



PANDUIT[®]

ATLONA[®]
a **PANDUIT** company



Enable Guest-Centric Technology in Hotels and Resorts

Overview

Hotel and resort operations can be demanding. Guests have high expectations for stays to be flawless, and meetings and events to be headache-free. Wireless connectivity isn't a luxury — it's a requirement. And, in facilities that host large events and conferences, Wi-Fi and cellular connectivity has to be scaled to meet both coverage and capacity. But networking needs in the hospitality industry go beyond Wi-Fi.



These tenants also need:



Wired connectivity for office functions and reservation systems, where network security is vital



AV systems that deliver clean, crisp communications, and are easy to connect with and use



Smart building technologies for systems like lighting and HVAC



Security systems



Guest room connectivity



Hospitality Layout

D CONFERENCE ROOM

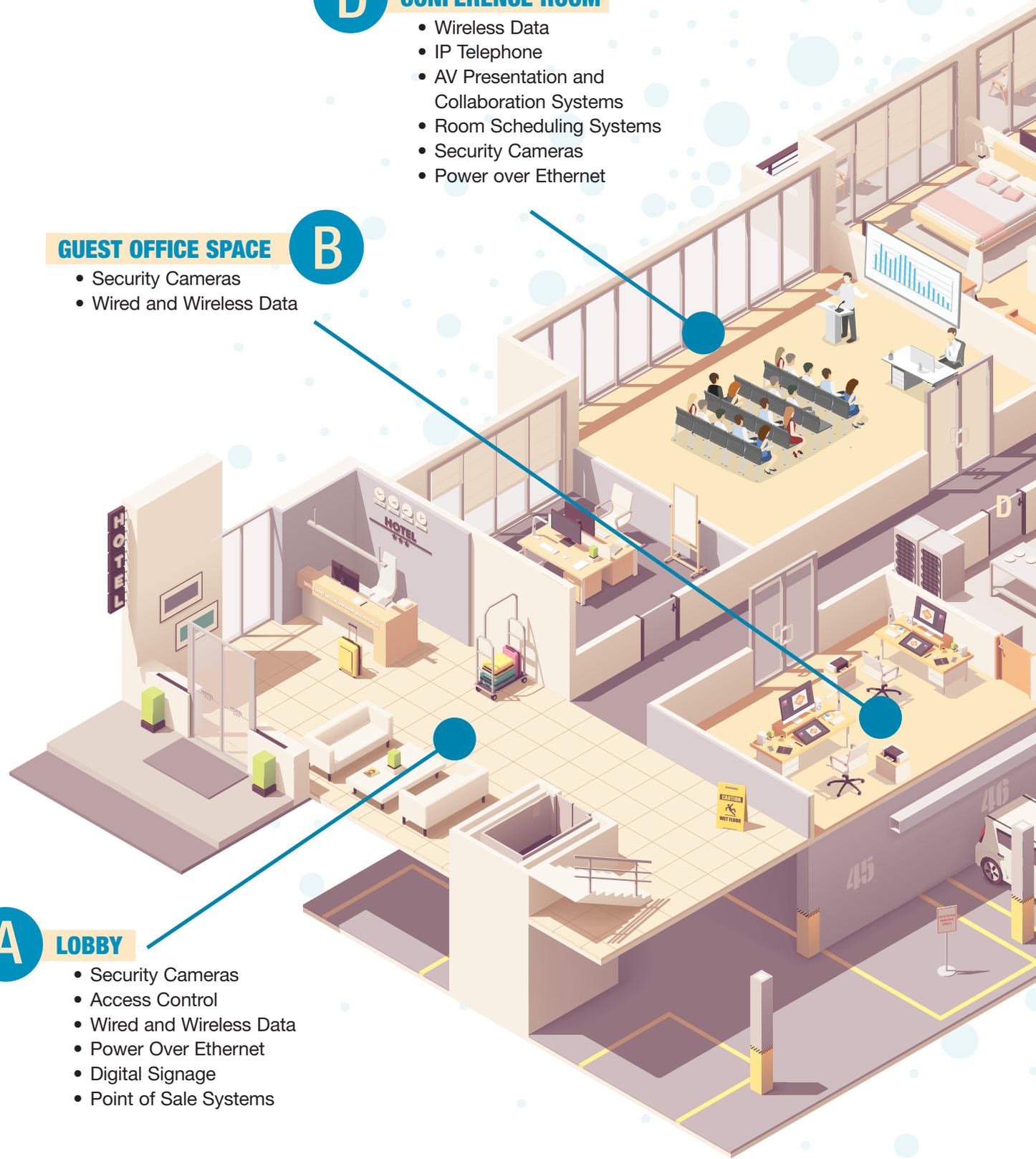
- Wireless Data
- IP Telephone
- AV Presentation and Collaboration Systems
- Room Scheduling Systems
- Security Cameras
- Power over Ethernet

