MNS Company Overview

MacLean Power Systems

At A Glance

35+ Years: Established as a bolt on to a larger parent company in 1986, MPS has grown substantially and is now a standalone company.

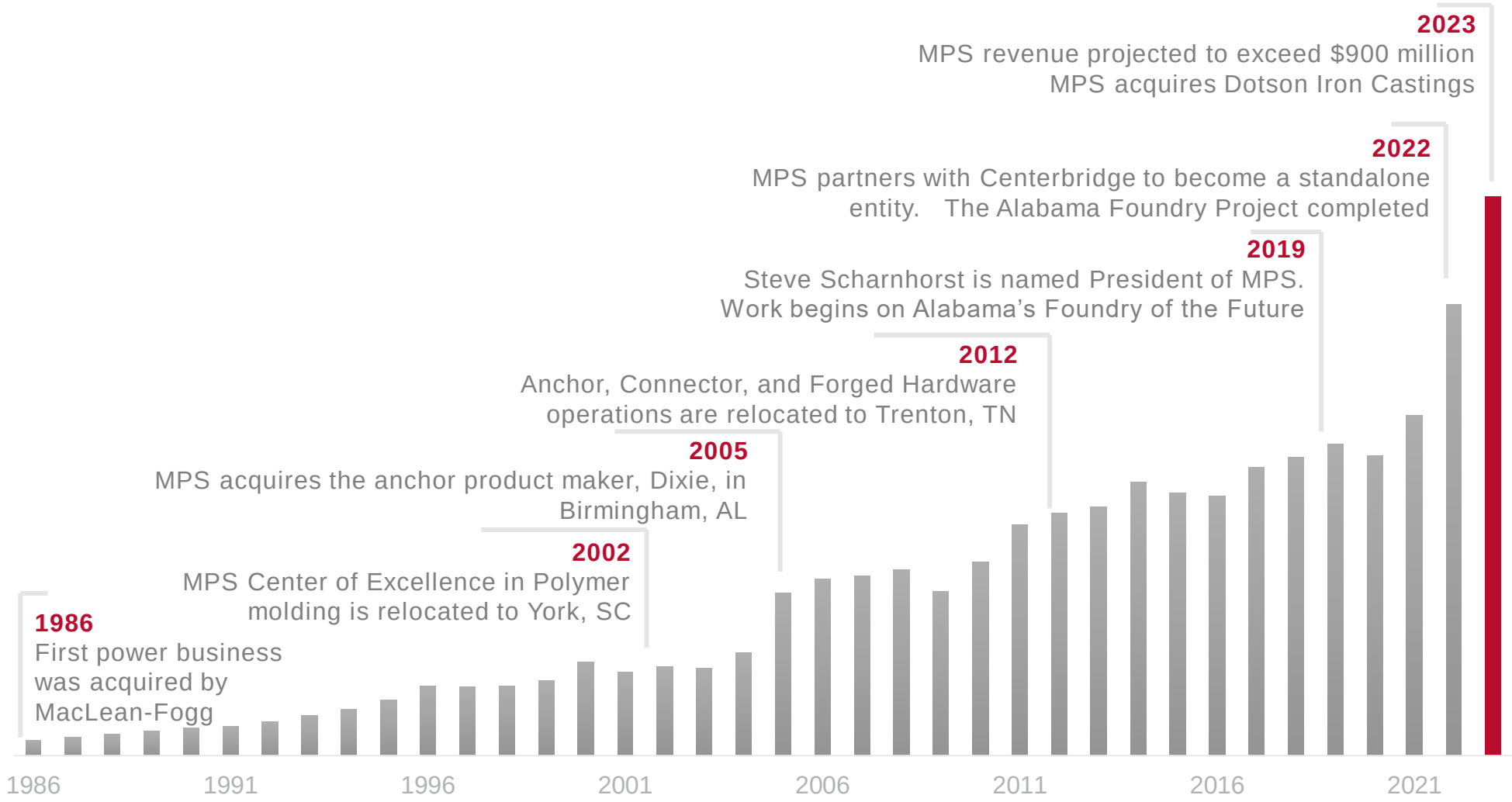
1,900+ Employees: MacLean Power Systems worldwide workforce consists of more than 1,900 dedicated team members.

3 Markets Served: MacLean Power Systems serves 3 major markets across the globe, utility, communications, and civil.

14 Facilities: MacLean Power Systems has 14 facilities around the globe.

MacLean Power Systems

A Timeline of Growth



NORTH AMERICAN AND SOUTH AMERICAN LOCATIONS

NORTH AMERICA

CORPORATE HEADQUARTERS

Fort Mill, South Carolina

NATIONAL DISTRIBUTION CENTER

Olive Branch, Mississippi

MANUFACTURING

Alabaster, Alabama
Chateauguay, Quebec, Canada
Mankato, Minnesota
Newberry, South Carolina
Stockton, Califorina
Trenton, Tennessee
Woodale, Illinois
York, South Carolina

SOUTH AMERICA

MANUFACTURING

São Paulo, Brazil

Values

Safety
At the heart of all our endeavors lies our unwavering commitment to safety, epitomized by our core value of Mission Zero.

