

## Revolutionizing Power Distribution in Security Applications with Panduit FMPS

Security and surveillance network spend is growing by double digits year over year. With higher power devices getting further from the IDF safe scalable power solutions are critical to meet this critical network needs.

### Leading Challenges:

- Consistent clean power beyond 150m
- Merging new and legacy hardware systems
- Add-ons and expansions to the security network
- Limited pathways for fiber and structured cabling
- Backup power for critical network elements
- Creating scalable future proof architectures for new builds

### Popular Solutions :

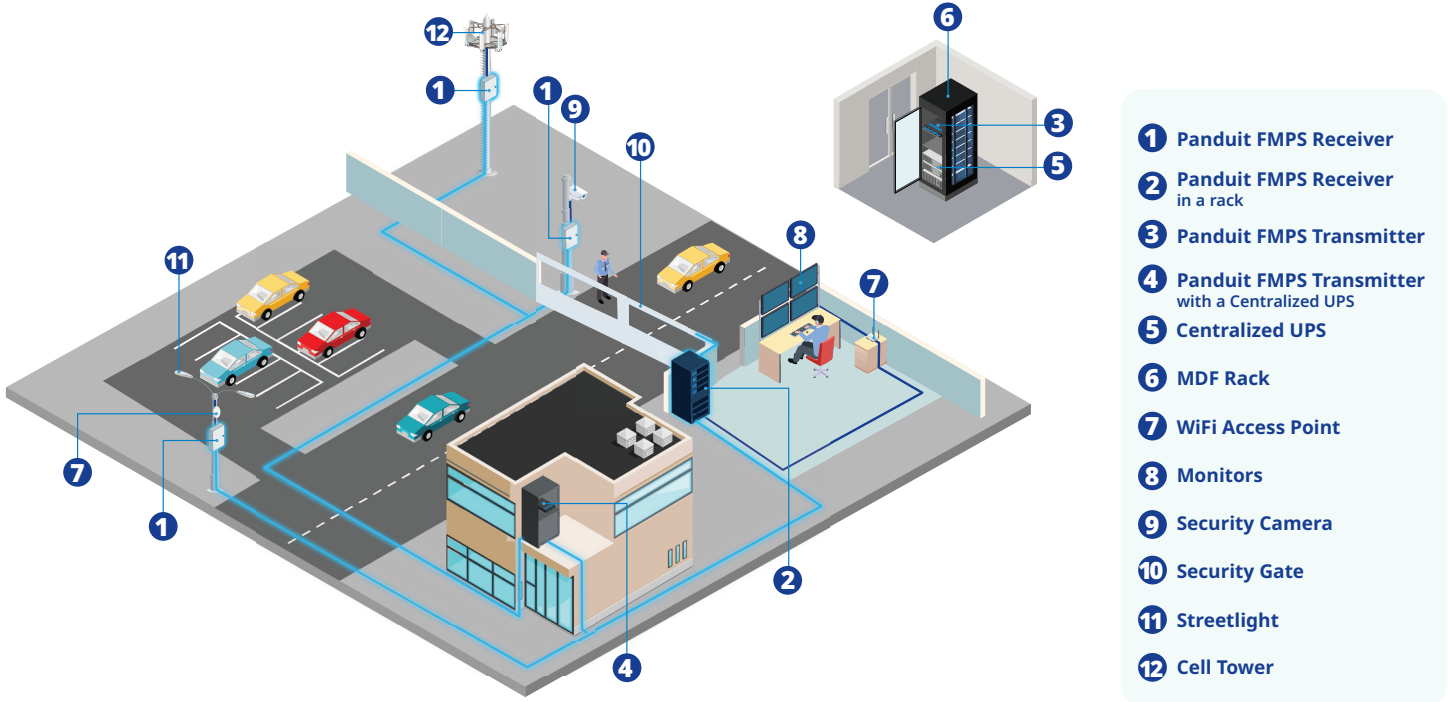
- Powering media converters at extreme distances
- Parking lot and parking garage camera pods
- Power for gates, card readers, and guard houses
- Powering edge switches for POE++

