



# DATA CENTER

## SOLUTIONS OVERVIEW



# DATA CENTER SOLUTIONS



Data center owners and stakeholders depend on high standards of availability, energy efficiency, redundancy, safety and security.

Hubbell's time-tested breadth of solutions spanning communications, electrical, grounding and power infrastructure continues to meet the demands of Data Center design and resilient availability. From small equipment rooms to hyperscale Data Centers, depend on the Hubbell team of experts to help realize unprecedented uptime that aligns with your modern business requirements.



## Meeting Needs From All Perspectives Human-Centric Technology, Controls and Lighting

Hubbell's solutions minimize the Total Cost of Ownership of Data Centers with interactive technology that exceeds design requirements, reduces start-up and operating costs and maximizes long-term reliability. Anytime, anywhere access to digital applications and devices is no longer a convenience – it's an expectation. Keep connectivity, reliability and uptime at the forefront with futureproof solutions.



### Ease of Operation & Expansion



### Energy Efficiency and Environmental Sustainability



### Technical Innovation and Performance



### Safety & Regulatory Compliance



## DATA CENTER MARKETPLACE

Hubbell Data Center solutions deliver connectivity and communications -- with results that combine business priorities and environmental stewardship:

- Scalable software suite that provides configurable options for delivering advanced customized energy saving strategies, building automation integration and enablement of IoT solutions.
- Power over Ethernet (PoE), lighting and control platforms that seamlessly integrate luminaires, sensors, user interfaces and software for scalable, intelligent building control solutions.
- Fully integrated systems of copper and fiber network cabling and components, designed to meet PoE performance and reliability standards.

- ⊙ Educational
- ⊙ Energy and Utilities
- ⊙ Entertainment Services
- ⊙ Federal, State and Local Government
- ⊙ Financial
- ⊙ Healthcare

- ⊙ IT and Telecom
- ⊙ Insurance
- ⊙ Legal Firms
- ⊙ Manufacturing
- ⊙ Pharmaceutical and Life Sciences
- ⊙ Retail

# OUR BRANDS

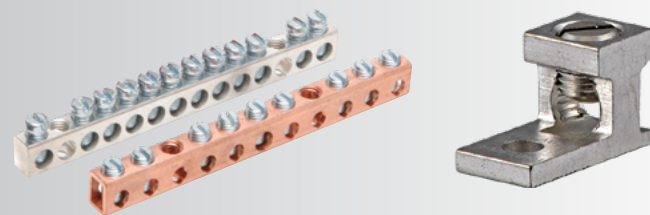


We transform energy into what you do, every day!

- Distribution Transformers
- Non-Linear Load Transformers
- Industrial Control Transformers
- Line Reactors
- Active Filters



- Pad Mounted Termination Enclosures
- Pedestal Connectors
- Street Light Connectors
- Stud-Mount Transformer Connectors
- Submersible Connectors

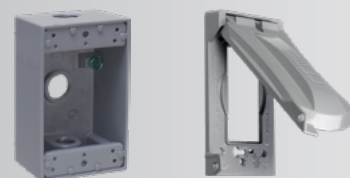


Wildlife Mitigation Solutions

- Greenjacket – precise-fit made to order wildlife mitigation substation solutions
- Reliaguard – pre-molded common distribution equipment wildlife mitigation products



Two brands define weatherproof in North America. Bell is the name contractors know for outdoor electrical solutions: boxes, covers and outdoor lighting. TayMac invented in-use covers. We also offer conduit bodies and indoor wall plates.



- Touchless Communication Solutions
- Audio & Video Monitoring
- Security Access and Alarm Activation



NX Distributed Intelligence™ lighting control platform that connects intelligent devices including luminaires, controllers, panels, occupancy sensors, photocells, wall switches.



- Cable & Wire Management
- Power & Grounding
- Installation Tooling Solutions



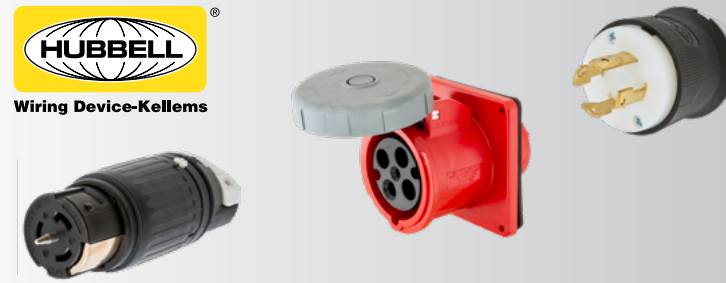
- Cable and Hose Management
- EZ Hose Air/Liquid Reels
- Heavy Duty Tool Balancers
- Heavy Duty Hose Reels
- Industrial Power Cord Reels



- Alternative Energy Conversion Systems
- AC/DC Contactors
- Power Resistors

# OUR BRANDS

Soft Start Fire Pumps, designed to conform to the latest requirements of NFPA 20, UL 218 and FM 1321/1323.