Leadership
Leadership is inherent in all we do; we are always on stage.

Accountability
Accountability, lead myself well, step up, own it, correct it and move on.

Excellence
Excellence, our commitments and behaviors drive our results.

Trust
We strive to build trust within the team, and our actions determine the speed of trust.

Teamwork
Building flexibility and accountability helps each other be great.

Communications
Positive communications drives buy-in.

Environment
Protecting our community is good business.

Plant Overview

Wood Dale, IL

30K SQ FT I 35 Employees

FACILITY FOCUS
Product design, assembly and distribution of Telecommunication products

FACILITY FACTS
Home of Network Solutions, MPS's Telecommunications business.

PRODUCT SPOTLIGHTS
Pole Line Hardware, Drop Hardware and Grounding and Bonding products

ISO SAFETY STANDARDS
MNS is registered to the ISO 9001:25 quality management standard.

Trenton, TN

300K SQ FT I 450 Employees

FACILITY FOCUS

Manual & automatic welding, hot forging, and rotary swaging.

FACILITY FACTS

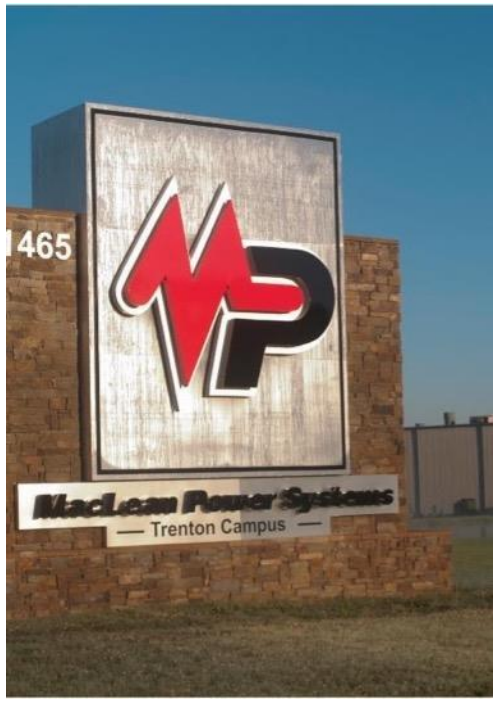
Consolidated three factories into one large facility. Added Robotic welding & forging to expedite production time

PRODUCT SPOTLIGHTS

Anchors, Pole Line Hardware, and Automatic Connectors

ISO SAFETY STANDARDS

MPS Trenton has achieved an ISO:9001 in quality, environmental and safety



Alabaster, AL

160K SQ FT I 350 Employees

FACILITY FOCUS

Aluminum Casting, Fiberglass and Metal Component Assembly, Metal Fabrication

FACILITY FACTS

Completed consolidation of 2 facilities in 2022. Installed state of the art aluminum foundry to increase output

PRODUCT SPOTLIGHTS

Iron and Aluminum Hardware, and Fiberglass Brackets & Guy Strain Insulators

ISO SAFETY STANDARDS

MPS Alabama has achieved an ISO 9001:2015 for Quality, Environmental, and Safety.

Olive Branch, MS

120K SQ FT I 41 Employees

FACILITY FOCUS

Distribution Center

FACILITY FACTS

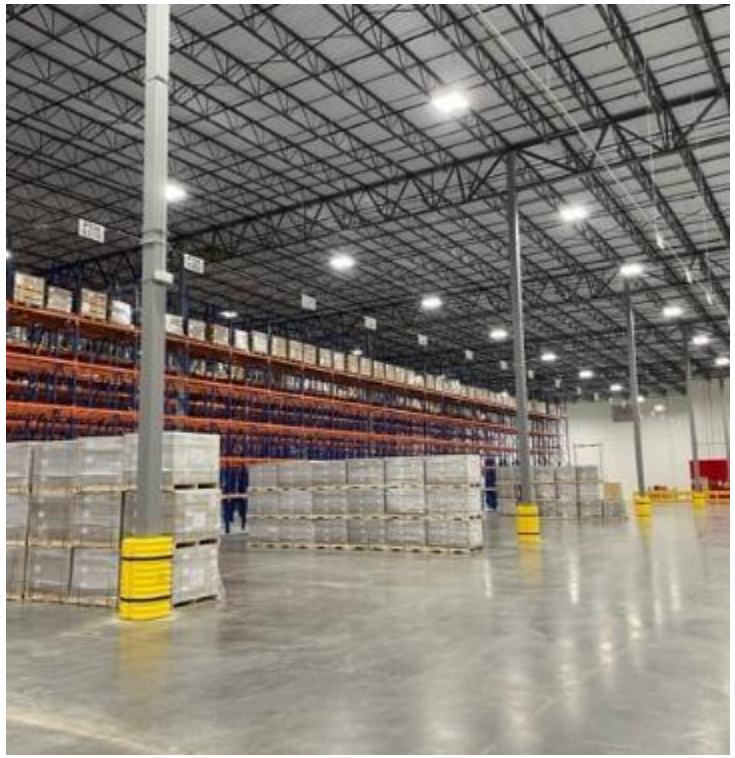
Consistently shipping over 350 Million pounds of goods annually

