

Powering Today and Tomorrow

Energy Solutions



PANDUIT[®]

building a smarter,
unified business foundation

Connect. Manage. Automate.



Panduit's Unified Physical Infrastructure (UPI)

A unified approach to physical and logical systems architecture is imperative for solutions to fully address the need for availability, agility, integration, and security. Panduit has developed the industry's most comprehensive and holistic approach to a Unified Physical Infrastructure and can help enterprises align, converge, and optimize critical systems – communication, computing, control, power, and security – to build a smarter, unified business foundation.

Mitigate Risk – Efficient physical infrastructure management enables seamless integration to reduce risks that can occur throughout core systems.

Lower Cost – Panduit physical infrastructure solutions drive financial advantages to reduce energy and occupancy costs, and help secure competitive advantage.

Increase Agility – A high level of integration within the physical infrastructure enables flexibility and improved business agility.

Enhance Sustainability – UPI-based solution offerings enable organizations to meet sustainability goals by driving resource and energy efficiencies across the physical infrastructure.

Addressing the Energy Industry's Challenges with Comprehensive Physical Infrastructure Solutions

Regardless of the energy source, Panduit solutions play a vital role in the electrical and communications infrastructure of the world's top energy production facilities. For routing, grounding, connecting, protecting, and identifying electrical and network cable, our solutions are engineered to minimize downtime, improve operational performance, and compress installation times to achieve greater ROI.

Panduit has been an important part of the energy industry's value chain for the past fifty years. We are a company with a strong heritage of engineering and manufacturing excellence. This combination yields solutions that address customer challenges while meeting and exceeding industry standards for performance, durability, and safety.

Unified Physical Infrastructure





Global Reach, Local Touch

More so than other industries, energy is a global business dependent upon a global supply chain. Panduit's extensive worldwide network of local distributors and regional warehouses allow us to deliver the right solutions when and where they are needed. Having locally based professionals is a significant advantage that Panduit leverages for understanding various cultures, codes, and standards, all with the aim of providing a solution that suits your need in any given geography.

As customer needs and technologies evolve, Panduit is prepared for tomorrow. We have alliance partnerships with industry-leading technology companies that enable us to design state-of-the-art solutions. It is our commitment to be at the forefront of the next generation of technology for energy producers.



Remote and Harsh Locations with Reliable Performance

Be it oil sands or wind and solar farms, today, most of the newer energy sources are located in harsh environments or remote locations. Consequently, product reliability is critical. Panduit conducts extensive testing to measure product performance in the face of extreme heat, cold, vibration, corrosive agents, salt spray, and high winds. This enables Panduit to offer products that provide maximum performance under extreme conditions. Panduit stainless steel cable ties, for example, are preferred in harsh environment applications that are commonly found in the oil, gas, and wind industries.

Safety Is A Top Priority

We understand that safety, both personnel and equipment, is a #1 priority. That is why Panduit is keeping pace with continual improvements to ensure that our products meet and frequently exceed the standards required by regulatory agencies such as OSHA, IEC, NFPA, and their counterparts around the world. This helps us meet our objective of enabling customers to achieve the highest safety standards. Panduit also conducts training for products used in safety applications.

Speed Project Installations with Innovative Products

Our continued commitment to research and development has resulted in a large number of patented, time-saving products that are part of our solutions offerings.

An example of this is our patented direct burial grounding system, which installs up to four times faster than traditional exothermic grounding products, relied on by the solar, wind, oil, and gas industries.





Tangible Benefits the Industry Can Rely On

As new energy resources are discovered the cost to develop them is increasing as well. These sources compete with the conventional sources, and parity in cost of production becomes a critical success factor. This is applicable to complex offshore equipment like Floating Production Storage Off loading (FPSOs), and the wind farms that deploy giant wind turbines. The current economic climate is driving stringent cost reduction initiatives, often forcing energy companies to do more with less. Taking time out of the installation process is a great benefit, positively contributing to meeting construction schedules and the successful ROI of an installation.

Panduit solutions find application from the processing plant to the control room, from plant to panel. These solutions provide our industrial clients and channel partners a comprehensive portfolio of products, services, and programs that improve the installation, identification, management, and safety of the electrical infrastructure.

- The Industrial Construction program is aimed for working with partners to offer an optimal solution to the customer.
- The MRO program is designed for "maintain and operate" stages of a facility and enables customer to minimize downtime.
- Maximizing the value of our OEM partners' offerings is the objective of our OEM program, and involves extensive interaction between engineering teams from Panduit and OEM.

These uniquely designed and engineered offerings are developed for applications across all stages of a project lifecycle, enabling our customers and partners to minimize installation times and mean time to repair while maximizing safety and uptime.

**Learn more about Panduit energy solutions
at www.panduit.com/energy.**



Real-World Solutions

With a proven reputation for excellence and innovation, Panduit and our partners work with you to overcome challenges and implement real-world solutions that create a competitive business advantage. Panduit offers the broadest range of solutions, from data centers and intelligent buildings to manufacturing operations, to help you build a **smarter, unified business foundation**.



Technology Leadership

Panduit develops innovative physical infrastructure solutions that meet the rapidly changing needs of our clients, from hardware and software to advisory services. This commitment is supported by investment in advanced research, solutions-focused product development, world-class manufacturing, and collaboration with customers at the forefront of technology.



Partner Ecosystem

Our best-in-class partner ecosystem offers a comprehensive portfolio of services that span the project lifecycle, from planning and design to delivery, deployment, maintenance, and operation. Panduit business partners — distributors, and certified architects, consultants, engineers, designers, system integrators, and contractors — are qualified to help you achieve your objectives and realize predictable and measurable results.



Strategic Alliances

Panduit cultivates long-term strategic alliances with industry leaders, including Cisco Systems, EMC, IBM, and Rockwell Automation, to develop, optimize, and validate solutions for our customers. This investment in people and resources helps solve our customers' greatest business challenges.



Global Business Commitment

Panduit is committed to delivering a consistently high level of quality and service the world over. With a presence in more than 100 countries, local Panduit sales representatives and technical specialists offer guidance and support that bring value to your business. Our global supply chain, which includes manufacturing, customer service, logistics, and distribution partners, provides prompt response to your inquiries and streamlines delivery to any worldwide destination.



Sustainability

With a commitment to environmental sustainability, Panduit develops and implements solutions that protect, replenish, and restore the world in which we live. This commitment is demonstrated by Panduit's LEED Gold certified World Headquarters, leveraging the Unified Physical Infrastructure approach to enable convergence of critical building systems to drive energy efficiency and ongoing operational improvement.

*Transform Your
Physical Infrastructure
from Plant to Panel.*

*Call or visit us online,
we can show you how.*

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