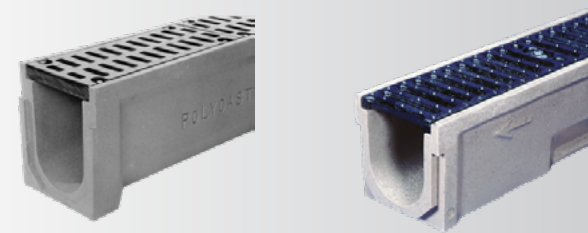


- Plugs, Connectors, Receptacles and Inlets
- Intelligent Wiring Devices
- Kellems Grips & Cord Connectors
- Floor Boxes & Poke-throughs

- Copper & Fiber Infrastructure
- Racks, Cabinets & Enclosures
- Cable Management
- Power Distribution
- Grounding & Bonding

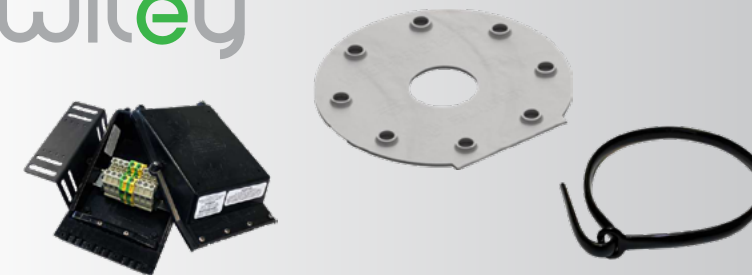


## POLYCAST



Pre-sloped drain systems, designed for a variety of indoor and outdoor applications.

## WILEY



- Bonding and Grounding
- Wire Management
- Clamping
- Conduit Entry

Grade-level and below ground enclosures, above ground pedestals and equipment pads for underground utility infrastructure.



## HUBBELL® Utility Solutions



- Inside and Outside the Fence – Grid Power and External Network
- High Capacity Fiber Splice Enclosures
  - Helical Cabinet Foundations
  - Arresters

- Commercial and Industrial Enclosures
- Stainless Steel & NEMA 4 Enclosures
  - Continuous Hinge Electrical Enclosures

## WIEGMANN




























- Steel Electrical Boxes, Covers & Commercial Fittings
- Data/AV Boxes
  - Electrical Boxes and Accessories

# APPLICATION AREAS



A total Hubbell solution meets the complex challenges of data center applications by providing leading-edge performance, regulatory compliance and future forward products. Backed by proven advanced engineering and manufacturing processes, Hubbell products address the needs of key stakeholders including clients, staff, facility management and third-party contractors and specifiers.

Data Center Application Areas	Data, Voice, Communications, Connectivity	Indoor, Outdoor, Egress Lighting, Controls, Pole Foundations, Enclosures, Drains	Grounding, Connectors, Wire Management	Wiring Devices, Cable Support, Raceway	Transformers, Metal Electrical Enclosures, Pump Controls	Boxes, Fittings, Junction Boxes, Weatherproof, Wildlife Mitigation
Common Areas & Public Spaces	○	○	○	○	○	○
Corridors & Stairwells	○	○	○	○	○	○
Office & Meeting Spaces	○	○	○	○	○	○
Computer Rooms	○	○	○	○	○	○
Network Operations Centers	○	○	○	○	○	○
Security Areas	○	○	○	○	○	○
High Heat Density Server Rooms	○	○	○	○	○	○
Electrical & Mechanical Areas	○	○	○	○	○	○
Uninterruptable Power Supply Areas	○	○	○	○	○	○
Parking	○	○	○	○	○	○
Modular (Prefab Trailer)	○	○	○	○	○	○
Entrance/Telecommunications Rooms	○	○	○	○	○	○
Power/Renewable Energy	○	○	○	○	○	○
 <b>The name behind trusted, reliable and industry leading brands.</b>	 	    	     	 	   	    

# DATA CENTER APPLICATIONS



Hubbell provides a complete offering of product solutions that meet the complex challenges of data center applications.

