LEVITON®

Data Center Infrastructure Solutions

Deploying Data Center Infrastructure At Scale

We build what's next to light, power, and connect everyday spaces.

THE FUTURE IS ON®

Data Center Infrastructure Solutions

Deploying Data Center Infrastructure At Scale

Modern data centers grapple with the dual challenge of meeting soaring data processing demands, driven by AI, IoT, 5G, and Edge technologies, while concurrently minimizing energy consumption and resources for expansion. The surge in AI usage provides an opportunity for reimagining data center design, configuration, and deployment, with emerging technologies offering avenues to enhance efficiency and cut costs.

Artificial Intelligence | Sustainability | Skilled Labor | Infrastructure Agility | Network Performance

Facility, engineering, and IT managers prioritize sustainability, high-performance computing, energy optimization, network performance, and infrastructure agility to achieve overarching operational goals.

Artificial Intelligence

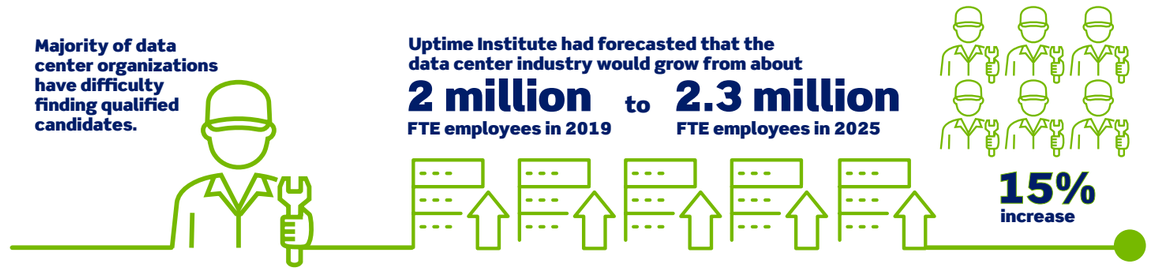
With the increased demand for artificial intelligence and machine learning, data center operators are upscaling their capabilities to deliver high-performance computing. This is causing data center designers to rethink and potentially revamp their architecture to cater to increased ports, increased fiber counts, and more efficient cooling systems. **It is critical to understand how to adapt existing structured cabling to accommodate multi-GPU and other AI technology to maintain a high-performance data center.**

Sustainability Goals

With IoT, AI, and connected devices driving a significant increase in data consumption, data center managers are now challenged with managing, processing, and storing vast amounts of data which is driving a significant increase in energy demands. In addition to sourcing renewable and alternative energy sources, data center operators are now **selecting partners that offer supply chain efficiencies through pre-terminated solutions, sustainable packaging, and alignment of their business operations with clear global sustainability objectives.**

Skilled Labor

With the demand for new data center construction, the drive for increased capacity, and evolving complexity, data center operators are struggling with resources to deploy projects on time and under budget. **Suppliers with strong technical design support, program management, streamlined logistics, and innovative labor-saving solutions can supplement gaps in staffing productivity.**



Infrastructure Agility

With a greater dependency on data centers to assimilate information at a faster rate, data center operators are continually challenged with managing unforeseen outages, reducing project delays, while designing their facility to be future-proofed. Agile data centers are prioritizing service level agreements, adapting to new technology, and utilizing a plug-and-play design approach. **Partners that offer design assistance, program management, and solutions that address redundancy, modularity, and customization will enable the infrastructure for optimal agility.**

Network Performance

An explosion of unprecedented amounts of data is accelerating the digital transformation of organizations across all market sectors. These include initiatives such as the adoption of cloud computing services, the proliferation of IoT devices, the emergence of edge computing, and the evolution of artificial intelligence and machine learning applications, which all insist on high-performance connectivity. **Consider solutions that prioritize rack density, port scalability, system modularity, multi-format splicing, customization, and extended headroom, and are easily deployed at scale for maximum network performance.**

Information Sources

NREL | International Energy Agency | uptime INSTITUTE | Forbes

Infrastructure for Unique Data Center Environments

Data center environments vary widely — from hyperscale to edge — each with distinct infrastrucutre requirements. Recognizing the distinct needs of each, Leviton collaborates with customers to configure tailored solutions. By understanding nuances and demands of these environments, Leviton ensures efficient, sustainable, and high-performance network solutions for optimal data center functionality.

Cloud Data Centers

Cloud data centers leverage Leviton's support with cutting-edge products and professional expertise. Cost-efficient and scalable, they reduce hardware investment, offer rapid provisioning and ensure optimal performance, uptime, and redundancy.

Micro Data Centers

Micro data centers are a highly versatile solution for networking needs at the edge. Utilizing the edge is about compute-enabled, low latency, highly secure networks running modern software applications.

