

# **COMMERCIAL CONSTRUCTION**SOLUTIONS OVERVIEW



# CONSTRUCTION SOLUTIONS



Facility owners and users depend on Commercial Builders to utilize reliable components that provide consistent service. Hubbell's commitment to quality ensures our electrical products deliver high performance installation, safety and user experience. No matter the project size, we align with your construction needs.

## **Meet Requirements in Every Project Phase**

Trust Hubbell As Your Partner

Hubbell has pioneered manufacturing electrical components for over 130 years. The core of our product development strategy is a customer-centered approach. With an eye on the evolving needs of the marketplace, we constantly seek to provide you innovative, accessible and cost-effective solutions for a rapidly changing world.









### **Commercial Construction**







- O Data Centers
- DistributionCenters
- Education

- Entertainment
- Healthcare
- Hospitality
- Mixed Use

- Office
- Retail
- Sports Arenas

### **Construction Phases**

Planning	Consultation, BIM, Specifications		
Design	BIM		
Site Preparation	Helical Anchors, Grounding, Temporary Power		
Footings and Foundation	Helical Anchors, Grounding & Bonding, Concrete Flo Boxes, FRPT Pour Sleeves		
Structural Steel	Temporary Power, GFCI		
Interior Rough-In	Pre-Fab, Conduit Boxes & Fittings, SNAPConnect®		
Interior Trim-Out	Enterprise Wiring, Wiring Devices, Light Fixtures, Wireless Networks		
Finishing Work	Communications, SNAPConnect®		
Punch-List	Support		
Commissioning	Consultation, Service, SNAPConnect®		

Address the needs of all your stakeholders at every stage of construction: engineers, electricians and installers, facility owners and managers as well as end users. Count on Hubbell to add value to your project.

# **CONSTRUCTION SOLUTIONS**



# Hubbell supplies you with complete electrical product categories

		Competitor	Competitor	Competitor	Competitor
<b>Product Categories</b>	HUBBELL	1	2	3	4
Cable Tray	<u></u>	<u> </u>	<u></u>		<u> </u>
Communication Systems	<u></u>		<u> </u>		
Conduit Fittings	<u> </u>	<u> </u>			
Cord Reels	<u>.</u>				
DataCom Connectivity	<u> </u>				<u> </u>
Electrical Boxes	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
Electrical Lugs	<u> </u>				
Electrical Enclosures	<u> </u>		<u> </u>		
Enterprise Network	<u> </u>				<u> </u>
Fire Pump Controllers	<u> </u>				
Floor Boxes / Fire-Rated Poke-Through	<u> </u>	<u> </u>			
Grounding & Bonding	<u> </u>		<u> </u>		
Helical Anchors	<u></u>			<u></u>	
Raceway	<u> </u>				
Safety	<u></u>				
Wireway	<u></u>				<u> </u>
Wiring Devices	<u></u>		<u> </u>		<u> </u>

Minimize total cost of ownership! Interactive technology, services that exceeds design, reduced start-up and operating costs, maximum reliability. Trust the name behind reliable recognized brands as your source for future-proof electrical products ...





and conditioning products







Weatherproof boxes and covers







Wiring Device-Kellems







Electrical devices and delivery systems



**Hubbell Premise Wiring** 







Copper and fiber network cabling, systems and components









Steel boxes, covers and fittings













**Enclosures** 













#### For Contractors:

Hubbell understands that skilled labor is a significant investment in any project. As it becomes increasingly difficult to find, our engineers focus on innovation that adds value for construction firms. We are committed to creating products that are safer and less costly to install. Our solutions-based approach solves a variety of construction industry needs.

## Modular (Off-Site) Construction

"Modular construction is a process in which a building is constructed off-site, under controlled plant conditions, using the same materials and designing to the same codes and standards as conventionally built facilities – but in about half the time. Buildings are produced in "modules" that when put together on site, reflect the identical design intent and specifications of the most sophisticated site-built facility – without compromise." - Modular Building Institute







Construction, meet Henry Ford's assembly line! As the commercial construction industry evolves, modular construction techniques help streamline the process. Hubbell products, packaging and kitting compliments these efforts.







Votaw Electric works closely with Hubbell's field sales team during the layout and design phase when bidding key projects. Faster installation, accurate delivery, and support direct from the manufacturer is why Votaw Electric prefers and recommends Hubbell duct products for all our customer projects!"