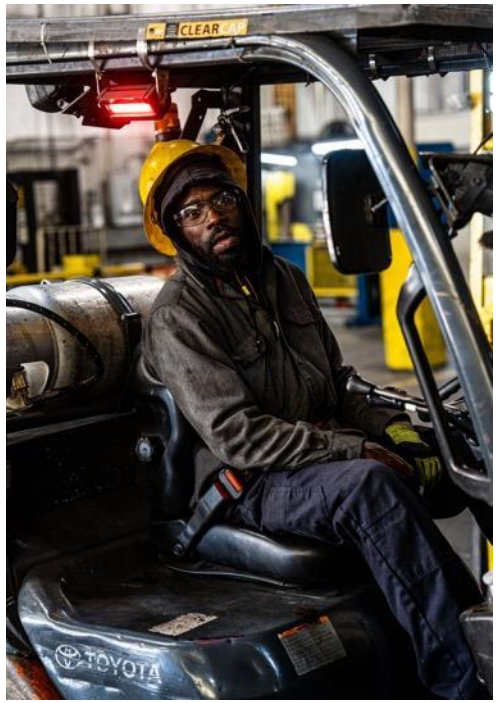
CONTINUOUS IMPROVEMENT

Reducing LTL shipments to improve customer experience and reduce damage to goods.

LOGISTICS

MPS Distribution Center partners with the best logistics providers in the country.

