



PANDUIT[®]

 **ATLONA**[®]
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Drive Productivity and Efficiency in a Smart Office Building

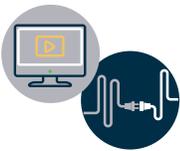
Overview

Today's office buildings are getting smarter, which leads to increased productivity and efficiency and greater demand for these types of spaces.

A robust network infrastructure allows you to support:



Always-on wireless and cellular connectivity for laptops, tablets, phones, and other devices



Collaboration in conference rooms, huddle spaces, and training centers with AV technology that allows employees to connect and share ideas from anywhere



Smart building solutions that control lighting, HVAC, blinds, access, security, and a myriad of other systems

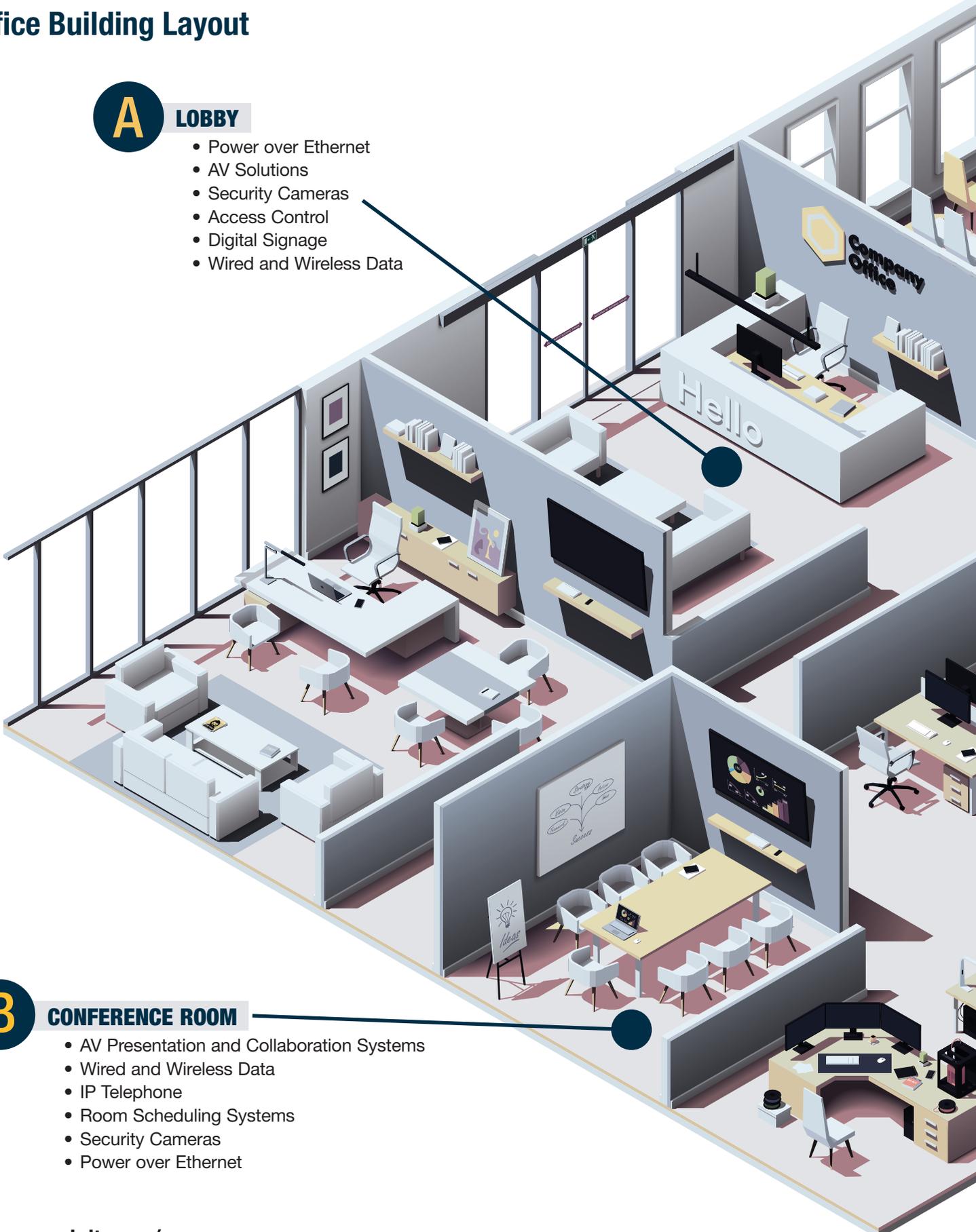




Office Building Layout

A LOBBY

- Power over Ethernet
- AV Solutions
- Security Cameras
- Access Control
- Digital Signage
- Wired and Wireless Data



