



POS and Tunnel Loader Conversion to NXT — Step-by-Step Guide

Before you start

Parts

- ☐ NXT 16-port switch (in the network rack)
- ☐ 8-port PoE switch
- ☐ Ethernet patch cables
- ☐ PAX A35 card reader
- ☐ Volcrom receipt printer and its cables
- ☐ USB A-to-B cable (receipt printer to terminal)
- ☐ Cash drawer and cash drawer cable
- ☐ Barcode scanner and USB cable

Tools

- ☐ Paper clip or pin for the PoE switch reset button
- ☐ Screwdrivers
- ☐ Cable labels

Cautions

- Label the terminal's Ethernet run at the rack before you unplug it.
- Have the download parameters doc on hand for the PAX A35.

Tips

These apply to both the POS terminal and the tunnel loader.

- Have the **nxtwash.screenconnect.com** address handy. If NXT WASH can't log in to the terminal, type it into the terminal's browser to let them connect.

- Have the **old POS login credentials** on hand. NXT WASH may need them to get into the terminal.

1. Network rack

1. Find the main Ethernet run coming from the terminal you're converting. It plugs into the old POS main network switch, usually in the network rack.
2. Move that run over to the new NXT 16-port switch.

2. At the terminal: install the PoE switch

1. Install the 8-port PoE switch at the terminal.
2. Move the main Ethernet run into the new PoE switch.
3. Run an Ethernet patch cable from the POS terminal to the PoE switch.
4. With the switch powered on, hold the reset button for 15 seconds to factory reset it. All the Ethernet lights should turn yellow.
5. Wait for the switch to finish restarting before moving on.

3. PAX A35 card reader

1. Once the switch is back up, plug the PAX A35 into the PoE switch.
2. When the A35 is online, download its parameters. Follow the download parameters doc.

4. Receipt printer and cash drawer

1. Remove the old receipt printer and its cables.
2. Install the new Volcrom receipt printer.
3. Connect the printer with a USB A-to-B cable: the B end into the printer, the A end into the terminal.
4. Install the new cash drawer.
5. Plug the cash drawer cable into the back of the receipt printer.

5. Barcode scanner

1. Remove the old POS barcode scanner.
2. Install the new scanner and plug it into the terminal with the new USB cable.

6. Hand off to NXT WASH

With the hardware in place, NXT WASH will log in remotely and configure the old POS as an NXT terminal.

- ☐ PoE switch lights are on for the main run, terminal and A35
- ☐ A35 is online with parameters downloaded
- ☐ Receipt printer and cash drawer are connected
- ☐ Barcode scanner is connected
- ☐ NXT WASH has been notified that the terminal is ready

7. Converting a tunnel loader

A tunnel loader needs fewer steps than a POS terminal.

1. Switch the loader's network over to NXT: move its main Ethernet run to the NXT 16-port switch in the network rack.
2. Verify the loader terminal is powered on.
3. Let NXT WASH know the loader is ready so they can log in and configure it. Use the tips under Before you start if they can't connect.