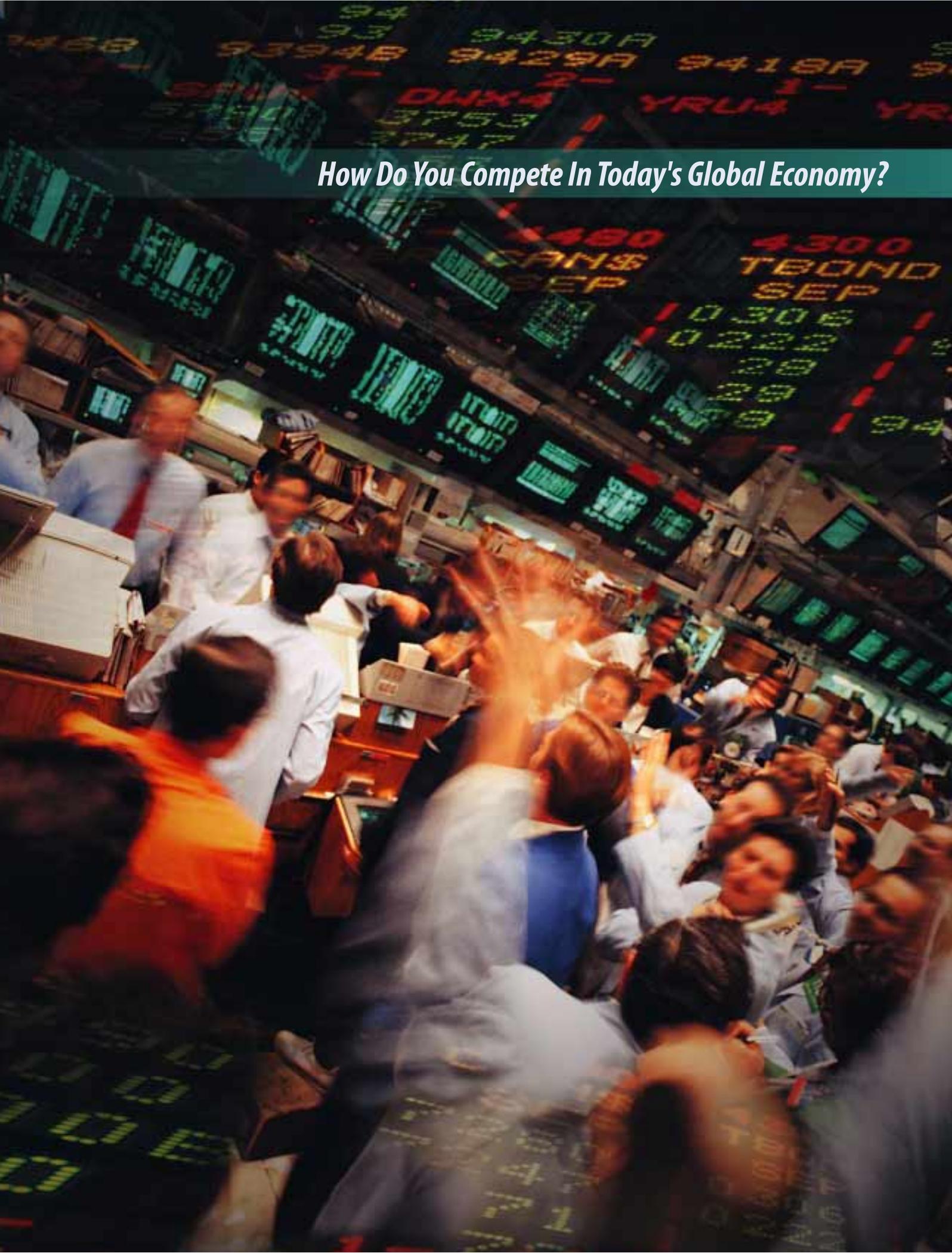




END-TO-END NETWORK CONNECTIVITY SOLUTIONS *FOR* FINANCIAL ENTERPRISES

How Do You Compete In Today's Global Economy?



The new global economy is shattering geographic barriers. Competition is worldwide and connected—demanding instant, accurate information. It's a world that never stands still, with an eye toward new and expanding markets. Using the latest innovative technology to make connections far beyond traditional borders, today's high tech financial enterprises are more competitive than ever.

You need a network that's designed for global traffic. A network that's fast, reliable, fully integrated and responsive to change, built

from state of the art hardware and the latest in fiber and copper technology. And just as critical to success is a comprehensive network infrastructure that maximizes system performance and user access throughout your organization.

Connect your network with a *FUTURE READY* infrastructure built for the new high tech global economy. **A complete PANDUIT® Network Connectivity Solution** forms a solid foundation...and provides your business with a stable platform for growth and success.