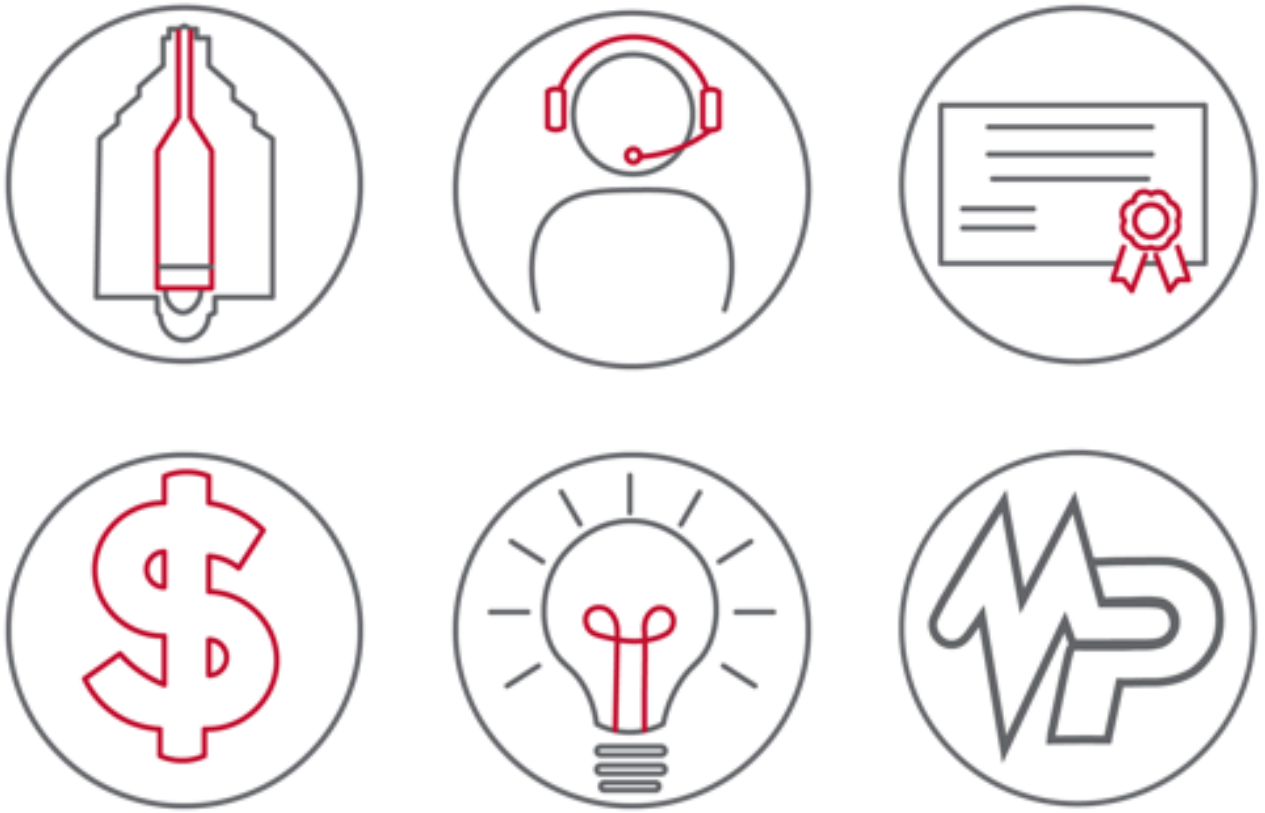




The MNS Advantage

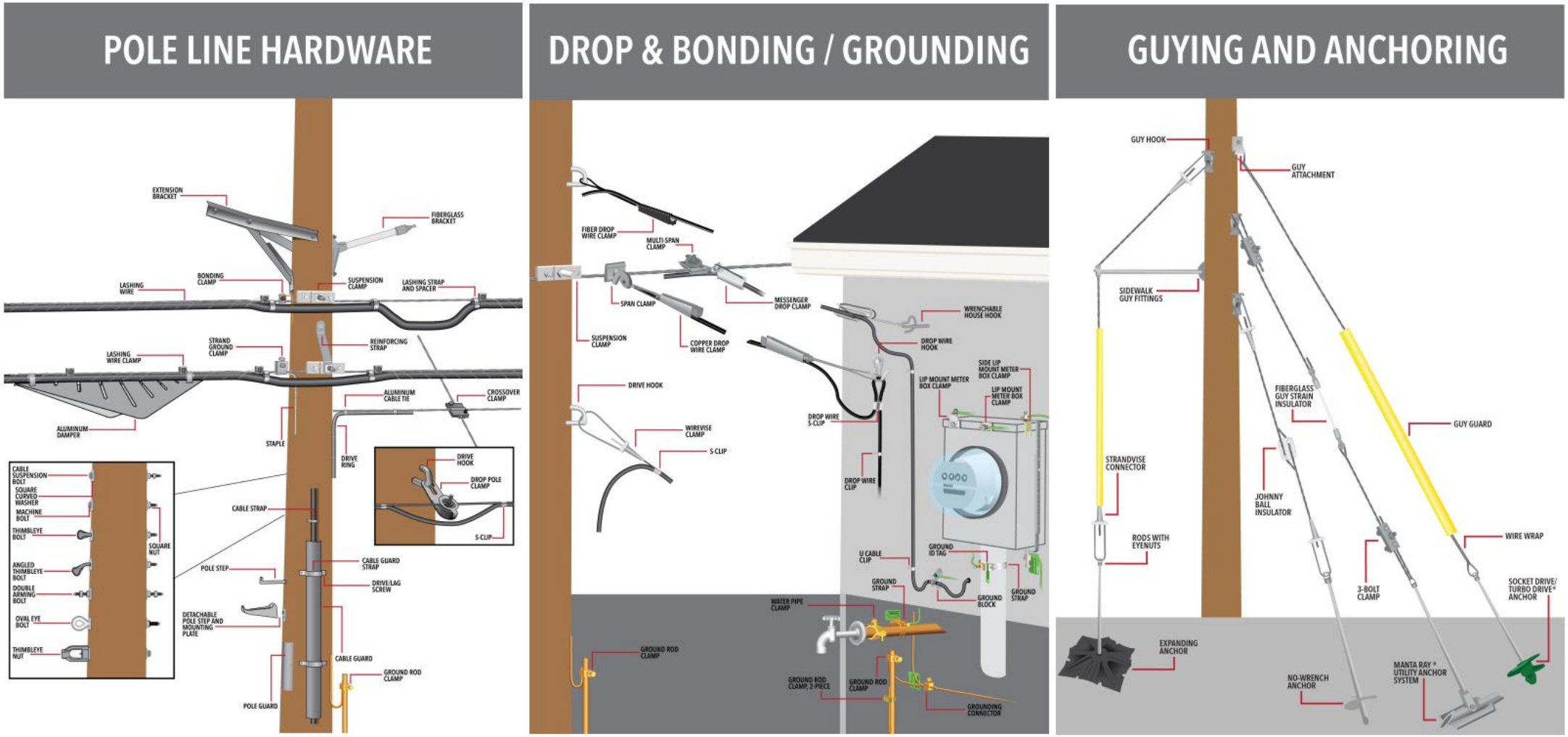
The MNS Advantage

- Comprehensive product line
- Best in industry service and support
- Technical support and product training
- Competitive prices and best quality
- Innovative and adaptable



Comprehensive Product Line

We are your one stop shop



Comprehensive Product Line

Buy America Hardware

MacLean has over 1 million square feet of US based manufacturing designed to meet all you domestic manufacturing needs.

- Buy America
- BABAA
- BEAD

Parts that meet these requirements are identified with a –US suffix on catalog numbers. Contact MacLean for details.

