NFS-320/NFS2-640 Panels | USB Depopulation

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PROBLEM:

NFS-320/NFS2-640 Panels | USB Depopulation

A component obsolescence has been identified in the USB circuitry for the NFS-320/NFS2-640 Panels, and due to lack of availability of the part or suitable replacements we will be **depopulating the USB port for these panels.**

Without the USB interface, there are four alternative methods for connectivity to the configuration tool and to the network card.

ENVIRONMENT:

NFS-320/NFS2-640 Panels with no USB Port included on panel

SOLUTION:

NFS-320/NFS2-640 Panels | USB Depopulation

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Notice regarding NFS-320/NFS2-640 USB Depopulation

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OPTION 1 – Standalone Panel

- Use the NUP port (RS-232 Serial Port)

- This requires DB9-NUP cable (P/N 75554)
- To do this, you may need to free up a NUP connector by disconnecting whatever it's connected to.
- Use the below recommended Serial to USB converter to bridge this connection
  - EATON: Model Number USA19HS | Eaton
  - GEARMO: 5ft. USB 2.0 RS-232 Serial Adapter with LED Indicators

OPTION 2 – Network Installation

- Use the USB connector on the Network Card.

OPTION 3 – Any Installation with a connected Gateway

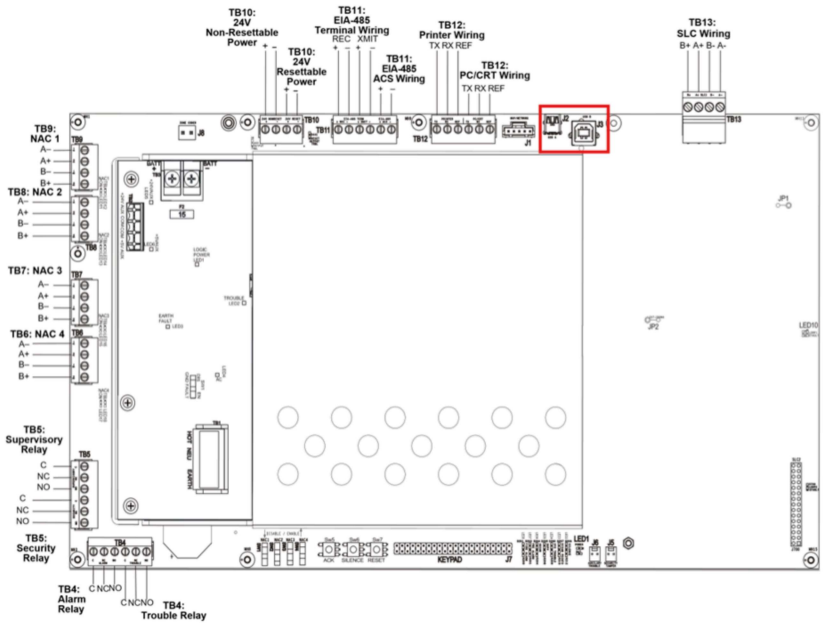
- For technicians with an expert subscription, or Gateways with Compliance Manager Premium subscription, use the CLSS Gateway for remote programming.

OPTION 4 – Standalone Panel

- Carry a High Speed or Standard Speed Network Card with you, connect it to the panel via the NUP port, and use the USB connector on the Network Card.
- After changing the node address from 0 to 1 while configuring, then back to 0 when finished, persistent open port troubles may remain on the panel. If this occurs, a panel reboot is required to clear the troubles.

More information on how to use each option can be found in Knowledge Article 000066694 at this link.

The following graphic depicts the layouts of the CPU2-640PCC and CPU-320PCC



CPU2-640 Wiring Connections

Terminal Block/Connector	Description	Specifications
J1	Network/Service Connection (NUP)	• Power Limited (Class 2) • Supervised
J2	USB-1 VeriFire Tools Connection	Depopulated
J3	Depopulated – VeriFire Tools Connection	Depopulated

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