Ben Hermann, president, Votaw Electric

#### **Pre-Fab Construction**







"Integrated manufacturing is a group of organizations or companies that work together in the same industry but specialize in different sectors to complete a finished product." - TeleTec



RACO® box assemblies include the STAB-iT® II connectors for fast MC cable installation and a variety of mounting bracket, cable management and mud ring options. They're ready to install right out of the box. **Integrated for Construction:** When off-site modular construction isn't viable, prefabricated components and systems offer the next best thing.

Utilizing hundreds of the same system components on one job? Let us assemble them for you. Hubbell integrates various products into prefabricated assemblies at the factory. This systems approach leverages economies of scale from across geographies and product lines to drive process efficiencies.

The tangible advantages include lowering installed project cost.

Custom pre-wired access floor boxes. Part of the CONNEXION 2.0 Zone Distribution System that reduces fabrication and installation time while also lowering job site waste.

## **Installation Efficiency**

"Necessity is the mother of invention" - Plato



Creating components since 1888 results in A LOT of customer perspective. Hubbell manufactures millions of electrical components each year for use by licensed professionals. Do the math. If we make installing even a single component safe and more efficient, it impacts the aggregate. That's why we devote millions of dollars to research and product development. Our investment results in on-the-job labor savings for you.

SNAPConnect® devices – Efficient modular design eliminates exposed live parts and replaces pigtails, which ensures consistent, safe and reliable connections during rough-in installation. This also eliminates device wiring at trim out, allowing journeymen to focus on more critical tasks.

Ask a Hubbell sales representative about ways Hubbell can help you deliver your next project on budget and on time. Whether your project is one building or many, Hubbell has the right solution!



#### For Contractors/Owners:

Throughout the life of any project, keeping workers safe and healthy has never been more important. For construction, Hubbell manufacturers products that ensure electrical safety, minimize slips, trips and falls, and enhance workers' productivity. Our products also protect occupants' wellness in finished spaces through contactless operation, clean surfaces, illuminated egress and convenience.

## **Construction Site Safety**

Hubbell has always focused on safety. We set the industry standard by creating the first safety receptacle and remain committed to helping contractors maintain safe workplaces. Our products maximize protection against injury and the potential dangers of electricity.

- Watertight Wiring Devices
- Cord Reels
- Hose and Cable Protection Systems
- Temporary Power Boxes
- Arc Flash Safety
- Ground Fault Circuit Interrupters (GFCIs)
- Lockout and Tagout Products

"Electricity has long been recognized as a serious workplace hazard." - OSHA





## Life Safety

Hubbell's dependable emergency and power products meet the demand when emergencies strike, enabling safe egress. Ensuring full protection means our life safety products are reliable and easy to identify.

- · Life Safety fire alarm wire management
- FloorTrack Pro over or in floor power routing
- Emergency Communication systems

"NFPA 101 is a Life Safety Code that addresses minimum life safety and safe exiting requirements for occupants in case of a fire and other emergencies." - Secura



#### **Building Wellness**

"The WELL Health-Safety Rating for Facility Operations and Management is an evidence-based, third-party verified rating for all facility types, focused on operational policies, maintenance protocols, emergency plans and stakeholder education to address a post-COVID-19 environment now and broader health and safety-related issues into the future." - International Well Building Institute



Hubbell understands the increasing focus on the health and wellness of building occupants. Our products improve tenants' interactions with the spaces that they occupy. As the demand for building density monitoring increases, so does the demand for convenience, contactless control, flexible internal infrastructure and workplace zoning.

Ask your Hubbell representative for more information on products that ensure the safety of everyone on premise, from the earliest construction phase until long after building commissioning.

# SUSTAINABILITY



#### For Owners:

Climate change and resource scarcity pose challenges to businesses as well as risks to our environment. Hubbell views itself in a unique position to drive positive change through both corporate initiatives and the products we bring to market. We work to limit our own natural resource consumption while providing you with products that enable a more sustainable infrastructure.

#### **Attract Tenants**

Hubbell delivers products that make peoples' lives better. Our research and development is focused on seamless and convenient technology that workers expect today and tomorrow. Our product portfolio helps create inviting and productive workspaces that attract leasees, satisfy tenants and reduce overall operational costs.

