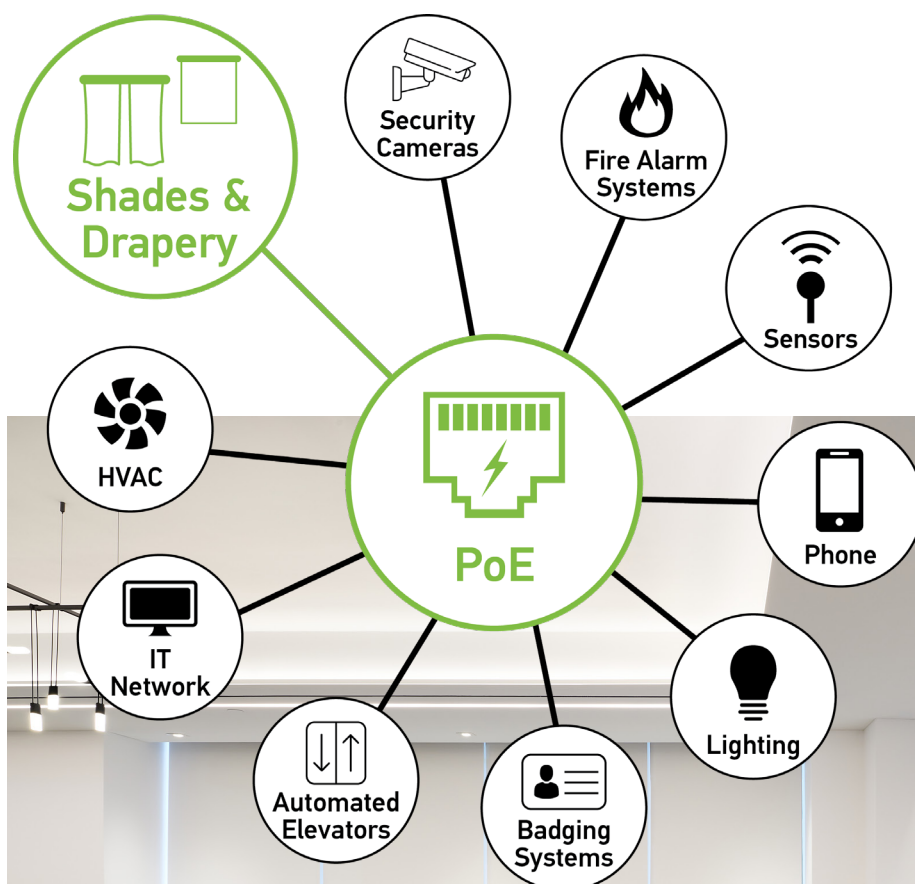


PoE SHADING

Innovative Control Of Motorized Window Treatments Using Power Over Ethernet



What is Power over Ethernet (PoE)?

Power over Ethernet distributes network signals and electrical power to transmit communication over standard low-voltage category cabling to various endpoints, including shades, draperies, LED lighting, HVAC controls, cameras, and other networked devices in new or existing projects.

Benefits of PoE



CUT COSTS: Lower infrastructure costs and capital expenses by eliminating wall circuits for endpoints and consolidating continuous power supply systems.



SAVE TIME: Shorten deployment time through reducing the stages of construction and installation.



EFFICIENCY: Simplifies the building code process for new construction or renovations.



CONSERVE ENERGY: Reduce energy expenditures using Cisco energy management systems.



IMPROVE PERFORMANCE: Extend intelligent load-shedding capabilities to switch-connected devices.

What is the PoE Gateway?

- Power and data over single-layer infrastructure
- Safe and cost effective to install
- Based on Ethernet standard
- Future proof and upgradeable
- Human centric control with motorized shading
- Shades can be used to communicate information to users
- Can be integrated with other systems

Why use PoE for Shading Systems?

- PoE delivers data and power over Cat5e/Cat6 Ethernet cable
- Reduces costs by eliminating the need for AC or DC power supplies
- Less requirements and dependence on electricians for installation
- Ethernet cable is less expensive than typical line voltage or specialized low-voltage cabling
- Great for installing products in remote locations

When to use PoE for Shading Systems



NEW CONSTRUCTION:

- When it's convenient to install a low-voltage cabling network
- Streamline process of project installation coordinating with low-voltage network installer



RENOVATION:

- When a PoE system is already in place or going to be added
- Simple use ports of an existing or added network switch
- Easier to power motors using low-voltage cable over line-voltage

Power over Ethernet (PoE) Ready

The PoE Gateway is ready for fast easy connectivity using an RJ45 input, compatible with standard Cat5e or Cat6 UTP cables.



Notable DFB PoE Projects



1 Manhattan West

A new 67-story office tower. DFB installed our PoE Shading system on 9 floors and 1,100 windows.



DFB Sales
2107 Borden Avenue
Long Island City, NY 11101
dfbsales.com