B CONFERENCE ROOM

- AV Presentation and Collaboration Systems
- Wired and Wireless Data
- IP Telephone
- Room Scheduling Systems
- Security Cameras
- Power over Ethernet



C

WORKSTATIONS

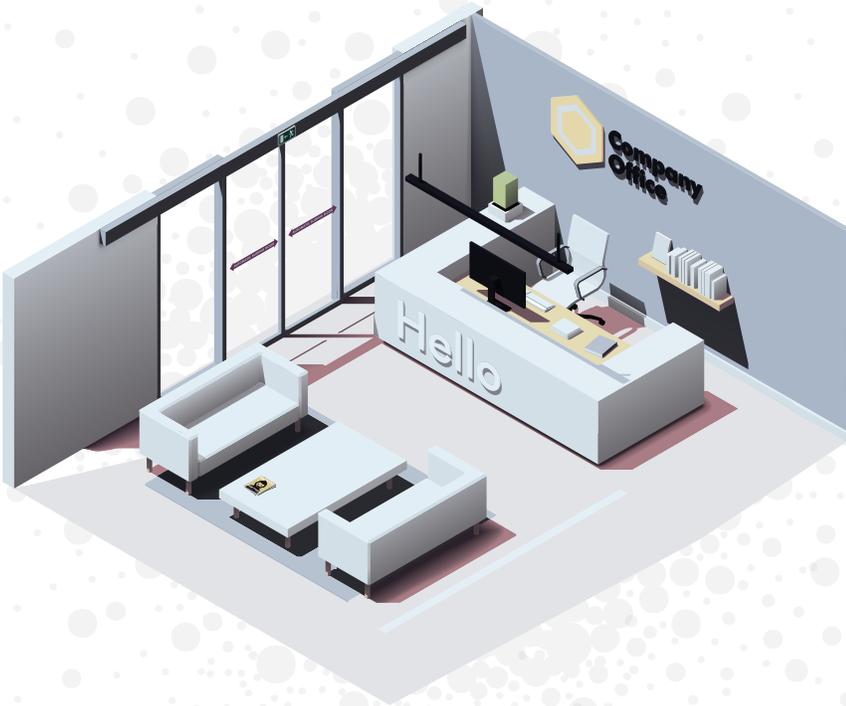
- Wired and Wireless Data
- Zone Cabling and Enclosures
- Smart Lighting
- Smart HVAC Systems

D

TELECOM ROOM

- Copper and Fiber Cabling Systems
- Racks, Enclosures, and Cable Management
- Power Management
- Cable Routing and Pathways