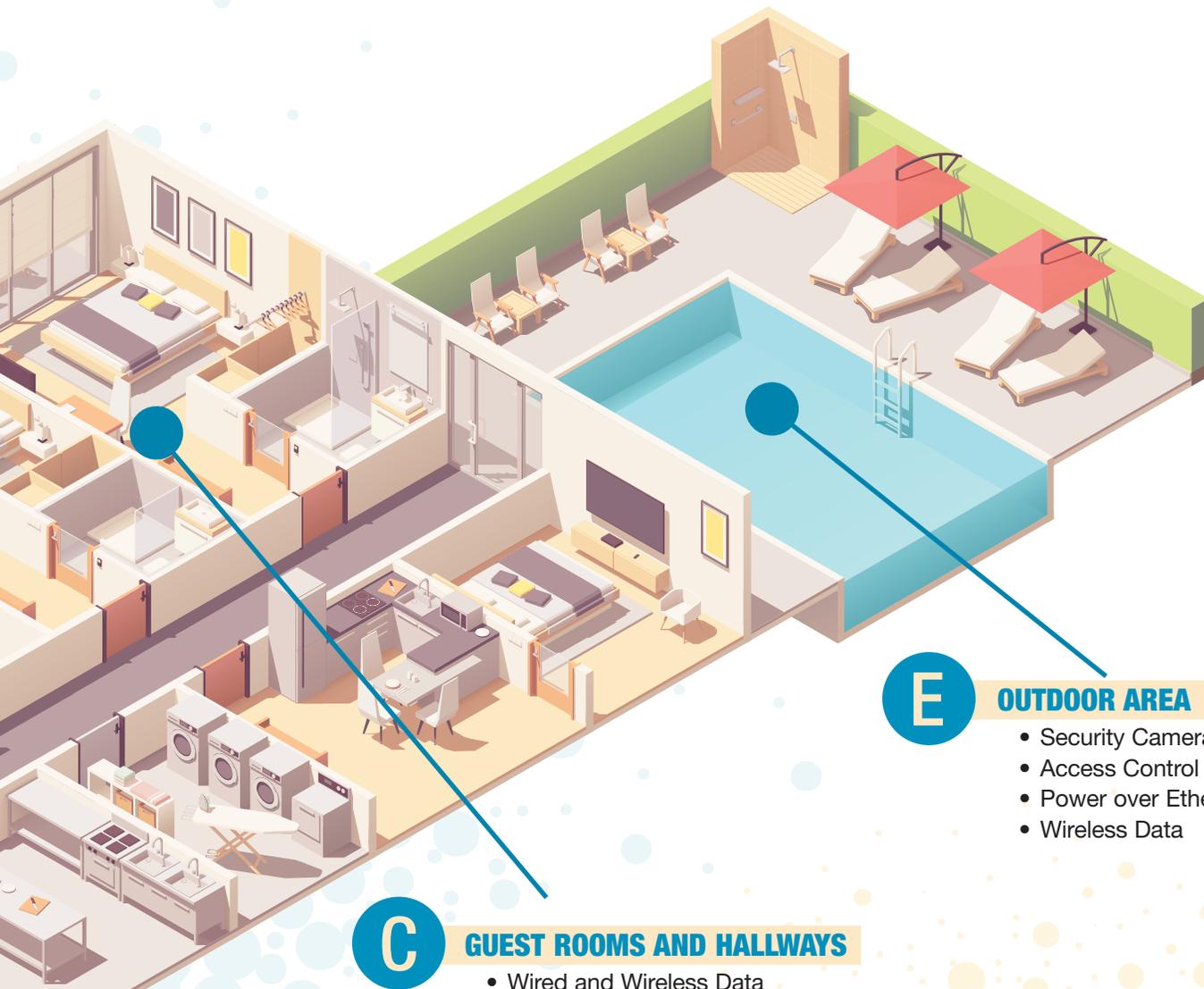
B GUEST OFFICE SPACE

- Security Cameras
- Wired and Wireless Data

A LOBBY

- Security Cameras
- Access Control
- Wired and Wireless Data
- Power Over Ethernet
- Digital Signage
- Point of Sale Systems