Best In Industry Service and Support

- Providing the highest levels of Service, Support, and Delivery

- Our Commitment, at a **minimum**
  - On Time Delivery
    - 90% of all lines shipped on time, or early, to the original promise date
  - Short Lead Times
    - 80% of all lines shipped in 4 weeks or less
  - Quality
    - 98% of all lines free from carrier issue or other quality problems

Best In Industry Service and Support

Emergency Storm Response

MacLean maintains an inventory to handle all types of natural disasters

- **Hurricanes**
- Ice Storms
- Tornadoes
- Wildfires

In addition, MacLean will assign production priority for storm effected regions

Direct shipment from our distribution centers:

- Olive Branch, MS
- Wood Dale, IL

Technical Support and Training

- Product line support
- Product training options
  - Drop Installation product demonstrations
  - Bonding & Grounding seminars
- IOB handouts & Product Ordering Guides
- Product datasheets (can be found on our website resource library)
- Dedicated Sales Directors & Trainers
- Product Display Boards

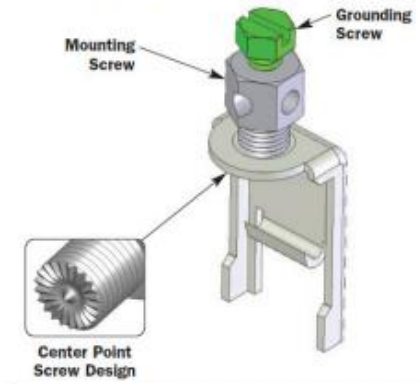
MacLean NETWORK SOLUTIONS

We Keep You Connected

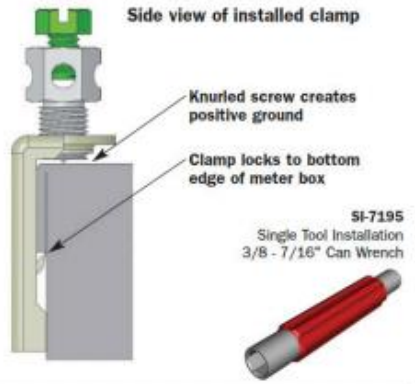
Meter Box Clamp SI-2167SLM

(Patented,UL & CUL Listed)

Side Lip Mount



Side view of installed clamp



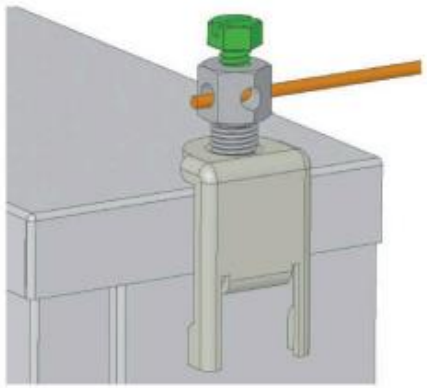
SI-7195
Single Tool Installation
3/8 - 7/16" Can Wrench

Application

Side Lip Mount Meter Box Clamp permits the bonding of up to a #6 AWG copper ground wire to the top side lip of the meter box without deforming or disturbing the metal and welded spots.

The patented center point screw design prevents "walking" of the clamp during installation. The 7/16" hex screw allows multiple entry points of the ground wire, reducing the number of bends needed. The knurled edge of the screw grinds down the enamel paint to the base metal in a precise manner while the bottom plate locks itself firmly on the edge of the side top lip, creating a positive ground.

The Side Lip Mount Meter Box Clamp is made entirely of stainless steel and is easily installed using the MSI SI-7195 3/8 - 7/16" Can Wrench.



For technical assistance or to request samples, please call 800-350-1650

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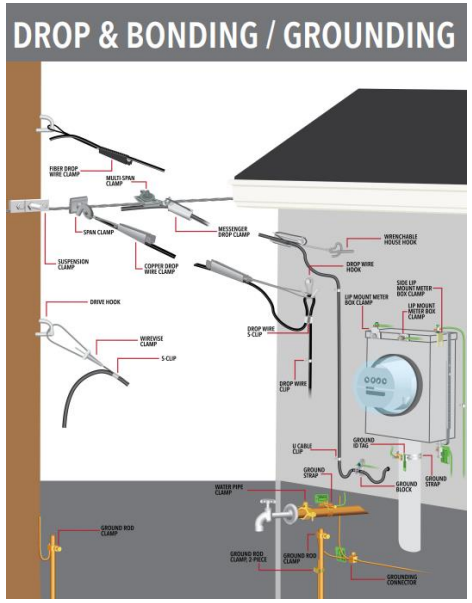
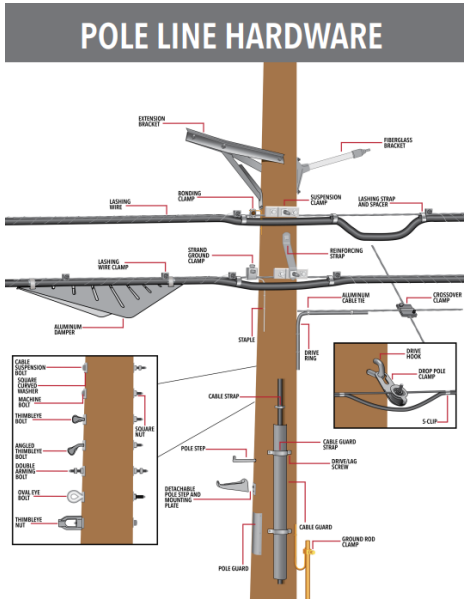
06/1/2022