Room By Room

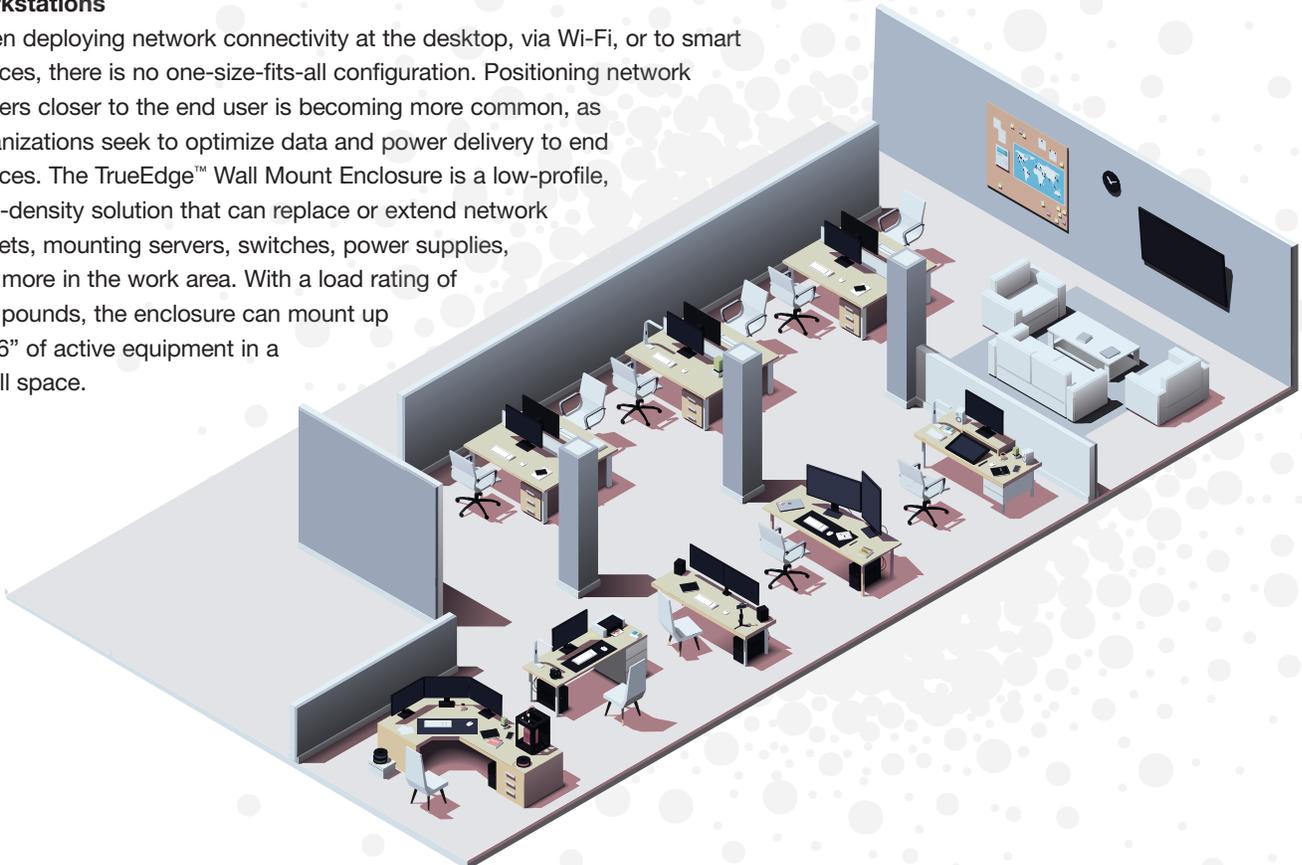


Lobby

The office lobby is a multi-functional space, where security is of utmost importance. Ethernet-connected access systems allow employees to pass through secure checkpoints with a swipe of a badge or phone, while stopping those who don't have access. Easily connect access control systems, security cameras, and wireless access points to the structured cabling system with field-terminated modular plugs. The Panduit field term plug and FieldCord™ Connector are standards-based solutions that quickly terminate directly to horizontal cable to deliver data and power to the Ethernet-connected devices that keep lobby areas functional and secure.

Workstations

When deploying network connectivity at the desktop, via Wi-Fi, or to smart devices, there is no one-size-fits-all configuration. Positioning network servers closer to the end user is becoming more common, as organizations seek to optimize data and power delivery to end devices. The TrueEdge™ Wall Mount Enclosure is a low-profile, high-density solution that can replace or extend network closets, mounting servers, switches, power supplies, and more in the work area. With a load rating of 400 pounds, the enclosure can mount up to 36" of active equipment in a small space.





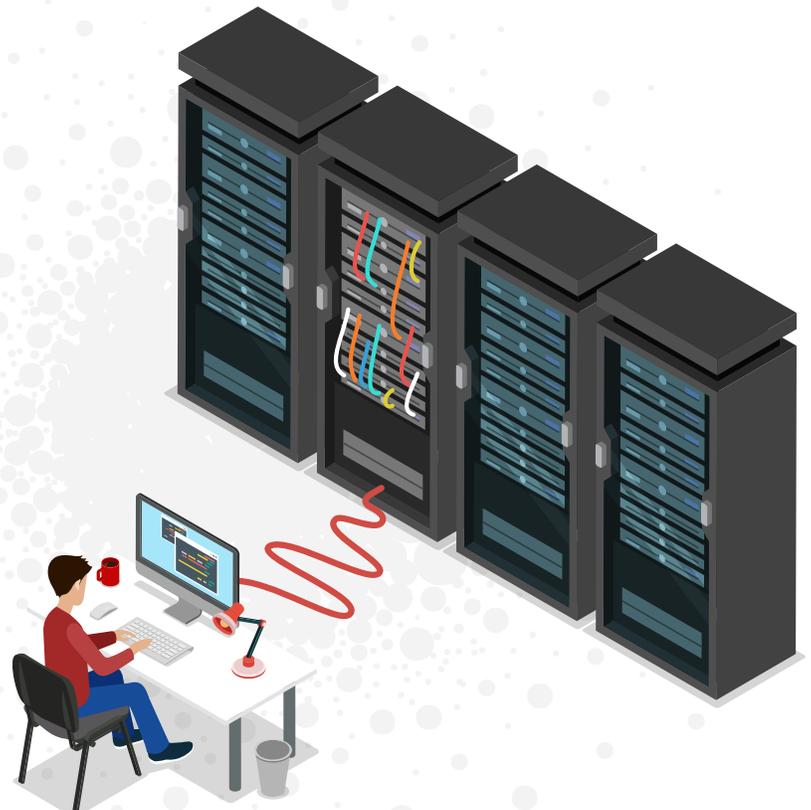
Conference Rooms

Whether your office staff is on-site, remote, or a mixture of both, conference rooms provide a space to connect and collaborate. Atlona AV systems make it easy to connect to in-room systems via the user's device. The Omega™ AV System can support a single display or dual display conference room, with USB-C and HDMI inputs to allow BYOD device connection. Captivate™ USB cameras and speakerphones allow users to easily converse and collaborate.

