

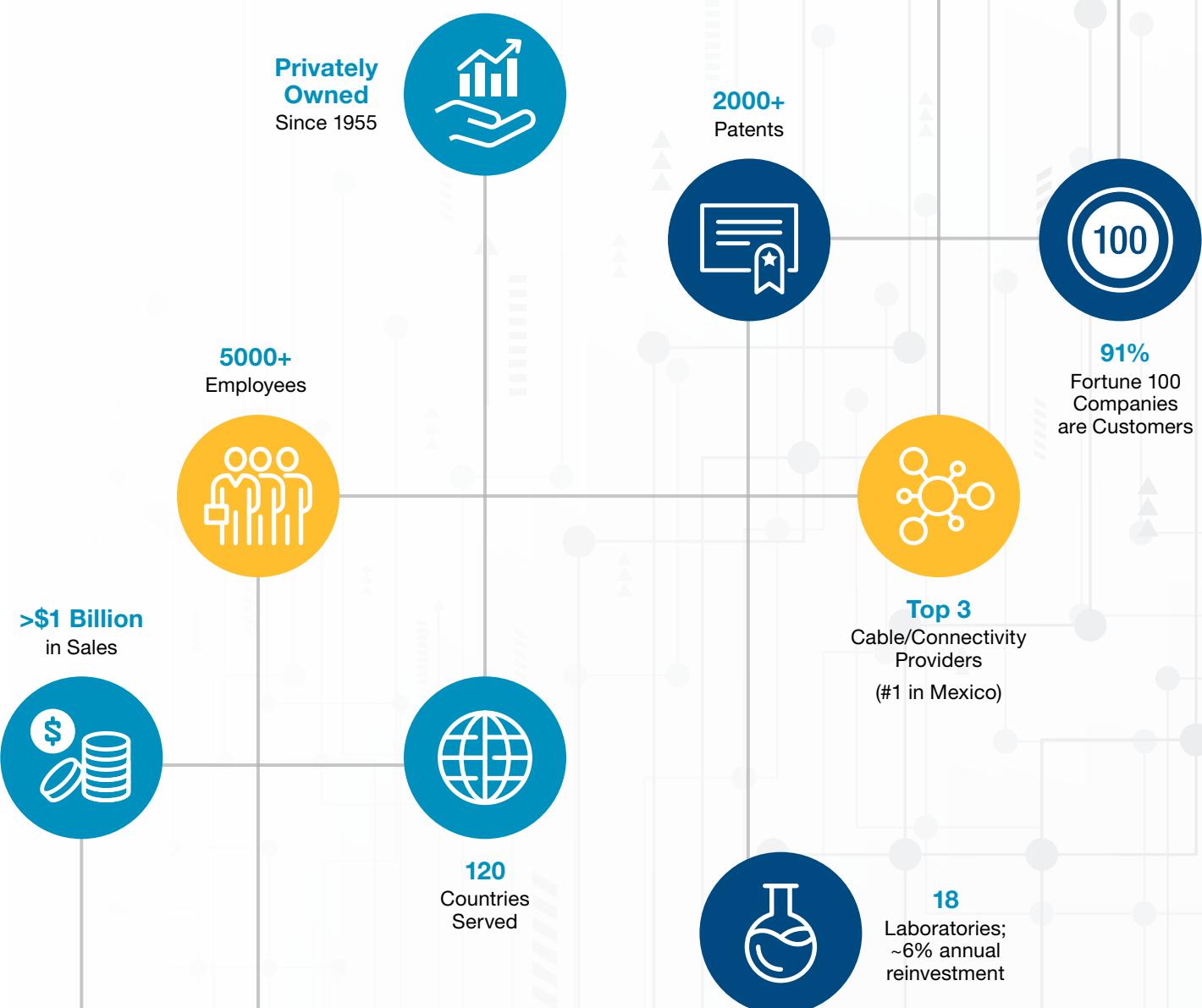


Network Infrastructure for Commercial Real Estate

When Quality, Trust, and Leadership Matter

When your name is on the line, you want to know that the work is right. That's when it is important to rely on network infrastructure solutions from Panduit.

60+ Years of Innovation, Trust, Experience, and Industry Leadership



Digital Transformation Drives Change in Commercial Real Estate

To compete in today's dynamic environment, properties must provide access to reliable, integrated, and high-performing connectivity solutions. Tenant connectivity demands are increasing, driven by the hybrid office, IoT, smart building applications, and wireless applications. This, in turn, is putting more focus on network infrastructure and bandwidth capacity.