Hyperscale Data Centers

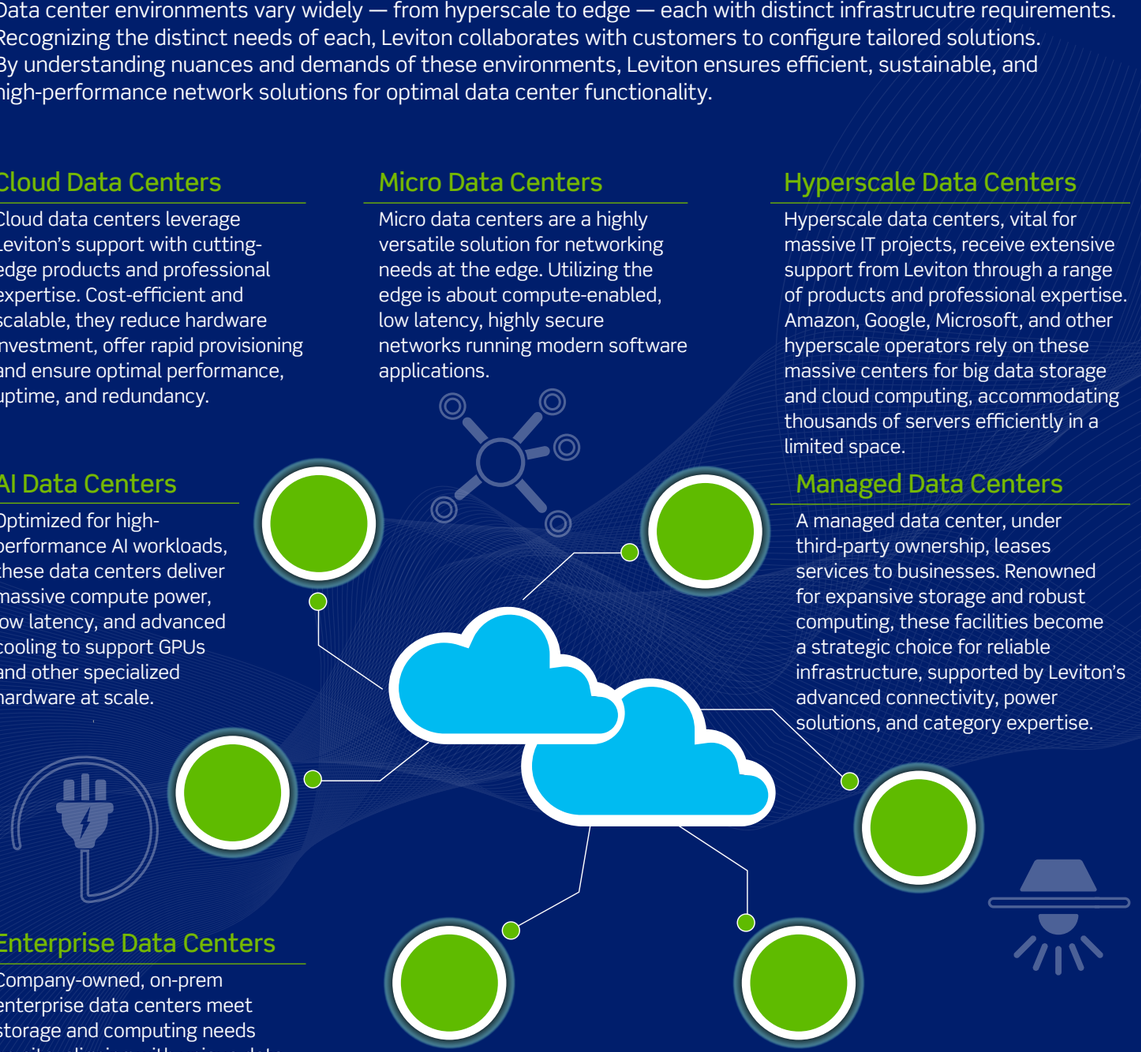
Hyperscale data centers, vital for massive IT projects, receive extensive support from Leviton through a range of products and professional expertise. Amazon, Google, Microsoft, and other hyperscale operators rely on these massive centers for big data storage and cloud computing, accommodating thousands of servers efficiently in a limited space.

AI Data Centers

Optimized for high-performance AI workloads, these data centers deliver massive compute power, low latency, and advanced cooling to support GPUs and other specialized hardware at scale.

Managed Data Centers

A managed data center, under third-party ownership, leases services to businesses. Renowned for expansive storage and robust computing, these facilities become a strategic choice for reliable infrastructure, supported by Leviton's advanced connectivity, power solutions, and category expertise.



Enterprise Data Centers

Company-owned, on-prem enterprise data centers meet storage and computing needs on-site, aligning with unique data and network requirements. Leviton's comprehensive solutions, including network, lighting, controls, and power, bolster their efficiency and reliability.

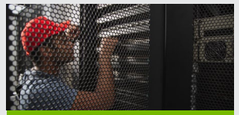
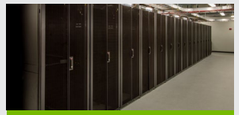
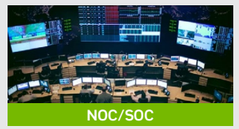
Colocation Data Centers

Colocation data centers, offering off-site server hosting, benefit from Leviton's support through advanced products and professional services. Ideal for saving resources, outsourcing IT needs, and ensuring easy scalability, they streamline operations for businesses.

Edge Data Centers

Compact yet crucial, edge data centers enable swift data transfer with minimal delay, often situated close to end users. Leviton enhances these centers with advanced products and professional support, ensuring optimal functionality for real-time processing in IoT, automation, and emergency applications.

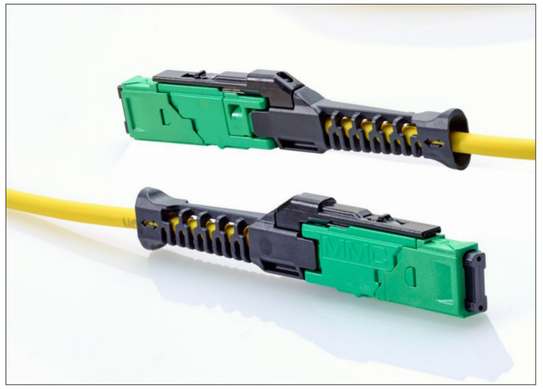
Data Center Controls, Lighting, Electrical and Network Infrastructure Applications