Inside the room, the Atlona Velocity™ Control System offer easy, touchscreen control capability for the AV systems; mounted outside the room, Velocity's room scheduling feature manages the room schedule.

Telecom Room

Configure a state-of-the-art telecommunications room with adjustable 4-post racks, cable management systems, and patching solutions that save time and space. Switch patching is clean and easy with vertically numbered patch panels that match switch port numbering, paired with short 28 AWG patch cords. Angled patch panels direct cables to vertical cable managers on the side of the rack, freeing up space for additional equipment. And, all Panduit patch cords are pre-labeled with bar code labels that are compatible with the RapidID™ Network Mapping System, making it simple to document the cable installation, and manage the installation over time.



Ordering Information

Lobby
Workstations
Conference Room
Telecom Room



Part Number	Description	A	B	C	D
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Horizontal Cable

PUP6AHD04BU-G	Category 6A U/UTP copper cable with Vari-MaTriX HD technology, plenum, 4-pair, Blue	✓	✓	✓	✓
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Copper Patch Cords



UTP6AX7BU	Category 6A performance, 24 AWG, UTP patch cord, CM, Blue, 7 ft.	✓	✓	✓	✓
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UTP28X7BU	Category 6A performance, 28 AWG, UTP patch cord, CM/LSZH, Blue, 7 ft.	✓	✓	✓	✓
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RJ45 Modules

CJ6X88TGBU	Category 6A, RJ45, 8-position, 8-wire jack module with MaTriX Technology. Supports high-bandwidth applications and is ideal for running next generation Power over Ethernet (PoE++). UL Rated: UL 1863 and UL 2043.	✓	✓	✓	✓
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FP6X88MTG	Category 6A UTP field term RJ45 plug for field termination of 4-pair unshielded twisted pair cable.	✓	✓	✓	
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FC-ICCP1MBU	TX6A™ Category 6A UTP FieldCord™ Connector for field termination of 4-pair UTP cable to connect devices with confined port spaces.	✓	✓	✓	
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Patch Panels, Faceplates, Boxes

CFPL2IWY	Single gang, flush mount vertical faceplate with label pockets; accepts two Mini-Com® modules.	✓	✓	✓	
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CPPL24WBLY	24-port modular patch panel with labels, supplied with factory-installed front removable snap-in faceplates.				✓
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CPP48FMVNSWBLY	Mini-Com® 48 port, 1 RU modular patch panel with vertical numbering to match switch numbering				✓
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CBX2IW-AY	Mini-Com® 2-port Low Profile Surface Mount Box accepts up to two Mini-Com® Modules, Off White. Includes built-in removable blank to add a second module. UL Rated: UL 1863 and UL 2043. Mounts easily with screws, adhesive tape, or magnet (sold separately). Accepts cable sizes through Category 6A.			✓	
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Lobby
Workstation
Conference Room
Telecom Room



Part Number	Description	C	D	E	F
Racks, Cable Managers, Enclosures					
R2P	Standard 19" EIA Aluminum 45 RU 2-Post rack with hardware kit and paint piercing bonding kit, numbered up.				✓
AR4P	Adjustable depth 19" EIA Steel 45 RU 4-Post rack that adjusts from 23 to 42" in 0.5" increments, numbered up.				✓
PR2VD08	PatchRunner™ 2 Vertical Cable Manager, dual sided with a metal backbone and molded plastic fingers with two full-length metal, dual-hinged push-to-close doors; 45 RU, 8 inches wide.				✓
PR2HF2	PatchRunner™ 2 Horizontal Single Sided Manager, 2 RU with a dual-hinged, magnetic front cover.				✓
WME3BL	TrueEdge™ Vertical Wall Mount Enclosure, houses 3 RU of active equipment and 3 RU of passive equipment in a 9.5-inch deep enclosure.	✓	✓		



AV Systems		C	D	E	F
AT-OME-MS52W	Omega™ 5x2 matrix switcher with USB and wireless link.			✓	
AT-OME-EX-RX	Omega™ HDBaseT receiver for HDMI with USB.			✓	
AT-AVA-EX70-KIT	Avance™ 4K/UHD HDMI extender kit with remote power.			✓	
AT-VTP-1000VL-BL	Velocity™ 10" touch panel provides user access to AV controls.	✓		✓	
AT-VGW-HW-3	Velocity™ hardware gateway handles AV switching, display power, and audio level controls.	✓		✓	
AT-VGW-SW	Velocity™ software server gateway that provides multiple rooms of IP-based AV control and room scheduling.	✓		✓	
AT-CAP-FC110	Captivate 4K PTZ auto-framing camera.			✓	
AT-CAP-SP100	Captivate USB/Bluetooth speakerphone			✓	

For more information, visit www.panduit.com/cre



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