## Common Areas & Public Spaces

- Communications
- Controls
- Emergency & Exit Lighting
- Lighting
- Wiring Devices



## Computer Rooms

- Cable Tray & Raceway
- Communications
- Controls
- Enclosures & Boxes
- Exits & Inverters
- Grounding & Bonding
- Lighting
- Wiring Devices



## Electrical & Mechanical Areas

- Communications
- Fire Pump Controller
- Enclosures & Boxes
- Exits & Inverters
- Cable & Hose Reels
- Grounding & Bonding
- Lighting
- Wiring Devices



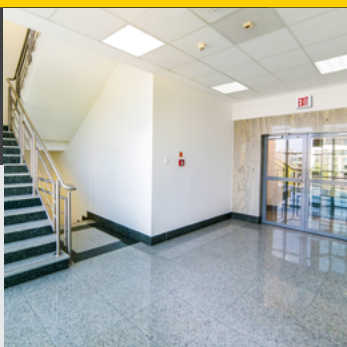
## Modular (Prefab Trailer)

- Communications
- Controls
- Enclosures & Boxes
- Exits & Inverters
- Cable & Hose Reels
- Grounding & Bonding
- Lighting
- Wiring Devices



## Corridors & Stairwells

- Communications
- Controls
- Emergency & Exit Lighting
- Lighting
- Wiring Devices



## Security Areas

- Cable Tray & Raceway
- Communications
- Controls
- Enclosures & Boxes
- Exits & Inverters
- Grounding & Bonding
- Lighting
- Wiring Devices



## Uninterruptible Power Supply Areas

- Cable Tray & Raceway
- Communications
- Controls
- Enclosures & Boxes
- Exits & Inverters
- Grounding & Bonding
- Lighting
- Substation Protection
- Wiring Devices



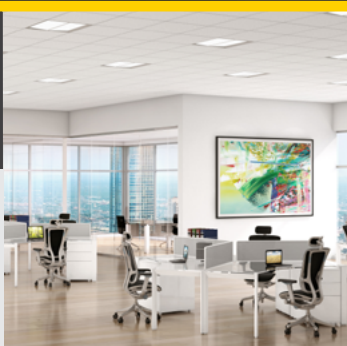
## Entrance/ Telecommunication Rooms

- Cable Tray & Raceway
- Communications
- Controls
- Enclosures & Boxes
- Exits & Inverters
- Grounding & Bonding
- Lighting
- Wiring Devices



## Offices & Meeting Spaces

- Communications
- Controls
- Rough-In
- Lighting
- Wiring Devices



## High Heat Density Server Rooms

- Cable Tray & Raceway
- Communications
- Controls
- Enclosures & Boxes
- Exits & Inverters
- Grounding & Bonding
- Lighting
- Wiring Devices



## Parking & Exterior

- Communications
- Controls
- Enclosures & Boxes
- Exit Lighting
- Grounding & Bonding
- Lighting
- Vehicle Charging
- Trench Drain
- Wiring Devices



## Power/ Renewable Energy

- Arresters
- Communications
- Controls
- Enclosures & Boxes
- Grounding & Bonding
- Insulators
- Lighting
- Wildlife Mitigation Solutions
- Wiring Devices



RELIABLE – TIME TESTED



From Science to Solutions

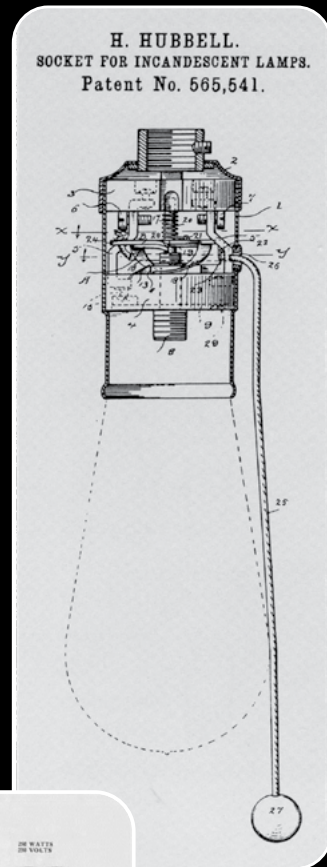
Harvey Hubbell  
FOUNDER 1888



1896–1909  
45 patents

1896  
Pull-chain  
Electrical Light  
Socket patent

1904  
The U.S. Electrical  
Plug & Receptacle  
made portable  
electrical devices  
possible



Electromechanical to the Latest Connected Innovative Technologies



Hubbell's solutions provide opportunities that improve system performance and provide insight into data center operations and building efficiency.