Feature	Advantage	Benefit
Safe high voltage DC power distribution	Use smaller cabling and go longer distances	Reduces pathway space by 50%
6,500ft power transmission range	Create an 800 Acre footprint	More than 100X greater reach
600 Watts of Power per Pair	Eliminates the need to extend A/C power	75% cost reduction for outdoor power applications
Power and data connectivity in the same path	Easier faster installation with less space	Install new power in half the time
Modular hardware design	Easy to standardize and maintain	Reduce down time by 25%
Central power distribution	Add battery backup to every connected device	Reduce the complexity and maintenance of the UPS network by 70%
Integrated monitoring and management	Complete visibility into your power network	Improves network efficiency by 30%
Designed and manufactured by Panduit	Works seamlessly with Panduit Network Connectivity	1 Vendor = complete solution
Class-4 Power System - Listed to UL1400	Validated to a rigorous safety standard	Significant reduction to risk and liability
Rated to SIL 3	99.99% safety factor	Trusted in mission critical applications

### Can FMPS Power That?

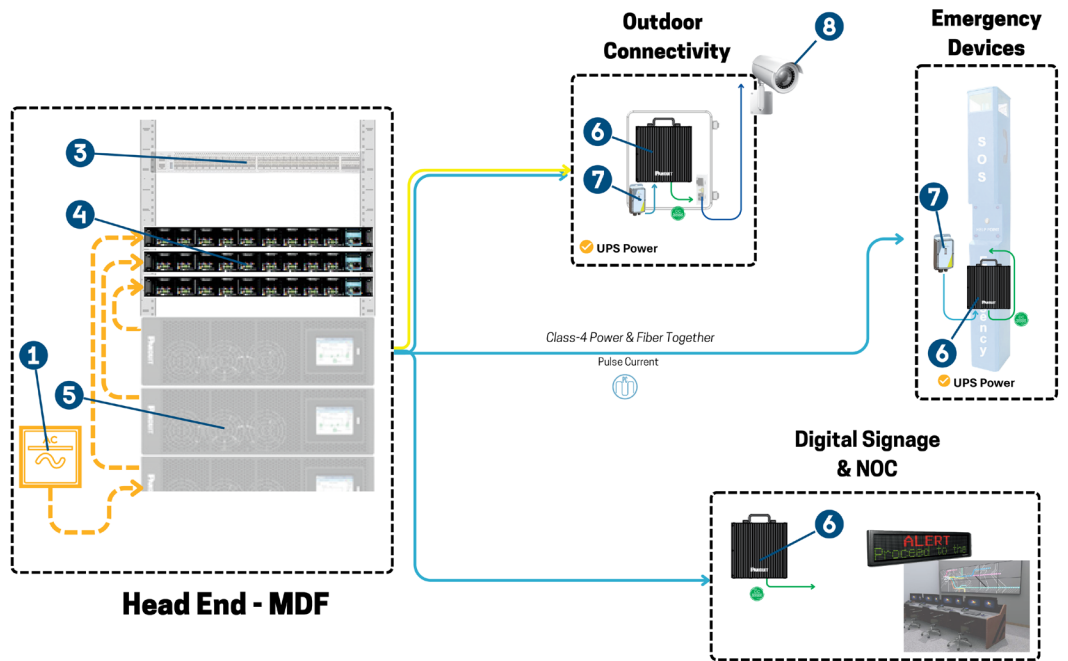
- ✔ Media Converters
- ✔ Direct Connection DC
- ✔ Cameras
- ✔ Call Stations

**Common Security Architectures**



- 1 Panduit FMPS Receiver
- 2 Panduit FMPS Receiver in a rack
- 3 Panduit FMPS Transmitter
- 4 Panduit FMPS Transmitter with a Centralized UPS
- 5 Centralized UPS
- 6 MDF Rack
- 7 WiFi Access Point
- 8 Monitors
- 9 Security Camera
- 10 Security Gate
- 11 Streetlight
- 12 Cell Tower

- 1 A/C Power Panel
- 2 Fiber Patch Panel
- 3 Network Switch
- 4 FMP Transmitter
- 5 Panduit UPS
- 6 FMP Receiver
- 7 Lightning Protection
- 8 Security Camera
- 9 POE Light Fixture



- FMPS Cable
- Fiber Cable
- A/C Power Cable
- Control Cable
- Category Cable
- Generic Data Cable
- DC Power Cable