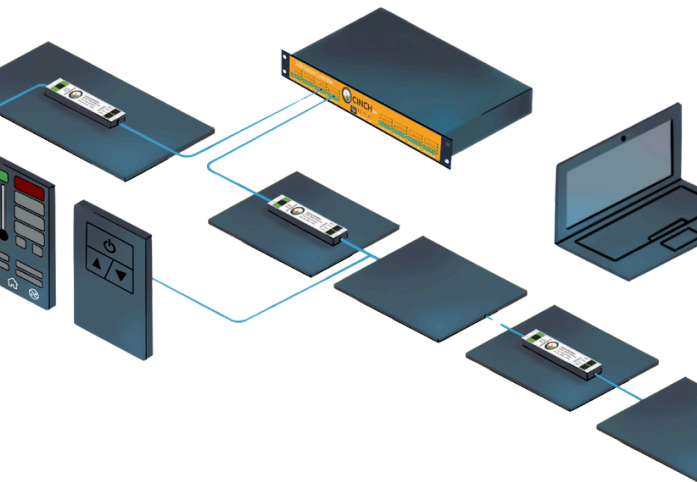




Cinch's 2-wire low voltage lighting system creates a smart building backbone. The system is a platform for lighting, air quality, and people monitoring. It boosts productivity, comfort, health, and safety while saving energy.



Advantages

- 20% Lower CAPEX
- 40% Less Copper
- 50% Lower OPEX
- 70% Less labor
- 100% Less steel conduit
- 10X apps/future proofed
- Any light/any sensor
- Safe

System Basics

The system combines power and communications on two 18 gauge wires. This makes it easy to design, install and operate. More importantly, the robust central power supply provides clean, stable, conditioned power, ensuring decades of trouble-free operations. Light circuits can operate up to 600'.

Every circuit supports lights and sensors including: temperature, humidity, VOCs, Particulates, Smoke, Infrared, gun shot and more.

Deployments

The system is ideal for use anywhere a traditional AC lighting and control system is deployed:

- Office Buildings
- Schools
- Hospitals
- Data Centers
- Convenience stores & more

CONTROLLERS & UPS



Cinch offers four models: 16 & 32 Ports and a 16 or 32 port with a UL924 listed UPS. All ports can provide 100W and data communications simultaneously. Each circuit can support up to 4 mighty micro drivers and sensors and wall switches.

ANY LIGHT

The system works with nearly any low voltage LED light from troffers to pendants and bollards to street lights. When powered by our emergency controllers, the system enables most lights to act as emergency egress lights—removing the need for unsightly bug-eyes.

LIGHTING APPLICATIONS

The system supports standard sequence of operations, scenes, playlists, plug load control, and power for other low-voltage DC loads. Data is stored in the cloud and the available API enables third party integrations. Here it can be used with advanced 3rd party applications.

UNCOMMON APPLICATIONS

The system is used to support constant real-time temperature sensing of critical infrastructure such as bus bars & switch gear. Our air quality monitoring sensors track CO2, temperature, humidity and they can also provide early smoke detection in data halls and other mission critical facilities.

Contact us to learn how we can help you solve some of your complex power and communication problems.



CINCH ONE

The Cinch System acts as an IoT data water shed to collect real-time sensor information for use by agentic AI tools. These help owners and operators run their buildings effectively with limited intervention.

ABOUT CINCH

Cinch was founded by smart building industry experts. Products are designed and manufactured in the USA



[CINCHIOT.COM](https://cinchiot.com)