E **OUTDOOR AREA**

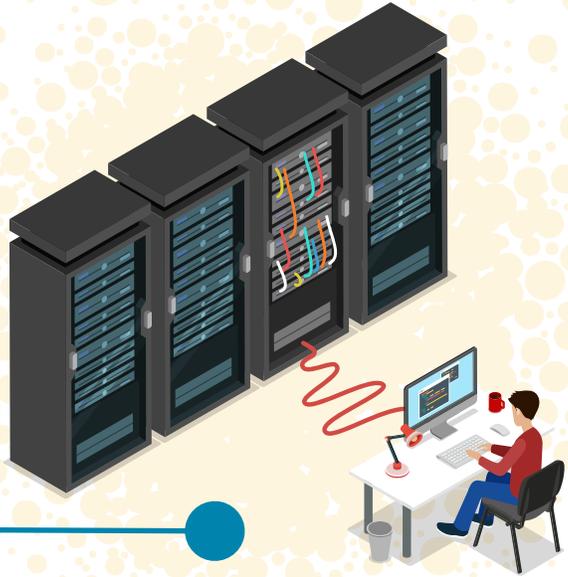
- Security Cameras
- Access Control
- Power over Ethernet
- Wireless Data

C **GUEST ROOMS AND HALLWAYS**

- Wired and Wireless Data
- Security Cameras
- Power over Ethernet
- IP Telephone and Television

F **TELECOM ROOM**

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





Room By Room



Lobby

The lobby is the first area that guests see and is frequently a hub of activity. Seamless point of sale systems start the visit on the right foot, while security cameras protect guests, employees, and the property owner. Digital signage welcomes guests and invites them to stay a while.

Implement digital signage as a video wall or single displays in the lobby and strategically placed throughout the property. AV over IP simplifies cabling infrastructure by using a standard data network. Atlona OmniStream™ networked AV encoders and decoders distribute messaging throughout the property. Velocity control system touch panels handle display power and content selection.

Guest Office Space

A small office area off the main lobby provides a space for guests to access a computer and/or a printer. A wireless internet connection may be all that is needed to help an anxious traveler print travel documents. In this area, wired and wireless data connections are important, easily accomplished with the structured cabling running throughout the building.

Open ports in this area are often a concern, as open USB ports or RJ45 jacks can be an invitation for unauthorized users to try to access the property's network. Block open ports with a physical security device such as the Panduit SmartKeeper Blockout Device, which blocks those open ports to hinder access.



Guest Rooms and Hallways

Guest comfort and convenience is top of mind throughout the property, but especially in guest rooms. Stable wireless access is a requirement for guests to catch up on emails, dial in for conference calls, and stream movies. As hotels adopt smart building features, the right network infrastructure helps to ensure that these systems can be easily added.

Security is critical in guest room hallways, where the structured cabling system can easily connect state-of-the-art cameras, delivering both data and Power over Ethernet (PoE) to power the cameras. Vari-MaTriX HD Category 6A copper cable offers industry-leading thermal properties in a small diameter, ideal for PoE applications.