Data Center Space	Network	Lighting & Controls	Electrical
WHITE SPACE			
 CABINET LEVEL	The choice of connectivity at the cabinet level is crucial to support various configurations for top of rack, end of row and middle of row architecture, while supporting the need for rapid adaptability, high density and performance requirements.	When lighting a cabinet space in a data center it is important to provide optimum visibility for technicians to work efficiently offering task-based illumination to quickly identify issues.	The design and efficiency of cabinet-level power distribution is essential in supporting high-density deployments within server cabinets leveraging metered, switched, and managed intelligent PDU's.
 DATA HALL	Room level structured cabling in a data center should address the consideration for agility and scale, while supporting various topologies like spine leaf, three tier, switch fabric, and centralized connectivity between cabinets.	Effective lighting design can significantly impact room visibility leveraging narrow pendants or linear fixtures to be installed in a grid pattern aligning them with the aisles between rows of equipment.	Data center room level power distribution uses pre-assembled power whips that connect power sources to Power Distribution Units (PDUs) eliminating voltage drops and guaranteeing a consistent flow of power.
GRAY SPACE			
 MEET ME ROOM (MMR)	MMRs require high density cross-connects to enable low latency, resilience and redundancy, and scalability for interconnections between carriers, ISPs, and enterprise customers.	Lighting and controls in an MMR provide bright, application specific illumination ensuring technicians have optimized visibility, reducing potential carrier connection errors.	The electrical infrastructure of the MMR is crucial to ensuring that the critical carrier and network interconnection equipment can operate continuously and reliably to accommodate a growing number of carriers.
 BATTERY ROOM	Structured cabling and connectivity in a battery room enable real-time monitoring of battery health and power status. This gives customers greater visibility, faster response times, and improved reliability for their critical backup battery infrastructure.	Lighting and control systems provide bright, consistent illumination and automated energy management, creating a safe environment for maintenance. Customers benefit from enhanced safety, reduced energy costs, and compliance with operational standards.	Reliable power distribution, surge protection, and grounding safeguard critical backup systems. This ensures customers experience uninterrupted power availability, minimized downtime risk, and long-term equipment protection.
 GENERATOR ROOM	Generator rooms require network connectivity to support monitoring systems that track generator performance and fuel levels. This gives customers real-time visibility, faster issue detection, and improved reliability for backup generator support.	Bright, durable illumination and automated energy management, ensuring safe access for maintenance. Customers benefit from enhanced safety, reduced operational costs, and compliance with critical facility standards.	Reliable power distribution, surge protection, and grounding in a generator room safeguard backup power systems. This ensures customers experience uninterrupted power availability, minimized downtime risk, and long-term equipment protection.
 HVAC ROOM	Structured cabling supports monitoring systems for temperature, humidity, and airflow, giving customers real-time environmental insights to maintain uptime and optimize cooling performance.	Smart lighting ensures safe, well-lit access for maintenance while automated controls reduce energy costs and help customers meet efficiency and compliance goals.	Power distribution and surge protection keep HVAC systems running smoothly, minimizing downtime and extending equipment life for consistent cooling.
 POWER ROOM	Cabling and connectivity link monitoring systems to critical power infrastructure, giving customers actionable insights to balance loads, prevent failures, and optimize energy efficiency.	Smart lighting ensures safe visibility for technicians, while automated controls help customers cut energy costs and maintain compliance with operational standards.	Robust power distribution and surge protection keep essential systems stable, reducing downtime risk and protecting equipment for uninterrupted data center performance.
SUPPORT SPACE			
 NOC/SOC	Leviton delivers the high-speed, secure cabling backbone that powers NOC and SOC operations—enabling reliable connectivity, scalability, and physical security for critical data center infrastructure.	Lighting and control systems in NOC and SOC environments provide optimal visibility, energy efficiency, and automated management to maintain a secure, responsive, and comfortable workspace for critical operations.	Electrical solutions power and protect NOC and SOC operations, delivering reliable energy distribution, backup systems, and smart controls for uninterrupted performance.

Data Center Connectivity Products

Leviton technologies cover every area of the data center offering speed, scale, agility, and assurance – from the grey space to the white space and support offices. As data demands surge, our high-performance trunks, array cords, and cassettes are engineered to deliver seamless 800 Gb/s connectivity and beyond. Designed for modern data centers, these solutions offer superior channel performance, extended reach, and effortless scalability.

Our infrastructure ensures low-loss, high-density connections that support rapid deployment and future ready expansion, keeping your network agile, efficient, and ahead of the curve.



STRATA™ Fiber Cable Infrastructure Products

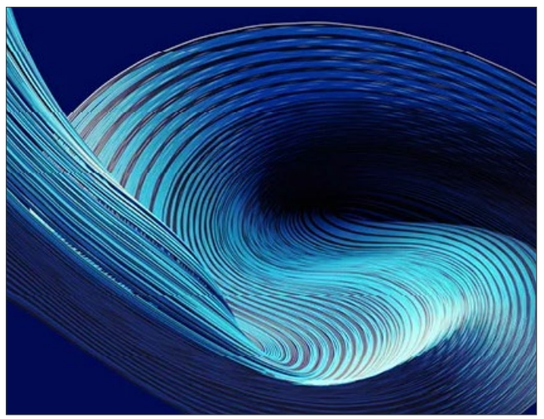
Leviton's full suite of STRATA™ fiber cabling infrastructure products deliver 800G data rates and beyond for AI networks. We offer a wide range of pre-terminated fiber cabling for speed of deployment and global availability, including very small form factor MMC connectivity, MPO 16-fiber connectivity, high-fiber count trunk cabling, and more.

OPT-X™ Fiber Optic Systems

Customizable, end-to-end solutions designed to support high-speed enterprise and data center networks. The platform includes high-density enclosures, cassettes, adapter plates, and pre-terminated trunk cables - all engineered for fast deployment, low loss, and scalaability to 800 Gb/s and beyond. With global availability and flexible configurations, OPT-X helps you build the network you need, exactly how you need it.

