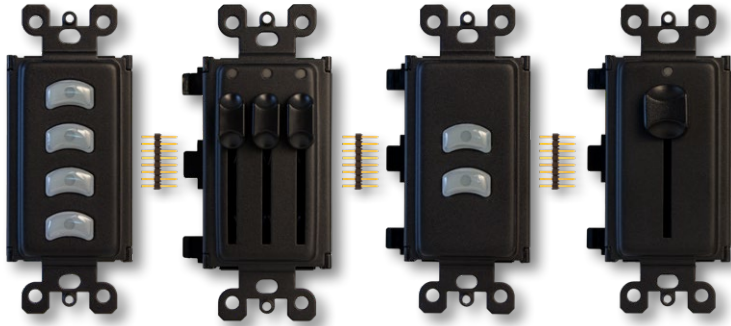# Architectural Wall Stations
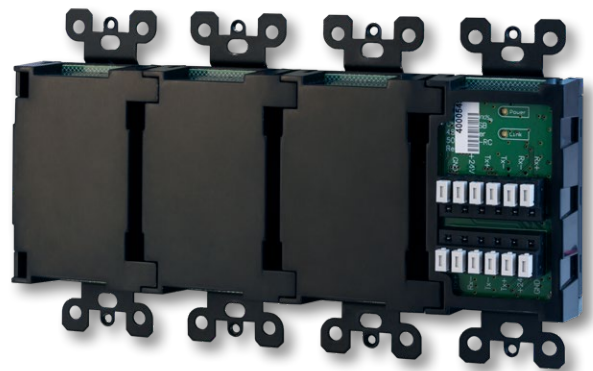
- Use NSB (Networked Sliders and Buttons) to extend the control of your Choreo or Cognito^2 architectural system

- Use Vignette to snapshot DMX512 and sACN

- Station inserts let you build the wall station you want from one to six gangs wide

- Either system may use PoE wiring that is homerun to a switch or a 485 daisy-chain bus topology using an architectural gateway

NSB (NETWORKED SLIDERS AND BUTTONS)

- Design wall stations from one to six gangs wide that are fully compatible with Cognito²™ and Choreo™ lighting control platforms

- Two button or four button and single, dual, or triple slider inserts available in white or black

- Any button or slider may be associated with memories recorded on a Cognito² or Choreo. A slider can be configured as a master for an entire memory page

- Works with Rooms to control lights in its own space

- Discovery and configuration from within Cognito² or Choreo
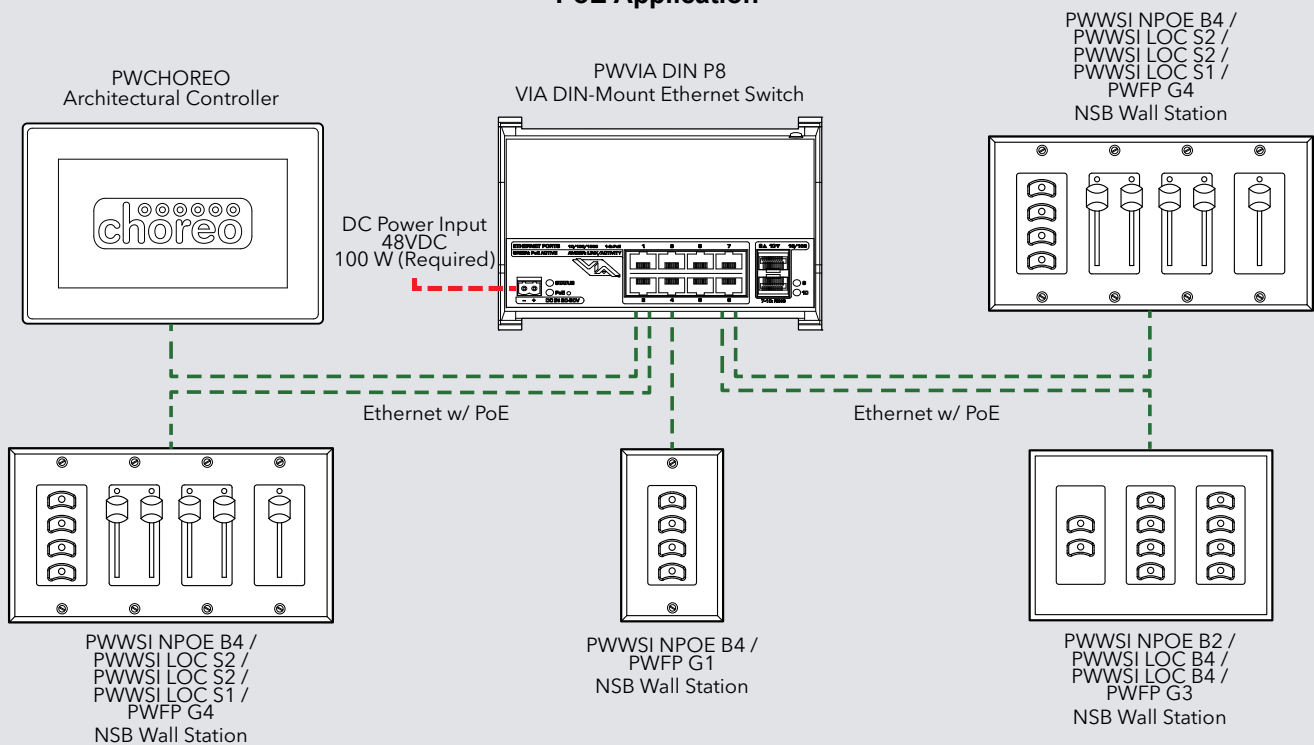
Network Wiring Options