In the global marketplace, rapid information flow helps you seize each financial moment. But today's expansive, high performance networks can present complex cabling infrastructure challenges:

...Thousands of investors and traders connected to

...Hundreds of banks, financial firms and trading floors demanding

...High speed financial transactions executed in real-time from

...Numerous software and communications applications hosted by

...Independent computer systems and active hardware linked by

One end-to-end network infrastructure.



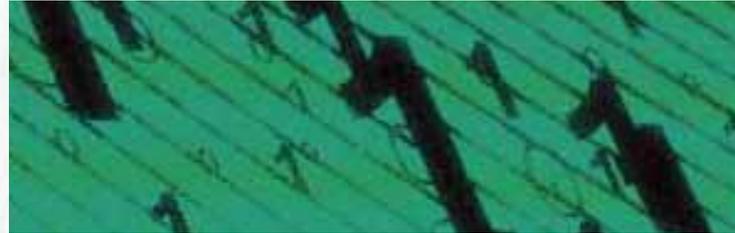
Make Your Network A Top Performer.

A PANDUIT® FUTURE READY Network Connectivity Solution...

Links seamlessly to a new century of exponential bandwidth requirements with landmark advances in fiber optics.

Maximizes performance of existing copper and fiber systems and fits today's technology budgets.

Is engineered for fast-moving business applications by a world technology leader.



Time is money. A PANDUIT End-to-End Connectivity System is a critical tool for today's fast paced interactive businesses, where timely information enables quick and intelligent decisions. Our advanced support for fiber optic technology means faster system throughput, wider bandwidth to support more users, and more efficient access with better network integrity.

A complete connectivity plan. Multimedia financial applications require a lot of cable flowing to every workstation. Engineered for high density, PANDUIT Cable Management Products and Surface Raceway Systems ensure total system integrity and keep your network *FUTURE READY*.

Grow your investment. Network connectivity is a long term investment that dramatically affects the cost of expansion. With maximum flexibility at the lowest installed cost, a fully modular PANDUIT Connectivity System allows your firm to grow—and meet future strategic objectives.

Aesthetics complete the picture. A complete PANDUIT System is right at home in today's modern business settings. Available in many complementary colors and styles, our Surface Raceway Systems and Outlet Products provide efficient, attractive network access solutions at the workstation or on the trading floor.

- *Fiber and Copper Connectivity Products provide lowest installed cost and reliable data, video and voice transmissions*
- *End-to-End Cable Management, Rack and Grounding Systems ensure maximum cabling protection and system integrity*
- *Standards compliant Raceway and Fiber Distribution Products offer better user access with the highest installed performance*
- *Complete Network Identification and Labeling Solutions facilitate fast, efficient moves, adds and changes*
- *Modular, fully integrated design means total system flexibility and lowest cost of ownership*

Globally competitive financial networks demand comprehensive infrastructure solutions. Breadth of product offering helps make PANDUIT® the insider's pick for complete financial connectivity solutions.

It can be difficult to select a **single connectivity name** with the range of products necessary to address every financial application. A "patchwork" system of components from different suppliers can raise serious performance, reliability and compatibility issues, not to mention the added purchasing and installation headaches.

PANDUIT provides the most complete, fully integrated line of Network Connectivity Solutions. Our high density, state of the art systems link every building, closet and desktop. High tech financial facilities benefit from flexible infrastructure solutions and full application support. Aesthetics, space efficiency and seamless growth are also prime considerations in today's attractive work environments.

Specify a single name with the expertise to understand your financial network applications. *PANDUIT* offers more products to connect, manage, route and identify the network infrastructure throughout your enterprise.



FUTURE READY ENGINEERING

Financial enterprises with the vision to anticipate emerging technologies are a key component of the global economic engine. As an industry leader, PANDUIT® strives for innovation with a solid focus on tomorrow.



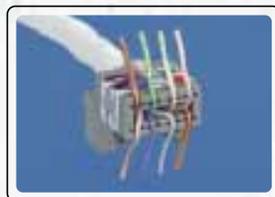
OPTI-JACK® SFF Fiber Optic Modules	Beyond 10 Gbps
MINI-COM® TX-6™ T3 Cat. 6 UTP/STP Modules	Up to 300 MHz Gigabit Ethernet, Broadband Video
MINI-COM® TX-5e™ Cat. 5e UTP/STP Modules	Up to 100 MHz Gigabit Ethernet, Video Conferencing
MINI-COM® TX-5™ Cat. 5 UTP/STP Modules	Up to 100 MHz 10/100 Base-T/Fast Ethernet, Analog Voice

Financial firms need networks that are fast, responsive and powerful. Engineered for evolution, our *FUTURE READY* systems support your existing network hardware—and adapt seamlessly to support each new advance in communication technology.