"LEED-certified buildings command the highest rents, while lease-up rates typically range from average to 20% above average; vacancy rates for green buildings are an estimated 4% lower than non-green properties." - USGBC

EV Chargers

- USB Receptacles
- Connected Receptacles
- JumpCharge portable device charging





### Renewable Energy

Hubbell assists the replacement of fossil fuels with sustainable alternatives. We proudly offer a wide range of products and services for renewable energy projects. The scope of our involvement covers solar panels and arrays, to wind turbines and collector systems.

- Transmission and Distribution
- Wire Management
- Grounding & Bonding
- Enclosures

"Renewable energy can play an important role in reducing greenhouse gas emissions."

- U.S. Energy Information Administration







Ask your Hubbell representative for information on how Hubbell products reduce consumption and lower energy bills. We work hard to minimize the effects on our environment via sustainable manufacturing, reducing waste during the construction phases and minimizing the resources required to operate commercial buildings.



#### For Owners:

Automated... connected... smart. Buildings have come a long way from simply providing protection from the elements. Technology advances cause buildings to evolve more rapidly. Building systems collect data to optimize temperature, air quality, security, and energy consumption. Hubbell components complement and integrate function and operability. Quality products deliver the reliability and connectivity that create the backbone of modern buildings.

#### **Controls**

Hubbell offers three highly scalable, integrated control platforms provide building owners and lighting designers cost-effective smart building deployments. Our advanced controls and sensors leverage the Internet of Things (IoT). Allow your building users to switch electrical loads remotely via controlled receptacles and voice-only interfaces.

- Adaptive Technology Occupancy Sensors
- Controlled Receptacles
- iDevices Wi-Fi and Bluetooth switches and receptacles

"The autonomous smart building is the secret sauce for building a smart city."

- facilitiesnet





# Connectivity



Hubbell's fully integrated copper and fiber network cabling and component designs exceed all applicable standards for performance and reliability. Our intelligent Power over Ethernet (PoE) networking future-proofs buildings with a digital ceiling platform that delivers the best ROI in the industry. You can even facilitate indoor positioning via sensors/ transmitters integrated in our light fixtures.

"IoT helps create dynamic, and intelligent cloud-based interoperable networks by connecting electrical, mechanical, and electro-mechanical systems and platforms."

- FacilityExecutive

- · Premise Wiring IoT
- Indoor Positioning System
- HUBBCOM IP Phones



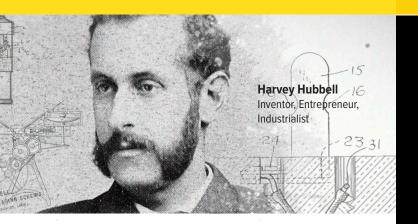




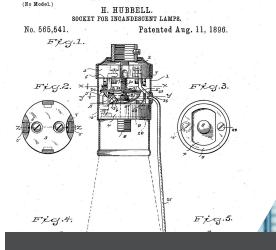
Ask your Hubbell representative about how to ensure reliable and smart delivery of lighting, power and control with our smart products. We combine generations of quality with technology and connectivity that prepares for generations to come.

# **RELIABLE & TIME TESTED**





Founded in 1888, Hubbell
Incorporated is a global
manufacturer of quality electrical
and electronic products for a
broad range of applications in the
Electrical and Power Segments.



Science Becomes Solutions: Innovating From Electromechanical to Tomorrow's Connected Technology



Hubbell's early innovations shaped our everyday world. This legacy leverages technology for our products and processes. Our rich history lays the groundwork for a future that includes integrated electronics and controls for human-centric solutions.

130+
Years Serving
our Customers

**18,300**Employees
Across the Globe

3,000

Patents

9

Global Operations in 9 Countries

**53**Manufacturing Locations

# ONE HUBBELL ADVANTAGE

Hubbell innovation, flexibility, efficiency and experience come to a focus on meeting the unique needs of commercial construction. Count on a broad range of solutions from a single trusted name.

Make Hubbell an Integrated Partner in Your Business!

#### **Real Estate Developers and/or Owners**



#### **Architects and Engineers**



#### **Contractors and Project Managers**



#### **Property and Facility Managers**





#### **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



#### **CONSTRUCTION AND ENERGY PRODUCT CATEGORIES**

- MECHANICAL CONNECTORS GAS CONNECTORS AND ASSEMBLIES SPECIALTY COMMUNICATIONS EQUIPMENT
- MECHANICAL GROUNDING DEVICES
- MINING COMMUNICATION & CONTROLS
- SPECIALTY LIGHTING
- SAFETY 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