- Use either a VIA PoE switch or the NSB Architectural Gateway with or without local contact closures

- When using Cat5/6 wiring for the 485 station bus, use the supplied IDC connectors

- Use the compression screw terminal blocks when retrofitting an existing system with Belden 9773 in the walls

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HOW IT WORKS

PoE Application

PWCHOREO
Architectural Controller

PWVIA DIN P8
VIA DIN-Mount Ethernet Switch

**PWWSI NPOE B4 /
PWWSI LOC S2 /
PWWSI LOC S2 /
PWWSI LOC S1 /
PWFP G4**
NSB Wall Station

DC Power Input
48VDC
100 W (Required)

Ethernet w/ PoE

Ethernet w/ PoE

**PWWSI NPOE B4 /
PWWSI LOC S2 /
PWWSI LOC S2 /
PWWSI LOC S1 /
PWFP G4**
NSB Wall Station

**PWWSI NPOE B4 /
PWFP G1**
NSB Wall Station

**PWWSI NPOE B2 /
PWWSI LOC B4 /
PWWSI LOC B4 /
PWFP G3**
NSB Wall Station
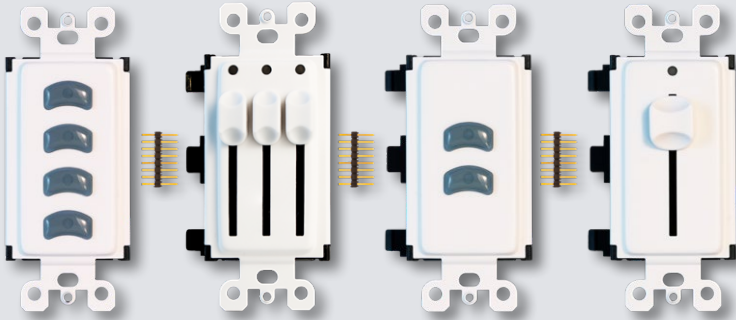
VIGNETTE