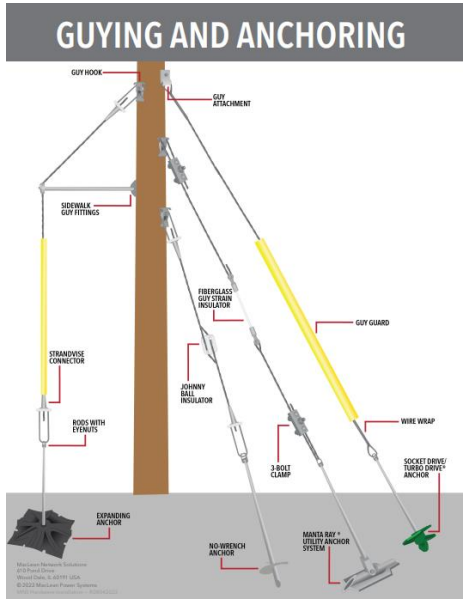
Digital Drop System
Drop Standardization Program

Technical Support and Training

- Drop Standardization Program
  - Product Training – for in-house Techs and Supervisors
  - Installation Tool – free can wrench to in-house Techs after training
  - Product Display Boards – one for each FFO location
  - IOB Handout – specific to Comcast Houston's installation practices
- Bonding & Grounding Seminars
- Product Line Support to Tech Ops, Construction, Trainers and Purchasing
- Three Trainers







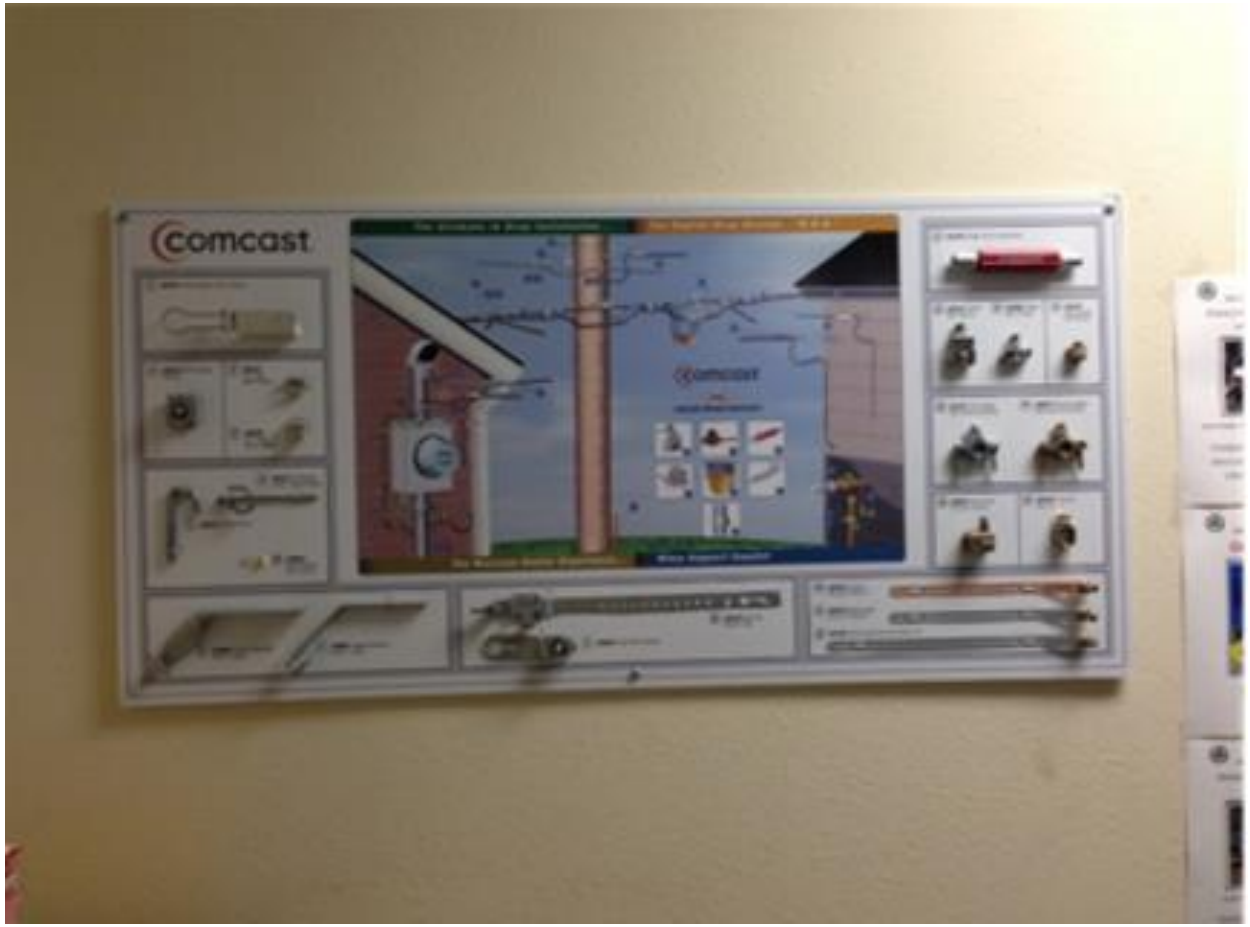
Drop Standardization Program

- Standardize on select installation hardware
- Consistency within your installed plant
- Cost savings through:
  - Less items / lower inventory
  - Fewer truck rolls
  - Less time “on the ladder”
- Reinforce installation practices with customized brochures and product display boards