Pre-Terminated Copper & Fiber Trunks

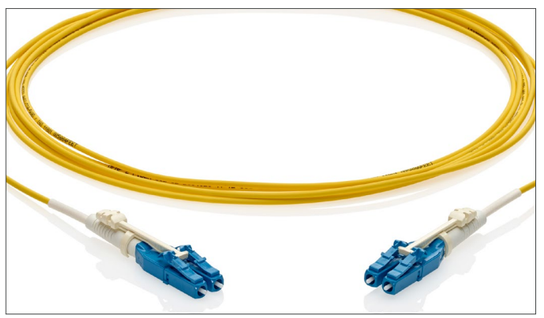
Streamline deployments with factory-tested, plug-and play assemblies built to your exact specs. Available through the FastLane program, many options ship within just 5 business days, helping you meet tight project deadlines without sacrificing quality. Ideal for data centers and enterprise backbones, these solutions reduce installation time, improve cable management, and ensure consistent, high-performance connections.



TORRENT™ Data Center Immersion Cooling Solutions

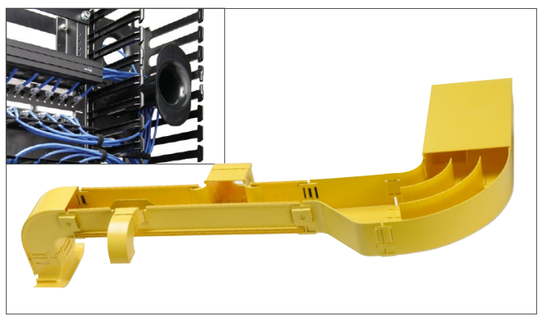
Hyperscale data centers are considering immersion cooling systems to support AI workloads and other high-performance applications. This shift is driven by the need to reduce energy consumption and improve thermal efficiency across critical infrastructure.

Leviton's line of TORRENT™ immersion-ready solutions are designed to perform reliably in dielectric cooling environments. Our cables maintain signal integrity and resist degradation, even when fully submerged, making them ideal for next-generation data center deployments.



Fiber Patch Cords with SPECTRO-LINK™ Technology

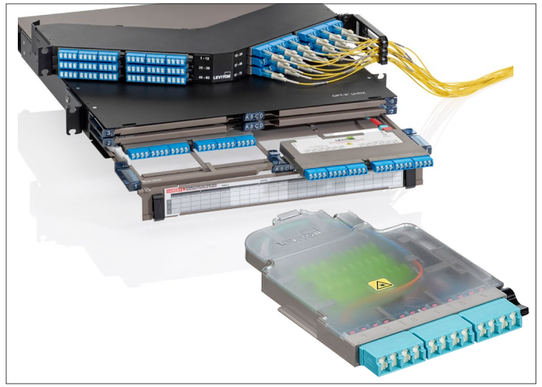
Congested environments can complicate network manageability, making it harder to track fiber polarity and meet IEEE link loss limits. U.S.-made LC Unibody Connectors with SPECTRO-LINK Technology are ideal for tight spaces, featuring a low profile design for easier accessibility, simplified polarity changes, and ultra-low-loss performance.



Cable Management Solutions

Organize. Protect. Perform. From managers and rings to trays and spools, Leviton keeps your copper and fiber networks neat, cool, and easy to maintain. Perfect for high-density racks in data centers and enterprise spaces—clean installs that scale with your network.

Data Center Connectivity Products

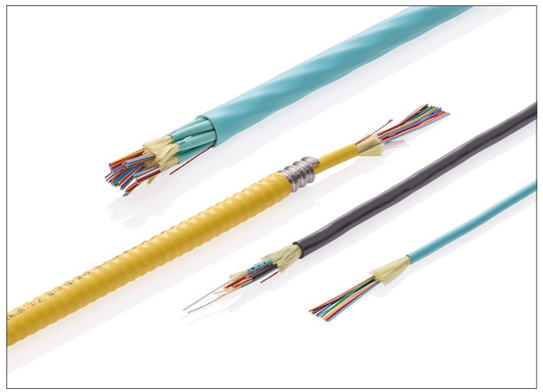


HDX Patching Platform

Delivers high-density fiber management with a modular design that simplifies installation and scalability. Supporting up to 144 LC connections in just 1RU, HDX helps maximize rack space while maintaining easy access for patching and maintenance. Its front-access cassettes and cable routing features ensure clean layouts and improved airflow – ideal for high-speed data center networks requiring flexibility, efficiency, and room to grow.

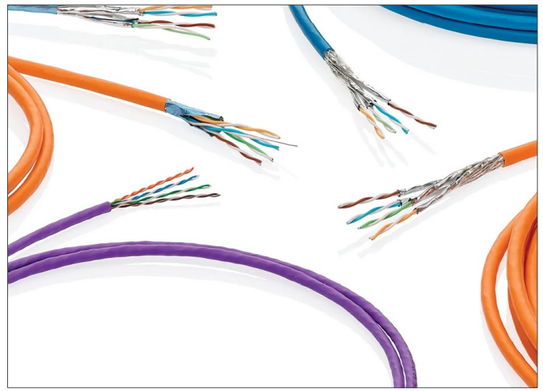
E2XHD Snap-In Cassette Patching Platform

Engineered for high-density patching in modern data centers. It allows for mixing copper and fiber cassettes in the same panel for quick deployment and easy MACs (moves, adds, changes). Designed to optimize rack space and airflow, the “e2XHD” system simplifies cable management while supporting high-speed links up to 800 Gb/s. It’s for hyperscale, colocation and enterprise environments looking for reliable, scalable infrastructure.