While this can be a challenge for those responsible for designing and installing network infrastructure in commercial real estate, it is a challenge that is easily met. Robust and reliable network infrastructure ensures that tenants have the connectivity they need to support whatever applications they have in place.



Network Infrastructure for Any Commercial Real Estate Application

Office

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



Retail

Technology has a growing role in retail environments, helping store owners track inventory, prevent theft, and even market their products. Retail tenants rely on infrastructure solutions for:

- Point of sale systems that not only track daily sales, but can also allow behind-the-scenes price adjustments, automatic replenishment from suppliers or a corporate warehouse, and even employee time keeping
- Loss prevention through security cameras and access control to secured areas
- Digital signage for menu boards or promotional marketing
- Wired and wireless connectivity
- Electronic shelf labeling

● Data Center

Commercial Real Estate companies frequently support multi-tenant data centers, hyperscale facilities, and on-premise data centers. Regardless of the type of data center, they all rely on infrastructure for:

- Robust network connectivity
- Thermal management to protect equipment and uptime
- Power distribution and management
- IT infrastructure management



● Industrial Networks

Manufacturing and warehousing benefit greatly from robotics and automation – which are made possible by a robust network infrastructure. Automation has helped minimize the impact of labor shortage, while delivering standardized products that are the same every time, accelerating throughout, and minimizing downtime and disruptions due to human error. Logistics providers and manufacturers rely on infrastructure to support:

- Automation equipment
- OEM equipment and control panels
- Factory floor network solutions
- Facility IT solutions
- Wireless connectivity
- Security systems, including surveillance and access control

Network Infrastructure for Any Commercial Real Estate Application (cont'd)

Hospitality

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 and use
- Smart building technologies for systems like lighting and HVAC
- Security systems
- Guest room connectivity



Multifamily

Apartment buildings and condos have to meet technology needs of a great number of tenants, with smart building solutions, security, and wireless demands throughout the facility. Commonly, infrastructure helps support:

- Wired and wireless networks in the leasing or management office
- Wi-Fi and cellular connectivity within residences and common areas such as the lobby, gym, mail center, laundry facilities, hallways, and more
- Smart building functions such as networked door locks, building and garage access, and smart lighting
- AV systems in common areas such as lobbies or a theater, or for digital signage throughout the building

Robust, Reliable Products for Commercial Real Estate Environments

Partner with Panduit to meet your tenant needs with the broadest portfolio of innovative network infrastructure and AV solutions in the market. With Panduit, you'll discover high-quality, innovative solutions that deliver consistent performance and will increase your speed-to-market.



Copper Systems

Panduit Copper Systems provide the infrastructure to connect networking applications in any commercial real estate setting. From the largest campus to a single building, there is a Panduit solution that delivers bandwidth and reliability. Our industry-leading Category 6A Vari-MaTriX™ HD Cabling System delivers 10G and takes the guesswork out of applications like Power over Ethernet and HDBaseT.



Fiber Systems

Panduit leads the industry with innovative fiber-optic solutions that meet today's network requirements and provide a migration path for tomorrow's applications. Panduit's PanMPO™ Fiber Connectors and the HD Flex™ Fiber Cabling System simplify the migration to 40G and beyond.



AV Solutions

Whether you're looking at point-to-point AV extension for a training room, boardroom, or huddle space, or an enterprise-wide AV over IP solution, you will find high quality solutions that are simple to install and even easier to operate with Atlona AV Systems.



Cabinets, Racks, Enclosures, and Cable Management

Rugged, reliable infrastructure in the data center and equipment rooms houses and supports the technology that makes the campus hum. Look for innovative features from Panduit, like vertical cable managers that can hold patch panels for ultra-high-density deployments, configurable cabinets to meet any use, and components that help manage power and cooling challenges in the data center.



Power Management

Panduit's converged infrastructure solution and power energy management solution provides the features and functionality to make informed power allocation planning decisions, use power management resources more efficiently, prevent data center downtime, reduce capital expenditures and save on operating expenses, and measure PUE (Power Usage Effectiveness) and drive efficient green data center initiatives.



Cable Routing and Pathways

Panduit wire routing management and protection products offer premium solutions for your unique applications needs.

Panduit understands your tenants' diverse requirements. When you work with Panduit, the only end-to-end network and electrical infrastructure solution provider, you will find complete solutions, optimized to work together to deliver the greatest return on your infrastructure investment.



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For more information regarding Panduit's commercial real estate solutions,
visit www.panduit.com/cre. For the complete Panduit offering, visit www.panduit.com.