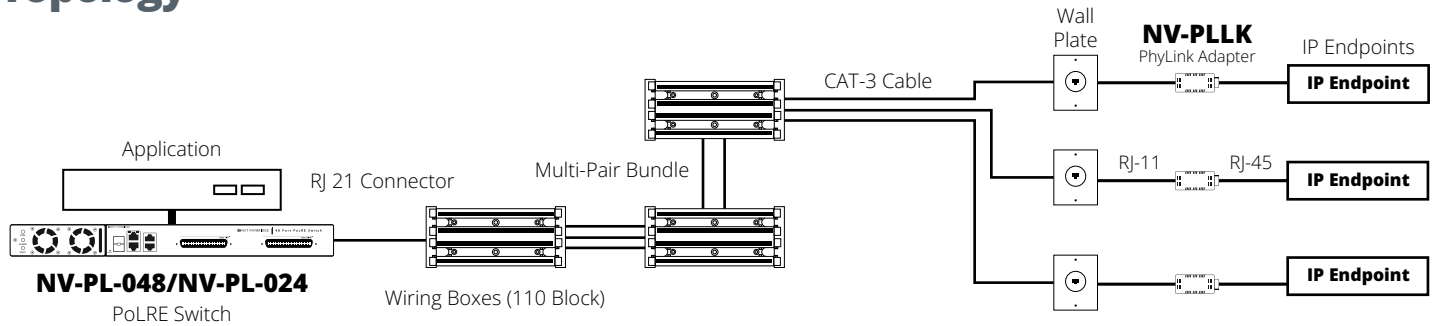


## 802.1X Overview

Thank you for your purchase of a PoLRE switch with enhanced security capabilities! We've added in the ability to support 802.1X to the PoLRE family of products.

## Topology



## Requirements

NV-PL-048

NV-PL-024

NV-PLLK

You will need the following in order to successfully setup 802.1X on a PoLRE unit:

- Network access to the PoLRE via Telnet or SSH.
- Working knowledge of the PoLRE and setup of all services required.
- A RADIUS server that has been verified to work as intended for 802.1X environments.

## Configuration

Command	Usage
<b>pal-show-dot1x all</b>	Used to show all 802.1X information of the switch
<b>pal-show-dot1x &lt;1-48&gt;</b>	Used to show 802.1X configuration of the specified port is on or off
<b>pal-show-dot1x radius</b>	Used to show the radius server information
<b>pal-show-dot1x reauth-period</b>	Used to show the reauthentication period value
<b>pal-set-dot1x &lt;1-48 all&gt; {on off}</b>	Used to set 802.1X on or off on a port or all ports
<b>pal-set-dot1x radius &lt;IP&gt; &lt;SECRET&gt;</b>	Used to set the Radius server IP and secret
<b>pal-set-dot1x reauth-period &lt;SEC&gt;</b>	Used to set the reauthentication period value

### Example Configuration:

```
pal-set-dot1x radius 192.168.100.2 Ad92kjrfeun
```

```
pal-set-dot1x all on
```

```
pal-set-dot1x reauth-period 300
```