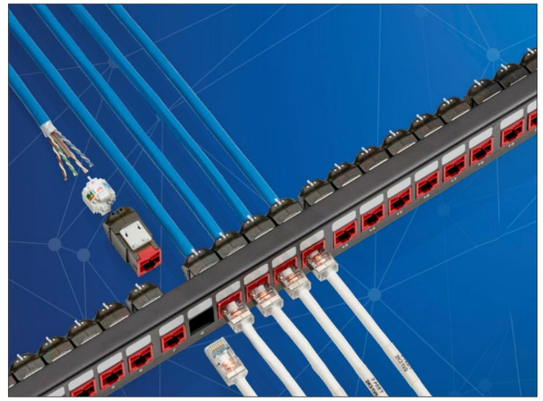
Fiber Optic Cable Plenum, Riser and Outside Plant

Leviton offers a wide array of fiber optic cable constructions utilizing industry-leading single-mode and multimode optical fiber, engineered to maximize reach and optimize link loss budgets for today’s high-density data centers. As network speeds advance toward 800G and beyond, driven by AI workloads and hyperscale demand, selecting the right fiber infrastructure becomes critical to maintaining performance headroom and avoiding costly future re-cabling.



Copper Cable

Leviton offers best-in-class copper cables that are tested to exceed industry standards. From superior alien crosstalk suppression to flexible small-diameter options, we have the ideal solution for all types of demanding data center and enterprise networks. whether Cat 6 or Cat 6A, shielded or unshielded, available in all global fire ratings.



MILLENNIUM™ Copper Systems

Globally available, end-to-end copper solutions designed for consistent performance up to 10G, across data center and enterprise networks. With regionally stocked cable, jacks, patch cords, and patch panels, MILLENNIUM™ ensures fast deployment, global standards compliance, and seamless interoperability wherever your network grows.

Other Cabling & Connectivity Considerations

Patching in Closed Rack Cabinets or Open Patch Panels

Unlike racks, network cabinets provide added security and more protection from the elements. While open racks may benefit from the added protection an enclosure provides, that protection becomes redundant in a cabinet with doors. Also, panels can provide more accessibility in the rear of cabinets — especially helpful for those areas where there is deeper-depth active equipment.

Leviton offers a wide range of enclosures and panels to fit your application.

Data Center Electrical Products for North America

In mission-critical environments like data centers, reliable power distribution and protection are essential. Leviton offers a comprehensive range of electrical solutions—from intelligent PDUs and surge protection to industrial-grade receptacles and smart load centers—engineered to support uptime, safety, and energy efficiency. Combined with modular wiring systems and advanced submetering, Leviton helps data centers stay powered, protected, and prepared for growth.

Isolated Ground Receptacles

For extremely sensitive equipment within the data center, isolated ground receptacles provide a “clean” equipment ground path to prevent interference from the building ground.

Surge Protected Receptacles

Leviton’s surge protective devices can be used individually or as part of a coordinated application strategy, protecting sensitive electronic equipment from damaging voltage transients.

Black & White® Industrial Grade Wiring Devices

Leviton’s 50 Amp Black & White® wiring devices are built to perform in demanding environments such as load tap boxes, load banks, generators, temporary power setups and grayspace applications. Designed for durability and ease of use, they are ideal for data center operations and high-volume deployments where consistent power delivery is essential. Proudly made in North America and backed by a lifetime warranty, these rugged devices offer long-term reliability and peace of mind in every installation.

IEC 60309-1 and -2 Pin & Sleeve Devices

LEV Series pin & sleeve plugs and connectors are designed to simplify installation, endure harsh environments and improve safety and productivity while providing durable electrical power connections. Devices with Inform Technology offer visual power indication, increasing facility safety and enabling faster troubleshooting when there is a power problem with connected equipment.

Single Pole Cam-Type Devices

Designed for high-power applications like generators, load banks, and temporary power setups, Leviton’s Rhino-Hide® Single Pole Cam-Type Devices offer rugged performance and fast, secure connections. Ideal for bulk deployment in grayspace environments, these devices are available in bulk for easy integration.

Data Center Submetering Products for North America

Smarter Lighting for Smarter Data Centers - Leviton’s LED lighting and controls help data centers boost efficiency, visibility, and sustainability. With energy-saving fixtures and intelligent controls, we make it easy to modernize your space, reduce costs, and stay ahead of demand—all backed by expert support and seamless integration.

Submetering & Energy Monitoring

VerifEye® Series 7000 Submeters multi-point energy monitoring for lighting, HVAC, and IT loads.

VerifEye® – Real-time energy monitoring with submeters from circuit-level to whole-building. Gain insights, track usage, and drive efficiency.

Surge Protection Devices

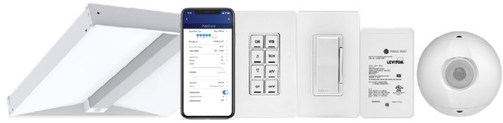
Leviton Type 1 & Type 2 Surge Protective Devices (SPDs) Protect sensitive IT equipment from voltage spikes and electrical surges. Ideal for main panels and branch circuits.

BMO 3.0 – Cloud-based dashboard for visualizing energy data, generating reports, and identifying savings opportunities.

Smart Load Centers

Leviton Smart Load Center Circuit breaker panels with integrated energy monitoring and remote diagnostics—ideal for tracking power usage and ensuring uptime.

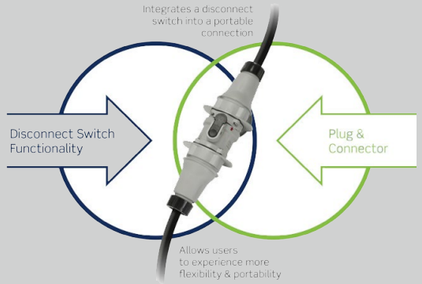
Submetering & Commercial Lighting Controls



Leviton delivers submetering solutions and advanced lighting controls built for data centers—helping you optimize energy use, meet compliance, and gain real-time visibility into your power and lighting systems.

ArcArrest Switch-Rated Pin and Sleeve

ArcArrest lets you safely connect and disconnect under load—no downtime, no arc flash risk. UL 2682 listed and NEC/NFPA 70E compliant, it combines portability with a true disconnect rating, giving data centers a safer, easier way to manage power without compromising uptime.