PANDUIT breakthroughs in fiber optic connector technology include the *OPTI-JACK®* Small Form Factor (SFF) fiber module. This revolutionary interface concept was the first of its kind to offer the benefits of full duplex operation in a standard RJ-45 interface, and to earn a TIA FOCIS (Fiber Optic Connector Interface Standard) designation. Available ST, SC and FC connectors make our Fiber Connectivity Products perfect for any application...including backbone and fiber-to-the-desk.

Various configurations of *PANDUIT* fiber optic patch cords, including *OPTI-PLUG™* duplex fiber optic connectors and *OPTI-JACK* duplex fiber optic modules, ST, SC and FC connectors, insure reliability and speed installation. Our 55dB factory terminated singlemode patch cords, VAMs and fan-outs enable your network to evolve with faster gigabit ethernet equipment and high powered lasers.

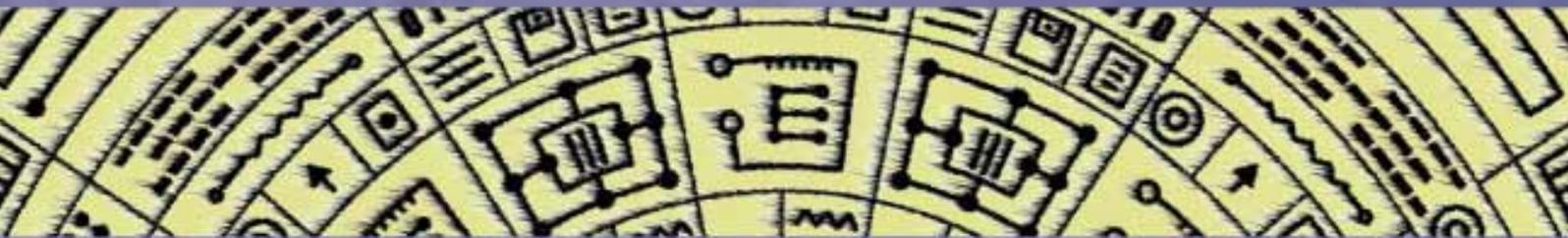
PANDUIT enables your network to achieve gigabit speeds through Category 5e and Category 6 connections. *MINI-COM TX-5e* and *TX-6 T3* modules, along with the high density *GIGA-PUNCH™* punchdown system, are solutions that enable your network infrastructure to handle future data throughput requirements.



Innovative *MINI-COM TX* modules reduce crosstalk variability due to conductor untwists.

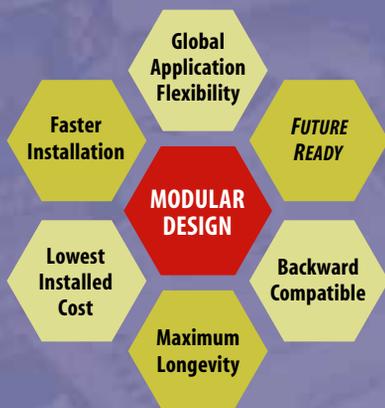
Additional performance headroom is a key advantage in every *FUTURE READY* installation. Proper bend radius control is built into all of our Surface Raceway Systems, Fiber Distribution Systems, Cable Management and Outlet Products to ensure long term application support.

An integrated framework of nations, corporations and private interests power today's global economy. This "modular" structure is also the guiding principle behind the PANDUIT® System.



Modular connectivity is the fundamental advantage in every PANDUIT installation, allowing easy network expansion with lowest installed cost. All of our copper and fiber optic modules snap into the same faceplates, surface mount boxes and patch panels—and can be used interchangeably in all PANDUIT Surface Raceway Systems. Additional built-in performance headroom enables our Connectivity Solutions to adapt seamlessly to new applications, with minimal added investment or disruption. For open office environments, PANDUIT consolidation point and multi-user outlet solutions cover a variety of applications and support copper and fiber optic requirements.

Powerful financial networks need to pack the most punch into limited workspace. As networks grow to support your global reach, your systems need to upgrade easily. A modular, fully integrated PANDUIT Network Connectivity Solution is the best infrastructure choice—unlocking a broad spectrum of important benefits.



Interchangeable components like snap-on faceplates and snap-in modules provide increased flexibility and faster installations.



PANDUIT open office products bring intermediate connections to the work area for faster moves, adds and changes.

TOTAL SYSTEM INTEGRITY

Your organization demands uninterrupted performance. Network downtime can cost financial enterprises over \$6M per hour. Substandard cabling infrastructures are responsible for an estimated 50% of network problems.



NETFRAME Racks and Cable Management Systems provide an integrated solution that helps maintain cable organization and bend radius control.



The PANVIEW System monitors patch cord connectivity and allows you to track asset management throughout the network.