**inSIGHT™**  
inSIGHT™ data monitoring solutions predicts and prevents costly downtime before it happens with real-time data alerts, trends and analytics.

**POWERHUBB™**  
PoE LIGHTING & CONTROL  
PowerHUBB™ lighting and control platform seamlessly integrates luminaires, sensors and user interfaces for scalable intelligent building control solutions.



Hubbell Incorporated is a global manufacturer of quality electrical and electronic products for a broad range of applications in the electrical and power segments.

130+  
Years Serving  
our Customers

18,800  
Employees  
Across the Globe

9  
Global Operations  
in 9 Countries

2,400  
Patents

80+  
Brands  
Available

50  
Manufacturing  
Locations

4  
Operating  
Groups

RELIABLE – TIME TESTED



- Integrated Solutions Approach
- Complete System Sell
- After-The-Sale Customer Support

## From our vision to your facility—

Architects, Engineers & Technology Consultants

*from design*



Engineer Procure & Construction Firms

*to construction*



Contractors

*to maintenance*

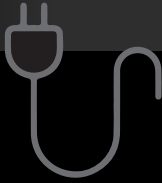


IT Technology Managers & Network Engineers



Hubbell and our valued channel partners provide trusted local support backed by our global infrastructure that ensures reliable, continuity of service and responsiveness to any electrical need that may arise.





## COMMERCIAL AND INDUSTRIAL PRODUCT CATEGORIES

- WIRING DEVICES & ACCESSORIES
- PLUGS & RECEPTACLES
- SWITCHES & DIMMERS
- DATACOM CONNECTIVITY & ENCLOSURES
- PIN & SLEEVE DEVICES
- JUNCTION BOXES
- CABLE REELS
- STEEL & PLASTIC ENCLOSURES
- GROUND FAULT DEVICES
- ELECTRICAL MOTOR CONTROLS



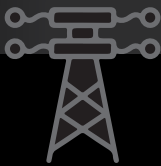
## LIGHTING AND CONTROLS PRODUCT CATEGORIES

- CANOPY LIGHTS
- PARKING LOT/PARKING GARAGE FIXTURES
- EMERGENCY LIGHTING/EXIT SIGNS
- BATH/VANITY FIXTURES & CEILING FANS
- ARCHITECTURAL LIGHTING & SCONCES
- OCCUPANCY, DIMMING & DAYLIGHT HARVESTING SENSORS
- DECORATIVE LANDSCAPE FIXTURES
- BOLLARDS
- FLOODLIGHTS & POLES
- SITE & AREA LIGHTING
- RECESSED, SURFACE MOUNTED & TRACK FIXTURES



## CONSTRUCTION AND ENERGY PRODUCT CATEGORIES

- MECHANICAL CONNECTORS GAS CONNECTORS AND ASSEMBLIES
- MECHANICAL GROUNDING DEVICES
- MINING COMMUNICATION & CONTROLS
- SPECIALTY LIGHTING
- SAFETY EQUIPMENT
- SPECIALTY COMMUNICATIONS EQUIPMENT
- INSTALLATION TOOLING
- COMPRESSION CONNECTORS
- CABLE GLANDS & FITTINGS



## POWER SYSTEMS PRODUCT CATEGORIES

- ARRESTERS
- GROUNDING & BONDING EQUIPMENT
- INSULATORS
- POLE LINE HARDWARE
- SECTIONALIZERS
- FORMED WIRE PRODUCTS
- OVERHEAD, PAD MOUNTED & CAPACITOR SWITCHES
- METER INSTALLATION SERVICES
- ADVANCED METERING INFRASTRUCTURE
- METERS AND EDGE DEVICES
- BUSHINGS
- CUTOUTS & FUSE LINKS
- PROGRAMMABLE RECLOSERS
- CABLE TERMINATIONS & ACCESSORIES
- HELICAL ANCHORS & FOUNDATIONS
- LINEMAN TOOLS, HOSES & GLOVES
- SPLICES, TAPS & CONNECTORS
- POLYMER CONCRETE & FIBERGLASS ENCLOSURES AND EQUIPMENT PADS
- WILDLIFE MITIGATION SOLUTIONS