Power Where it Matters

Leviton electrical solutions power and protect every corner of the data center. From intelligent PDUs and submetering to surge protection and emergency lighting, each component is placed for maximum uptime, safety, and efficiency. With Inform Technology and clean power delivery, this setup is built for performance and peace of mind.

Data Center Lighting Products

A variety of LED luminaires that can be used for data centers, as well as various office and storage spaces. Most of our LED luminaires are customizable and configurable to meet the needs of the space. To optimize your space, here are some of Visioneering's most popular troffers and linear lighting products.

LRDCH Troffer Luminaire for Data Centers

Engineered for structural T-bar applications, the LRDCH luminaire is a purpose-built lighting solution designed to meet the rigorous demands of modern data centers. With seamless compatibility across heavy-duty ceiling systems like Gordon®, Tate®, and Armstrong®, this fixture offers a low-profile, high-efficiency design that simplifies installation in tight plenum spaces. Its room-side driver access ensures easy maintenance in secure environments, making it a reliable choice for facilities where uptime and accessibility are critical.

LSTG - Surface Mounted Troffer

The LSTG surface-mounted, ceiling luminaire features a single piece luminous lens that is ideal for indoor applications where aesthetics, quality and standard 0-10v dimming is required. Features hinged and latched door frame with integral lenses and optics.

ClearForm - LED Single Piece Lens

ClearForm is a premium-grade, recessed, lay-in T-Bar luminaire featuring a single-piece luminous lens for smooth, uniform illumination. Its IC-rated, low-profile design is ideal for shallow or obstructed plenum spaces, making it a practical and efficient lighting solution for data center environments. Whether used in corridors, control rooms, or support areas, ClearForm delivers high-performance lighting with ease of installation and long-term reliability.

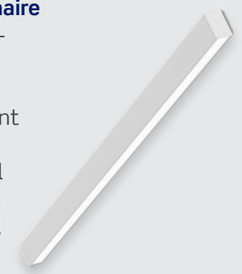
Bevel - Recessed Architectural Troffer

Visioneering's Bevel showcases a modern design that adds architectural flare to any ceiling. It features two angled lenses with a flat center rail which add depth and visual comfort while providing excellent controls and integrated lighting technology options.

LCOMD & LCOMF - High-performance LED Strip Luminaires

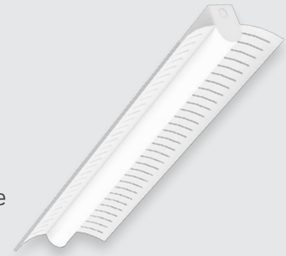
When it comes to reliable, high-efficiency lighting, the LCOMD and LCOMF linear light luminaires deliver performance and versatility in equal measure. Designed for commercial and industrial environments, these high-performance LED strip fixtures are available in 2', 4', and 8' lengths, making them ideal for a wide range of applications.

LMEX-Micro - LED Strip Luminaire



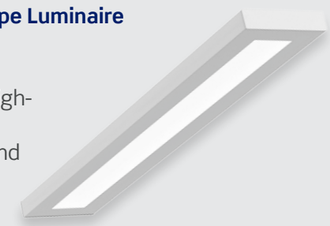
An Intellect enabled premium-grade LED slim profile linear luminaire. This precision formed steel suspended mount luminaire comes with a lay-in frosted lens that offers visual comfort for new construction indoor architectural and retail applications. This luminaire features standalone occupancy sensor with daylight harvesting or a wireless occupancy/daylight sensor that integrates into the Intellect wireless control system.

LCOM P77 with Wing Kits - LED Strip Luminaire



The LCOM LED Commercial Strip Luminaire is a cost-effective, industrial-grade lighting solution designed for demanding indoor environments. Its rugged construction and energy-efficient performance make it ideal for utility areas within data centers, where consistent, low-maintenance illumination is critical for operational reliability. Whether used in equipment rooms, service corridors, or overhead rack lighting, the LCOM LED delivers dependable brightness in spaces that require both durability and efficiency.

ALRM - LED Pendant Type Luminaire



The Leviton ALRM is a sleek, suspended LED luminaire designed for high-performance, low-glare lighting. Its clean lines and efficient output make it ideal for data center corridors, control rooms, and support spaces where visual clarity and energy efficiency are essential.

Please visit our website at **leviton.com** for a complete list of our product offerings.

Integrated Lighting Controls for Data Centers

The GreenMAX® DRC system, paired with the Sapphire™ 7" Touchscreen, delivers powerful, scalable lighting control for data centers. The DRC offers wireless mesh networking, energy-saving automation, and seamless integration with building systems, while the Sapphire touchscreen provides intuitive, centralized control over zones, scenes, and schedules. Together, they create a secure, flexible solution built for mission-critical environments.

Intelligent LED Luminaries featuring Leviton Intellect Control System for automated environments

Select the control option that best fits your needs. Choose from a simple standalone solution like Intellect Solo or, for a more advanced control system, use Intellect Wireless. These luminaires feature a stand-alone occupancy sensor or a wireless occupancy for a more room-level control with grouping.

Features

- Standard low voltage dimming (0-10V)
- Factory installed Intellect occupancy daylight sensor (reducing cost on labor and wiring)
- Out-of-the-box functionality

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Leviton technologies cover every area of the data center – from the gray space to the white space and support offices.

DATA CENTER NETWORK & SUBMETERING SOLUTIONS

STRATA™ Fiber Cable Infrastructure Products

Copper and Fiber Cable

E2XHD Snap-In Cassette Patching System

Make-to-order Pre-terminated Copper & Fiber Trunks

MILLENNIUM™ CAT 6A Copper Systems

Fiber Patch Cords with SPECTRO-LINK™ Technology

OPT-X™ Fiber Optic Systems

HDX Fiber Distribution Frame

TORRENT™ Data Center Immersion Cooling Solutions

Cable Management Solutions

VerifEye® Series 6000 Industrial Panel Mount Meter

VerifEye® Series 7000 Advanced 3-Phase Meters

VerifEye® EMHXD Data Acquisition Server

Surge Protective Panels

Outlet Placement

Decora® Smart Motion Sensing Dimmer Switch

Data Center Infrastructure Solutions

Deploying Data Center Infrastructure at Scale

Leviton technologies cover every area of the data center – from the entrance room and computer room to the telecommunications room (TR) and support offices.