Training Examples

- Comcast Northern California
  - Trained 1,800 In-House Techs
    - Each received the tool giveaway and IOB handout
  - Trained 700 Contractors
  - 35 FFOs
- Comcast Big South
  - Trained 2,600 In-House Techs
    - Each received the tool giveaway and IOB handout
  - Trained 1,500 Contractors
  - 33 FFOs

Product Display Boards



Product display boards that are customized and tailored to your specific installation practices

Comcast GCR Overview

- Comcast GCR audit results for proper Bonding & Grounding practices were 61%
- MacLean was engaged to create a third party, custom training program for proper Bonding & Grounding techniques, per Comcast OES standards and existing Comcast bonding hierarchy
- MacLean trained 756 technicians over a period of 4 weeks utilizing a dedicated three-person training team from MacLean
- Net results of follow-up audit showed improvement to 90%+
- Program is under review for possible consideration in all of Central Division and being reviewed in select systems in West and East regions

Product Lines

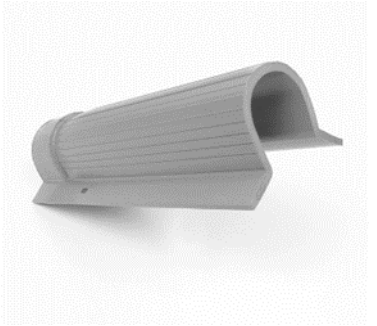
Core Product Lines

- Pole Line Hardware
- Anchors
- Drop Hardware
- Bonding & Grounding Products
- Small Cell Wireless Products
- Enterprise/Central Office Solutions
- Tools

Pole Line Hardware Solutions

- Fasteners, Bolts, Washers -

Pole Line Hardware Solutions

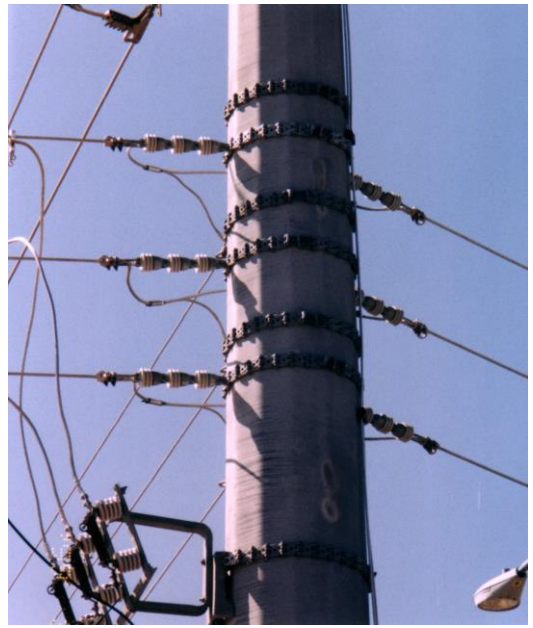


Pole Line Hardware Solutions

- Banding Products -

Bolt-A-Band Style

Ear Lock Style



Link Style

Pole Line Hardware Solutions

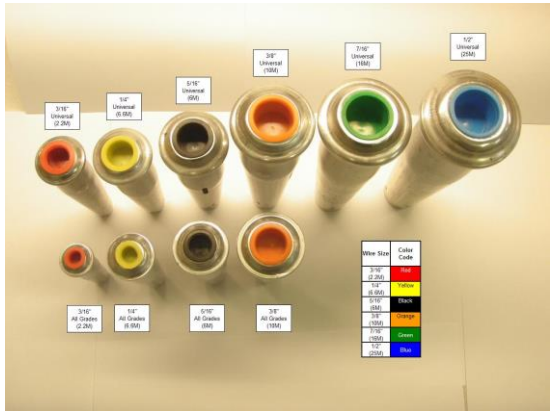
- Lashing Products -

Delta Banding, Locking Heads, and Spacers

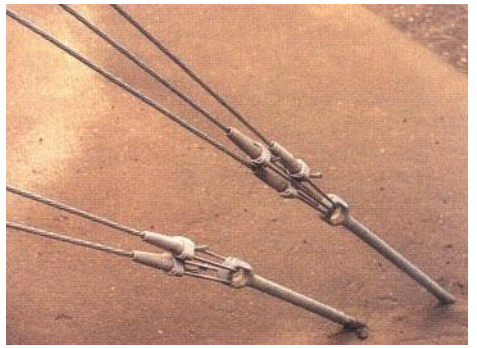
Stainless Steel Lashing Straps and Spacers