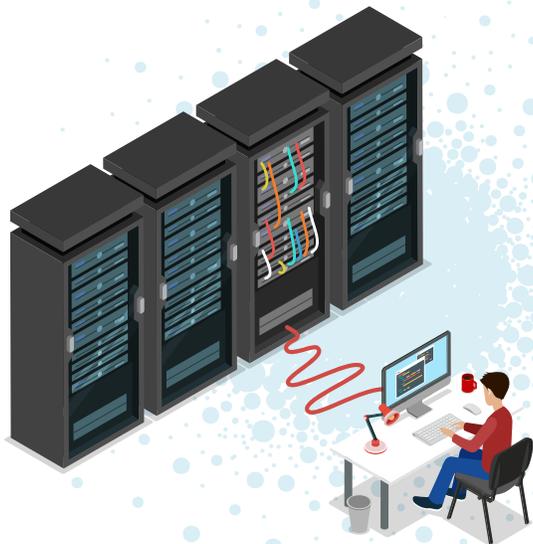
Conference Rooms

Conference rooms can drive hotel occupancy, as guests seek the convenience of staying where meetings are taking place. Whether you're equipping divisible ballrooms or smaller 8 to 10 person meeting spaces, Atlona can ensure the AV systems are reliable, secure, and simple to operate. The Omega™ Series of AV switching and extension solutions work in a variety of conference room technology configurations and provide USB-C and HDMI inputs to allow BYOD device connections. Captivate™ USB cameras and speakerphones allow users to converse and collaborate with remote participants via videoconference.

Inside the room, the Atlona Velocity™ control system offers easy, touch panel control of the AV system while the touch panel mounted outside the room utilizes Velocity's room scheduling capabilities to display room availability and upcoming meetings.

Outdoor Space

Outdoor bars, patios, swimming pools, and lounging areas are key amenities at hotels, and these spaces need the same type of connectivity that common areas inside need. Point of sale systems at bars and restaurants, security cameras, access control, and entertainment systems are among the connected systems that easily connect with direct connect solutions like the Panduit field term plug or FieldCord™ Connector. This standards-based solution allows quick and easy termination direct to horizontal cable, allowing property owners to connect any device anywhere!



Telecom Room

Every piece of smart building technology that is added to a property requires a piece of equipment in the telecommunications room. Make room for that equipment with space-saving solutions like adjustable 4-post racks, vertical cable managers, high-density and angled patch panels, and small diameter patch cords. The right mix of these solutions can cut the footprint by a third – or provide ample space for you to continue to expand smart building technologies in your property.

Ordering Information

Lobby
 Guest Office Space
 Guest Room
 Conference Room
 Outdoor Area
 Telecom Room



Part Number	Description	A	B	C	D	E	F
Horizontal Cable							
PUP6AHD04BU-G	UP6AHD04BU-G Category 6A U/UTP copper cable with Vari-MaTriX HD technology, plenum, 4-pair, Blue	✓	✓	✓	✓	✓	✓



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



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.	✓	✓	✓	✓		✓
FP6X88MTG	Category 6A UTP field term RJ45 plug for field termination of 4-pair unshielded twisted pair cable.	✓	✓		✓		
FC-ICCP1MBU	TX6A™ Category 6A UTP FieldCord™ Connector for field termination of 4-pair UTP cable to connect devices with confined port spaces.	✓	✓		✓		



Patch Panels, Faceplates, Boxes							
CFPL2IWY	Single gang, flush mount vertical faceplate with label pockets; accepts two Mini-Com® modules.	✓	✓	✓			
CPPL24WBLY	24-port modular patch panel with labels, supplied with factory-installed front removable snap-in faceplates.						✓
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.				✓	✓	



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.						✓



Lobby
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Part Number	Description	A	B	C	D	E	F
Physical Security Devices							
SKRJ45RD-X	SmartKeeper RJ45 blockout device.		✓				
SKUSBA-V	SmartKeeper USB Type A blockout device.		✓				
SKUSBC	SmartKeeper USB Type C blockout device.		✓				
SKMKEY	SmartKeeper blockout master key		✓				

AV Systems



AT-OMNI-112	OmniStream dual-channel networked AV encoder for two HDMI sources at resolutions up to 4K/60 4:4:4 and HDR onto gigabit Ethernet.	✓				✓	
AT-OMNI-121	OmniStream single-channel networked AV decoders for HDMI output at resolutions up to 4K/60 4:4:4 and HDR.	✓				✓	
AT-OME-MS52W	Omega 5x2 matrix switcher with USB and wireless link.				✓		
AT-OME-EX-RX	Omega HDBaseT receiver for HDMI with USB.				✓		
AT-CAP-FC110	Captivate 4K PTZ auto-framing camera.				✓		
AT-CAP-SP100	Captivate USB/Bluetooth speakerphone				✓		
AT-VTP-1000VL-BL	Velocity 10" touch panel for AV control or room scheduling, black	✓			✓	✓	
AT-VGW-HW-3	Velocity hardware gateway for AV control, room scheduling, and device management.	✓			✓	✓	
AT-VGW-SW	Velocity software server gateway for AV control, room scheduling, and device management.	✓			✓	✓	

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



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