DATA CENTER ELECTRICAL & LIGHTING SOLUTIONS

Intense LD Downlights

ConTech Wall Lighter Track Luminaire

GreenMAX® DRC Wireless

ConTech CPL Performance Pendants

Smart Fixture Mount Sensors

V-0-Max Locking Receptacles

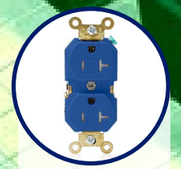
V-0-Max Isolated Ground Locking Receptacles

IEC 60309-1 and 60309-2 Pin & Sleeve Devices

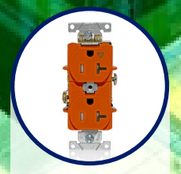
Wire Mesh Safety Grips

Surge Protective Panels

Surge Protective Receptacles



Industrial Grade Receptacles



Isolated Ground Industrial Grade Receptacles

Sapphire™ Touchscreen

GreenMAX® DRC

Visioneering LRDCH

GreenConnect™ Wireless Dimmer

Smart Ceiling Mount Sensors

CONCURVE CONCAVE LED

Smart Wallbox Sensors

ConTech R2RM 2 Downlight

GreenMAX® DRC

Partnering with Leviton

As data center facility operators strive to meet many intersecting challenges, they increasingly seek strategic partners. Collaborative alliances are essential for implementing cutting-edge solutions, ensuring sustainability, overcoming workforce gaps, designing adaptable infrastructures, and optimizing network capabilities. In this rapidly evolving landscape, effective partnerships play a pivotal role in shaping the success of data center facilities. Leviton understands this and can be your strategic partner.

Trusted Advice

Leviton offers trusted advice in structured cabling design, leveraging dedicated resources, extensive knowledge, and hands-on experience. Our capabilities, aligned with your needs, involve collaborative efforts with IT and engineering stakeholders. Committed to understanding your facility's unique requirements, we prioritize your goals, actively listen, and engage in collaborative problem-solving on your behalf, ensuring a tailored and reliable solution. Leviton's NVIDIA certified data center designers can provide rack elevations and layout optimization to support hyperscale and AI applications effectively for today and tomorrow.

Customization

Leviton excels in data center customization with application-specific solutions. Our made-to-order copper and fiber optic trunks adapt to diverse client architectures, configurable to any length. With unique labeling and site-specific packaging, we tailor solutions to match unique customer connectivity formats.

Program Management

Leviton's data center capabilities shine by featuring a dedicated support team that facilitates distribution, pricing, dispute resolution, and meeting milestones through documentation, tracking, and reporting. Our expertise extends to understanding the data center build, scope of works, business drivers, stakeholder relationships, technical deliverables, ongoing customers, and much more.

System Choice

Leviton's expertise aids customers to make informed system choices. Offering high-density enclosures, modular components, and a comprehensive range of end-to-end fiber optic and copper-structured cable systems, we provide solutions tailored to individual needs, including cassettes, adapter plates, enclosures, cooling, pre-terminated trunks, connectors, and cable management.

Environmental Stewardship

Leviton's environmental commitments extend to helping data centers in minimizing their impact. As a global leader, we prioritize sustainability in behavior and solutions, emphasizing carbon reduction, innovation, waste reduction, recycling, and water stewardship through our CN2030 program.

Availability

Leviton ensures both product availability and on-call expertise for data center customers. Our commitment is to support projects on time and under budget, leveraging our extensive manufacturing resources for scalable delivery of fiber optic cable connectivity, hardware, and customized assemblies. We prioritize reducing lead times for enhanced efficiency.

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Leviton's Sustainability Plan

Carbon neutrality by 2030

Our primary sustainability commitment remains unchanged: to achieve company-wide carbon neutrality by the year 2030. This ambitious goal drives our actions, decisions, and innovations. We recognize that every metric tonne of greenhouse gas (GHG) emissions is impactful, and we are actively working to reduce our carbon footprint across all facets of our operations.

The urgency of climate action

The warnings from leading scientific organizations and credible researchers are clear: the targeted 1.5°C limit threshold has been surpassed in less than 10 years, signaling a continued urgent need for substantial reductions in CO2e emissions to prevent further catastrophic impacts on the environment. We recognize the gravity of this challenge and how many communities and businesses are being impacted each year. We take our role in this reduction seriously and acknowledge the urgency of this challenge.

Leviton proudly continues to align ourselves with the Paris Agreement's central strong option for both an environmental and operational standpoint.

Our collective responsibility

As we forge ahead, we recognize that sustainability is a shared responsibility. It requires collaboration, innovation, changes to habits, and the way we operate. Leviton continues our commitment to reducing our environmental impact and enabling our customers to do the same. As a global manufacturer of systems, we are uniquely positioned to impact carbon reduction and energy efficiency within our own business and for our customers.

While Leviton has been integrating sustainability into individual business units for many years, the CN2030 program was developed to formalize Leviton's commitment to sustainability on a company-wide basis.

GBI GREEN GLOBES BUILDING CERTIFICATION — ORGANIZATIONAL MEMBER OF THE YEAR

We estimate that we have avoided and reduced

>210,000 tCO_2e globally through our reduction initiatives an offset investments

Leviton Carbon Offsetting Strategy

Our offsetting projects focus on two main areas: expanding clean and renewable energy globally, and avoiding greenhouse gas (GHG) emissions from landfills.

