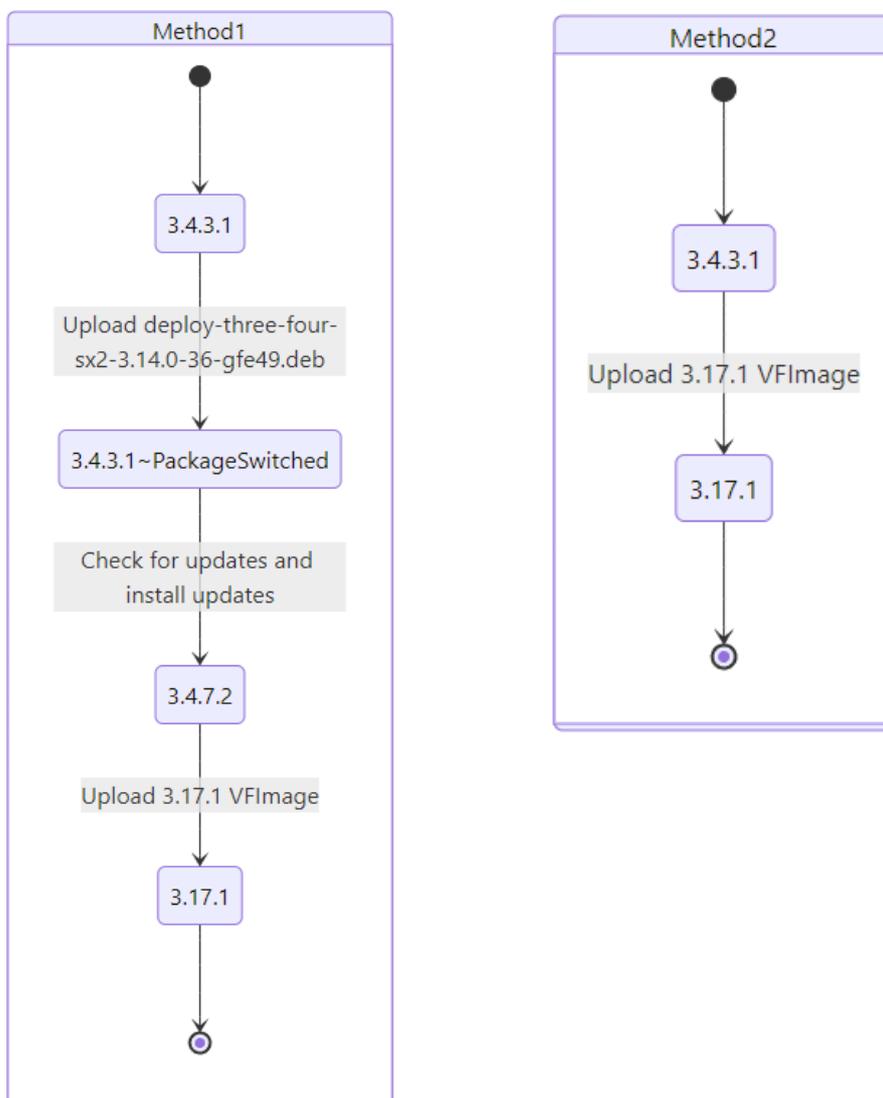


Upgrading VeriFinder from 3.4.3.1 to 3.17-series.

Prerequisites:

1. Verifinder at version 3.4.3.1
2. Copy of [verifinder-os-image-vfi-3.17.1-71905-sx2.armhf.vfimage](#)
3. Copy of [deploy-three-four-sx2-3.14.0-36-gfe49.deb](#)
4. mini-USB cable
5. PC with Firefox

Flowcharts :



Procedure:

There are two methods:

1. Package update to 3.4.7.2 then VFIImage 3.17.1
2. Direct VFIImage to 3.17.1

Method 1 is preferred as it is more reliable as during method 2 if the VeriFinder is rebooted while in the validating state it can boot up as original version (There is a validation process during this process where the VeriFinder looks stuck but it's busy behind the scenes)

Method 1 – Step by Step:

1. Power on VeriFinder and connect to PC with a mini-USB cable
2. Ensure all VPN connections are turned off on the PC.
3. Ensure the RNDIS driver on the PC is updated to allow the Verifinder to be properly recognized. Instructions on how to update the driver are provided by clicking the “Connect-to-Verifinder.html” file that is shown on the Verifinder when connected to the PC.
4. Use the “Connect-to-Verifinder.html” link to connect to the Verifinder web interface using a FireFox browser.
 - . Note: **FireFox is the only browser known to successfully update a Verifinder at this time. Chrome and Edge will not work.**
 - . If the web interface link does not allow you to log into the Verifinder, access the Verifinder “Network Information” menu and record the static IP address on the device. Inputting the static IP address into the FireFox browser allows access to the web interface.
5. Log in as the advanced user (advanced/symetricas)
6. Navigate to the **Advanced** menu -> Update software update page
7. Upload [deploy-three-four-sx2-3.14.0-36-gfe49.deb](#)
 - . This will reboot the device
8. Once it boots up, relog in by following steps 1-5 again.
9. Navigate to Settings Menu -> Connectivity
10. Enable Wi-Fi and connect to your Wi-Fi or Phone hotspot
11. Navigate to Advanced Menu -> Update software page
12. Click check for updates
 - . This will check Symetrica packaging server for updates and will download them
13. When updates have been checked then click Install updates
 - . This will take a ~15mins
 - . **Do not touch the VeriFinder**
14. Once it boots up, relog in by following steps 1-5 again.
15. Navigate to the Advanced menu -> Maintenance
16. Click factory reset, this will reboot the system.

17. Once it boots up, relog in by following steps 1-5 again.
18. Navigate to the Advanced menu -> Update software update page
19. Upload [verifinder-os-image-vfi-3.17.1-71905-sx2.armhf.vfimage](#)
 - . Check the factory reset at installation button

Method 2 – Step by Step:

1. Power on VeriFinder and connect to PC with a mini-USB cable
2. Ensure all VPN connections are turned off on the PC.
3. Ensure the RNDIS driver on the PC is updated to allow the Verifinder to be properly recognized. Instructions on how to update the driver are provided by clicking the “Connect-to-Verifinder.html” file that is shown on the Verifinder when connected to the PC.
4. Use the “Connect-to-Verifinder.html” link to connect to the Verifinder web interface using a FireFox browser.
 - . Note: **FireFox is the only browser known to successfully update a Verifinder at this time. Chrome and Edge will not work.**
 - . If the web interface link does not allow you to log into the Verifinder, access the Verifinder “Information” menu and record the static IP address on the device. Inputting the static IP address into the FireFox browser allows access to the web interface.
5. Log in as the **advanced** user (advanced/symetricas)
6. Navigate to the Advanced menu -> Update software page
7. Select “Choose Files” and open the following software: [verifinder-os-image-vfi-3.17.1-71905-sx2.armhf.vfimage](#)
8. Allow the firmware to upload onto the Verifinder, which is ~15 minutes process. **After the progress bar reaches 100%, do not touch the Verifinder, and allow another ~15 minutes for the Verifinder to automatically update.** During the update process the Verifinder will power cycle automatically.
 - . The VeriFinder will have not anything on the screen but there will be some backlight and the LEDs at the base (next to USB port) will be flashing in a rolling fashion (top to bottom then loops)
9. Once it boots up, relog in by following steps 1-5 again.
10. Navigate to the Advanced menu -> Maintenance
11. Click factory reset, this will reboot the system.