

# Panduit Infrastructure for Cybersecurity Strategies

1 Wire Basket  
Overhead Cable  
Tray Routing  
System

3 Vari-MaTriX HD  
Category 6A Cable

To Integrated Network Zone  
Systems or Switches

13 **FMPS Transmitter**

**Main Data Center  
Active/Standby  
Architecture**

**Centralized UPS Intelligent Power  
Solutions with FMPS Transmitter**

Highly reliable, efficient power distribution  
With secure access and manageability

12 **EL2P Intelligent PDUs**

2 **RapidID™ Network  
Mapping System**

Automated network  
mapping system for cabling  
and assets. Print your  
RapidID Labels with  
Panduit MP Series Printers

**PANDUIT  
RAPIDID**

**Cat6A**

**FMPS**

4 **FMPS Class 4 Cable**

Class 4 Copper Cable 3-  
Pair to deliver 600watts in  
each Pair up to 2KM

**Door Security and  
Temperature Sensor**

11



Panduit TrueEdge™ Vertical Wall Mount Enclosure is a solution that can be deployed in multiple environments: corporate offices, schools, hospitals, transportation, warehouse, industrial plant floors, or data centers.

5 **Panduit MP Series  
Printers**

Switches

Servers /  
Storage

Firewalls

**Indoor**

**OS2**

**DC**

13 **FMPS Receiver**

Connectivity  
Inside  
Enclosure

**Intelligent Security Handle**

8 Physical Protection

9 **UPS Intelligent Power  
Solutions**

Highly reliable, efficient  
power distribution  
with secure access and  
manageability

**Block-out and Lock-in Devices**

10

7 **Panduit TrueEdge™ Vertical  
Wall Mount Enclosure**

3RU, 6RU, 9RU PanZone Enclosure

**Active/Standby  
Architecture**

Color  
Coding  
Legend



DC  
Power  
Single Mode  
Fiber



Vari-Matrix  
HD Cable



FMPS Class 4  
Cable

# BOM reference  
(Ref.) number on  
back page

PCD0018-APR26-ENG



**Disaster Recovery Solution**

# Bill of Materials

Ref.	Part Number	Description
<b>Enclosure</b>		
7	WME6WH	TrueEdge™ Vertical Wall Mount Enclosure, 6RU, White
<b>Fault Managed Power (FMPS)</b>		
4	PXTC1ARA	FMPS Class 4 Transmitter Chassis 4.8KW, 3 PSU IN, 9 Transmitter Module OUT
14	PXTM1AF	FMPS Class 4 Transmitter Module 600W
14	PXU1AJANNNXX	FMPS Class 4 Power Supply Unit 1.6KW, AC, C19 Input
4	PXR1AJF	FMPS Class 4 Receiver 1.6KW, 56VDC, 3 Input, 3 Output
7	PXUP316AWH-UQ	Class 4 Copper Cable, FMPS, 3-pair, 16/19 AWG, Unshielded, CMP, White
<b>Block-Out and Lock-In Devices</b>		
10	PSL-DCPLE	RJ45 Plug Lock-In Device, Red
10	PSL-DCJB-BL	RJ45 Jack Module Block-Out Device, Black (10)
	PSL-LCAB	LC Duplex Adapter Blockout Device, Red
<b>Pathways</b>		
1	PWB4X18EZ	Wire basket Overhead Cable Tray Routing System, 4 in. deep x 18 in. wide, electro zinc finish. Compatible with splic connectors, sidewalls, waterfalls, mounting brackets, and accessories.
<b>Power Solutions</b>		
9	U03N11V	Uninterruptible Power Supply, 3kVA, 2U, 120V, VRLA, single phase, double-conversion on-line power protection with intelligent network card and rail kit
12	E42D07L	Enhance data center efficiency with our EL2P PDU offering. Benefit from real-time power monitoring, space-saving design, and rapid fault detection for improved system reliability. EL2P MI PDU, 30 AMP, 3 PH , 42 OUTLETS
8	ACF06	Intelligent Rack Security Handle with Humidity Sensor and Keypad
8	ACF20	Smart Rack Security Handle Harness
11	ACF10	Temperature and Door Sensor
<b>Category 6A Vari-MaTriX Cable</b>		
3	PUP6AHD04IG-G	TX6A™ Category 6A UTP Copper Cable with Vari-MaTriX Technology
<b>RapidID - Patchcords and Identification</b>		
2	UTP28X3BU	Category 6A 28 AWG UTP Copper Patch Cord, 3 ft, Blue
5	T100X000BPM-BK	PXE Cassette, Continuous Tape, Polyester, 1" W x 30' L, BL/WH (RapidID Labels)
5	MP300	PXE™ MP300 Mobile Label Printer

For an expanded product offering visit [panduit.com](http://panduit.com).

## About this Configuration

This cybersecurity-ready infrastructure is designed following international best practices and compliance frameworks including: NIST, NIS2, ISO/IEC 27001, TIA-5017, NIST SP 800-53 and IEC 62443, ensuring a resilient, scalable, and secure foundation for mission-critical applications.

## Server, Switch, and Storage

Critical assets such as server, UPS, PDUs and storage are deployed in the enclosure to follow the best air flow and safety for the complete solution. All active equipment is oriented to ensure front-faced serviceability, reducing operational risks.

## Cable Management and Pathways

High-density fiber and copper cabling routed through overhead wire basket trays with proper slack management, bend-radius protection, color code, and horizontal/vertical managers. This reduces signal degradation, ensures compliance with NIS2 requirements on physical resilience, and enables efficient MACs (moves, adds, and changes).

## Power Distribution Delivery & Continuity

Redundant FMPS power supplies and centralized UPS deployment provide highly reliable DC power distribution with intelligent monitoring. EL2P PDUs deliver branch-circuit level visibility, environmental sensing, and proactive alarms, supporting disaster recovery and NIS2-aligned continuity of service obligations.

## Cybersecurity & Asset Management

RapidID automated mapping and intelligent labeling accelerate asset tracking, reduce human error, and support compliance reporting. Integrated door security, temperature monitoring, and intelligent handles reinforce asset protection and meet NIS2 obligations for secure asset management as a part of a defense-in-depth strategy.

## Identification & Resilience

Color-coded pathways and bar-coded patch cords streamline maintenance, audits, and regulatory inspections. Active/standby architecture ensures service continuity in case of component failure or compromise, directly supporting NIS2 Disaster Recovery and Business Continuity requirements.

This architecture reference delivers end-to-end resiliency, blending physical infrastructure, intelligent power, and automated identification to mitigate cyber-physical risks, achieve NIS2 compliance, and enable sustainable digital transformation.

For more information contact your local distributor, Panduit Sales Representative, or the Panduit Industrial Network Infrastructure team at [networkinfrastructure@panduit.com](mailto:networkinfrastructure@panduit.com).