As an energy-intensive manufacturer and a responsible global citizen, we aim to support the generation of clean energy—ideally in regions where we operate—and to prevent unnecessary GHG emissions from waste.

tCO_2e = metric tonnes CO2 equivalent as per the GHG protocol

Data Center Sustainability

Sustainability in data centers isn't optional—it's essential

Operators must prioritize energy efficiency by using smarter cooling systems, virtualizing servers, and deploying energy-optimized hardware. AI-powered energy management can further cut waste and boost performance.

Renewable energy is a game-changer

Whether through on-site solar, wind, or green energy contracts, shifting away from fossil fuels reduces carbon footprints and builds resilience. Water conservation also matters—closed-loop cooling and recycling systems help minimize environmental impact.

Green design and responsible waste management

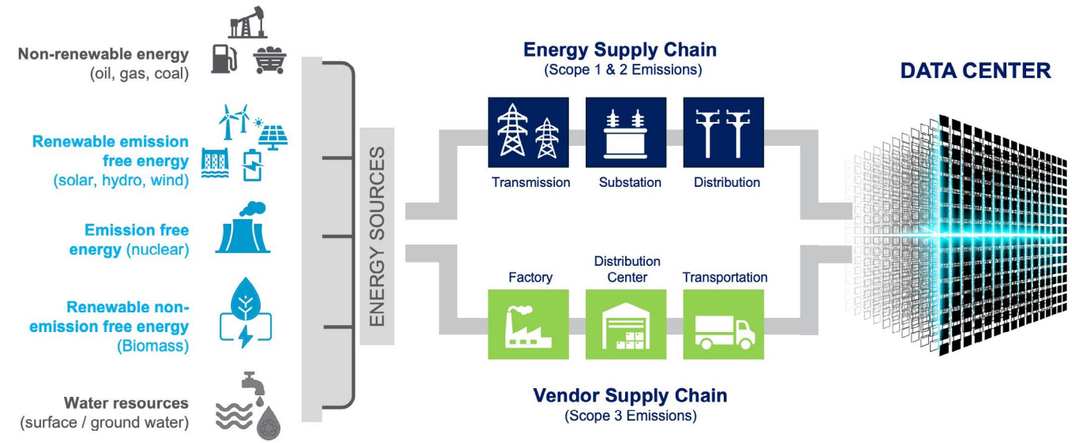
Building with sustainable materials, earning certifications like LEED, and recycling e-waste all contribute to a circular economy. Real-time monitoring and ESG reporting ensure transparency and continuous improvement.

GBI ORGANIZATIONAL MEMBER OF THE YEAR

Location matters too

Siting data centers in cooler climates or near renewable sources can amplify sustainability gains. And by collaborating with tech innovators, data centers can stay ahead of the curve and lead the charge toward a greener digital future.

Thinking Outside the BOX



The Company We Keep

We collaborate with many different people and organizations to help us achieve our sustainability goals.

CLIMATE TRADE · Declare. · ecoact an atos company · GBI GREEN GLOBES BUILDING CERTIFICATION

INTERNATIONAL LIVING FUTURE INSTITUTE · LIVING BUILDING CHALLENGE · sphera · TRACERA · U.S. GREEN BUILDING COUNCIL USGBC

The DNA of Successful Deployment and Remediation

Leverage partners to meet organizational objectives, on-time and under budget

● Data Center Stakeholders ● Leviton

CONSTRUCTION PHASES

REMEDIATION PHASES

PHASE 1

Facility Needs Assessment

Discuss what is needed to best optimize and maintain the physical condition and value of facility, develop capital budgets, and prioritize resources.

- Define use cases that meet organizational objectives.
- Understand objectives to advise possibilities and practical considerations.

PHASE 2

Pre-Construction and Design Phase

Review, revise, and expand schematic plans and elevations to incorporate all the details and specifications required for construction.

- Operationalize requirements through programmatic and design development.
- Advocate design and specifications with practical solutions to meet use case goals.

PHASE 3

Procurement Phase

Plan and acquire goods and services needed for construction, while considering timeline, quality of project, and budget.

- Establish engineering efforts that leverage maximum acquired value of equipment, material, and construction services.
- Ensure integrity of design and construction intent are met during procurement with solutions that exceed requirements.

PHASE 4

Construction Phase

Architect, engineers, and project manager to perform quality control inspections, respond to Requests for Information (RFIs) and review and approve technical submittals.

- Realize benefits of planning that results in effective implementation, quality assurance, approvals, tracking of deviations, and guaranteed delivery of contractor requirements.
- Generate engineering submittals and solutions for vertically integrated supply chain.

Solve Organizational Challenges

- Artificial Intelligence
- Sustainability
- Skilled Labor
- Infrastructure Agility
- Network Performance

PHASE 5

Facility Operation

Following the conclusion of a project, continuously track and monitor efficiency of day-to-day operations to ensure needs are being met.

- Maximize facility uptime and minimize operational costs.
- Ensure upgrade path and product life cycle outpaces emerging demands.

PHASE 6

Repairs and Maintenance

Continuously address and minimize need for repairs through preventative maintenance and strategic planning; use a thorough approach to repairs when needed, keeping a long-term building perspective in mind.

- Reduce capital expenditure related to maintenance and repair.
- Solutions that achieve predictive maintenance and operational efficiency goals, with life cycles that outlast their design intent.

PHASE 7

Annual Needs Assessment

On a yearly basis, ensure teams are routinely communicating and monitoring for potential facility needs and repair priorities.

- Cyclical assessment and revision of organization goals and objectives.
- Act as a trusted advisor of compliance with new codes, standards, and emerging technologies in order to enhance infrastructure to proactively address evolving operational requirements.

Leviton Partner

Catalyst

Successful partnerships with solution experts meshed with relevant project life cycle roadmaps can ensure successful remediation and deployment that further translate into positive organizational growth and operations.

CONTROLS LIGHTING ELECTRICAL NETWORK

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THE FUTURE IS ON®

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