

How to reload firmware to a NextMove ST Card

Install and Load workbench Build 5816 from the utility directory on the VR Milling 5 CD

Load Firmware Version 5403 into Workbench

Open Workbench V5

- Select Demo Mode
- Select any Nextmove ST file and say OK

Now select the Tools Menu from the top of the screen.

- Select "Install system File"
- Browse for the "NextMove ST Build 5403 USB CANopen.msx" file
- Select "Open" The files are then installed into Workbench.

Update Firmware on the NextMove ST Card

Close workbench. (there is no need to save any files)

Power on the machine and connect the USB cable.

Open workbench

- Select "New Project"
- Select "Scan"

You will have a controller without firmware found.

- Highlight the controller
- Select "Update Firmware"
- From the next menu "Advanced"
- Now Select "Download Firmware"
- Browse to the C:\Program files (x86)\workbench v5\Firmware\NextMove ST
- Select the firmware file version 5403 dated 2016 and download.
- The download dialog should run. Wait for the download to complete and clear.

Repeat the Process again to update the FPGA

- Select "Update Firmware"
- From the next menu "Advanced"
- Now Select "Download FPGA"
- Select the FPGA file version dated 2016 and then "Open"
- The download dialog should run. Wait for the download to complete and clear.

Repeat the Process again to update the Coms

- Select "Update Firmware"
- From the next menu "Advanced"
- Now Select "Download Coms"
- Select the Coms file (FX1) dated 2016 and then "Open"
- The download dialog should run. Wait for the download to complete and clear.

Once all 3 files have been updated Power off the Control Card.

Power on the Control card and the 7 segment display should now read 2.

If you start a new project in workbench it should now see the controller card correctly.

Close workbench completely (there is no need to save any files)

Now open the Easy Upgrader software with the controller card powered on and connected.

Select "Check My Machine" The control card should report to be up to date.

If newer firmware is required it can then be loaded from Easy Upgrader.