- Snapshot four universes of sACN or DMX512
- Use Pathscape to define Zones of DMX addresses with minimum and maximum levels
- Group stations to mirror each other or work independently
- The system automatically yields control with the presence of theatrical controller coming online
- Buttons have multiple functions including snapshot replay, non-dim zones, show mode take control, priority override and record enable
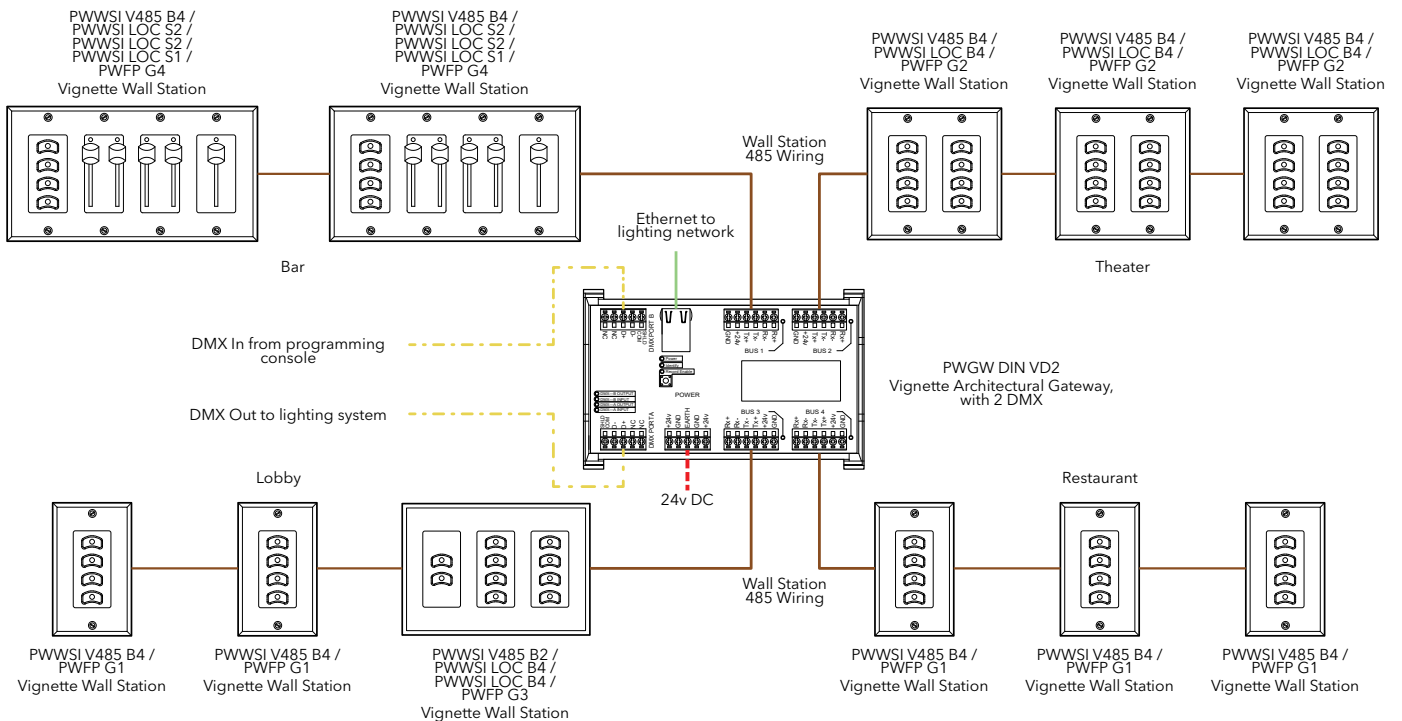- Sliders can act as zone control or grand master

Network Topologies

- PoE systems require a Pathport gateway to output DMX512
- Vignette 485 Architectural Gateways are available with or without contact closures and/or DMX512 inputs/outputs
- Each of the four busses on a Vignette Architectural Gateway can support up to 16 inserts
- CognitoPC Offline Editor will function as a snapshot builder without a license dongle

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HOW IT WORKS

485 Application

PWWSI V485 B4 /
PWWSI LOC S2 /
PWWSI LOC S2 /
PWWSI LOC S1 /
PWFP G4
Vignette Wall Station

PWWSI V485 B4 /
PWWSI LOC S2 /
PWWSI LOC S2 /
PWWSI LOC S1 /
PWFP G4
Vignette Wall Station

PWWSI V485 B4 /
PWWSI LOC B4 /
PWFP G2
Vignette Wall Station

PWWSI V485 B4 /
PWWSI LOC B4 /
PWFP G2
Vignette Wall Station

PWWSI V485 B4 /
PWWSI LOC B4 /
PWFP G2
Vignette Wall Station

Wall Station 485 Wiring

Bar

Theater

Ethernet to lighting network

DMX In from programming console

DMX Out to lighting system

PWGW DIN VD2
Vignette Architectural Gateway, with 2 DMX

24v DC

Lobby

Restaurant

Wall Station 485 Wiring

PWWSI V485 B4 /
PWFP G1
Vignette Wall Station

PWWSI V485 B4 /
PWFP G1
Vignette Wall Station

PWWSI V485 B2 /
PWWSI LOC B4 /
PWWSI LOC B4 /
PWFP G3
Vignette Wall Station

PWWSI V485 B4 /
PWFP G1
Vignette Wall Station

PWWSI V485 B4 /
PWFP G1
Vignette Wall Station

PWWSI V485 B4 /
PWFP G1
Vignette Wall Station

Pathway®
Connectivity Solutions

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