A complete **PANDUIT**® System employs cutting edge technologies to increase overall network performance and minimize downtime. Our products demonstrate bandwidth capabilities well beyond existing standards specifications for high density network requirements. But advanced engineering is just one factor in achieving optimum system throughput. In many installations, patch cords and cables are pushed aside or concealed—yet these essential elements are equally important as the fixed cabling. In high density financial networks, **proper cable management** is crucial to network performance and reliability.

PANDUIT Cable Management Products like **OPTICOM**™ fiber enclosures and **NETFRAME**™ rack systems are built for high density demands and prevent damage to fiber and copper patch cords and cabling throughout your infrastructure. To eliminate EMI interference in copper networks, install **PANDUIT** shielded copper modules and patch cords. For more protection, new keyed, color coded **OPTI-JACK**® duplex fiber optic modules, **OPTI-PLUG**™ fiber optic connectors and tamper resistant pathway products provide **more secure access** and minimize disruption to financial networks that handle your client's private financial data.

Our new **PANVIEW**™ Physical Layer Management System is ideal for mission critical financial applications. **PANVIEW** connectivity and software monitors patch cord movement, provides instant notification of connectivity changes, tracks the exact location of all active equipment on the network and guides technicians through moves and additions—eliminating the chance for human error.

Investing wisely means maximizing returns over long periods. A PANDUIT® System extends the lifespan of the entire network infrastructure and delivers more bottom line cost benefits.



Long term gain requires long term thinking. Structured cabling is the **longest lasting investment** you'll make for your infrastructure. Switches, routers and hubs have an average life expectancy of five years, but building cabling can last 15 years and beyond.

APPLICATION	COST	LIFESPAN
SOFTWARE		
HARDWARE		
ACTIVE EQUIPMENT		
NETWORK CABLING		

Performance means meeting the high demands of financial networks within the constraints of your technology budget. Engineered with cost concerns in mind, complete PANDUIT Network Connectivity Solutions increase the net worth of your technology investment.

Modular outlet products, snap-in patch panels and RJ-45 copper and fiber optic modules simplify installation, maintenance and upgrades—and feature full backward compatibility. Our MINI-COM® TX-5e™ modules exceed the latest Category 5e Standard and offer valuable features like quick, easy installation, universal wiring and long term reliability.

Lower your long term costs even further with our complete line of Labeling Solutions. Proper network administration and labeling allows fast, effective identification and troubleshooting.

PANDUIT Cable Management Products and durable Surface Raceway Systems speed installation and maintenance, protect cabling and reduce costly network downtime. Our outlet product offering includes flush wall mount and snap-in modular furniture faceplates with snap-in modules to support quick, cost effective moves, adds and changes.



PANDUIT partners with leading cable suppliers and global distributors to add additional cost benefits with:

- **A worldwide network** of alliances with qualified companies and industry professionals supported by our global organization.
- **Freedom** to select the right cable supplier for your requirements
- **Total infrastructure warranty programs**



In a worldwide economy, financial firms place stock in strategic alliances. PANDUIT® is a global company with worldwide manufacturing and support centers—and we understand the value of partnerships.



Now you can build a world class infrastructure. Our pacesetter performance for nearly half a century and alliances with other global technology leaders allow us to provide financial enterprises everywhere with progressive solutions and international application assistance. **PANDUIT business alliances** with leading cable manufacturers ensure true open system capability, highest network performance and consistent service and support levels.

CISCO SYSTEMS



Service Provider
Solution Partner

PANDUIT is also a proud member of the CISCO Service Provider Partner Program—a global community of technology partners working together to help innovate and rapidly deploy "best of breed" infrastructure solutions in local markets all over the planet.

As a Silver Vendor Affiliate of the Wall Street Technology Association (WSTA), *PANDUIT* is recognized by networking professionals as a capable provider to the financial community.

Your complete *FUTURE READY* network cabling infrastructure can be designed and installed to industry standards by our Worldwide Network of PCD (*PANDUIT* Certified Designers) and PCI (*PANDUIT* Certified Installer) registered companies. To learn more about *PANDUIT* and what we can do for your business, visit us on the web, email us at global@panduit.com, or contact your local *PANDUIT* sales office.





World Leaders In Network Connectivity Solutions



*Specify the single name for financial connectivity solutions.
A complete PANDUIT® FUTURE READY System delivers optimum
performance, installation ease and lowest cost of ownership.*

COPPER & FIBER MODULES & PATCH CORDS COMMUNICATION OUTLETS NETWORK INTERCONNECTION SYSTEMS GROUNDING SYSTEMS



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RACEWAY SYSTEMS NETWORK CABLE TIE SYSTEMS FIBER ROUTING SYSTEMS NETWORK IDENTIFICATION SYSTEMS ACCESSORIES



Service Provider
Solution Partner

PANDUIT IS A MEMBER OF THE CISCO
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