Pole Line Hardware Solutions

- Automatic Connectors -



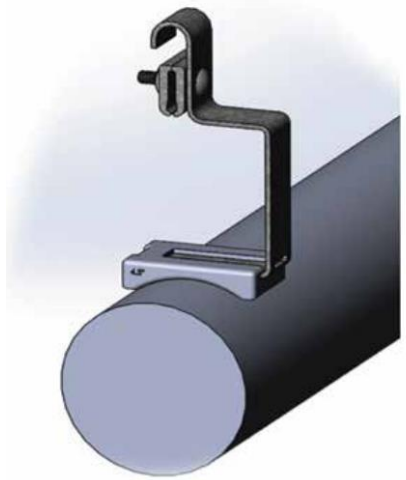
Strandvise® Wirevise®



Pole Line Hardware Solutions

- Enclosure Mounting Brackets -

- Universal” design will adapt to a range of dome enclosure sizes through interchangeable adapter boots
  - Conforms to the profile of 4.5”, 6”, 8”, and 10” dome enclosure diameters
  - Attached with either quick release hose clamps or lashing straps (both are included)
  - Placing Hook assists with supporting the weight of the dome enclosure during installation to the overhead strand
  - Large 3/8” fastener to support the added weight of larger enclosures



Pole Line Hardware Solutions

- Fiber Coil Brackets -

SI-FCB-4830
- 32"- 40" coil diameter
- U shaped hooks

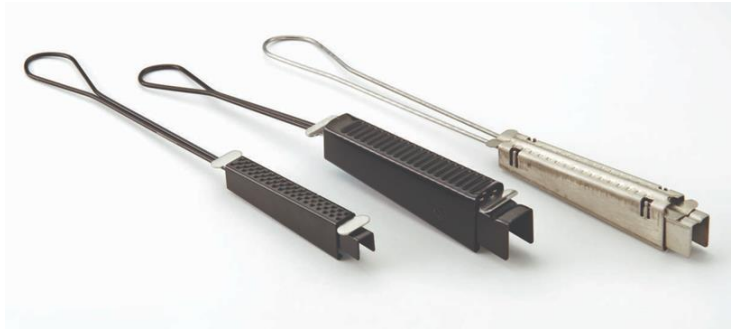
SI-FCB-6044
- 50" or larger coil diameter
- U shaped hooks

SI-FCB-53-OPGW
- 53" or larger coil diameter
- Curled hooks to secure a more rigid OPGW coil

SI-FCB-S
- 2-piece design
- 2 hooks (top and bottom of coil)
- Includes zip ties for securing coil to brackets
- Includes hardware for pole mounting

Guying & Anchoring Solutions

Drop Hardware Solutions

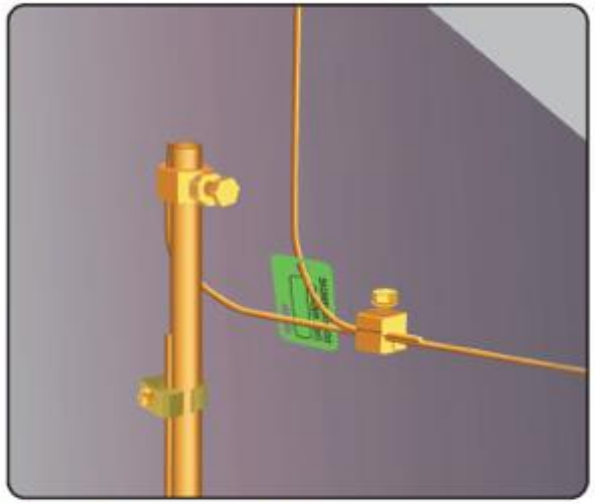


Drop Hardware Solutions

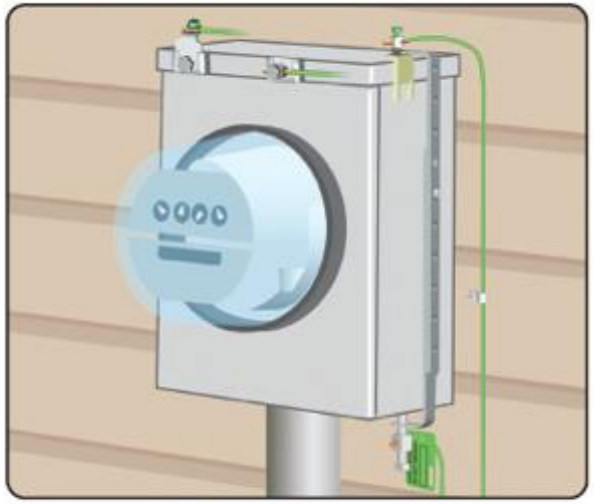
Bonding & Grounding Solutions

Bonding & Grounding Practices

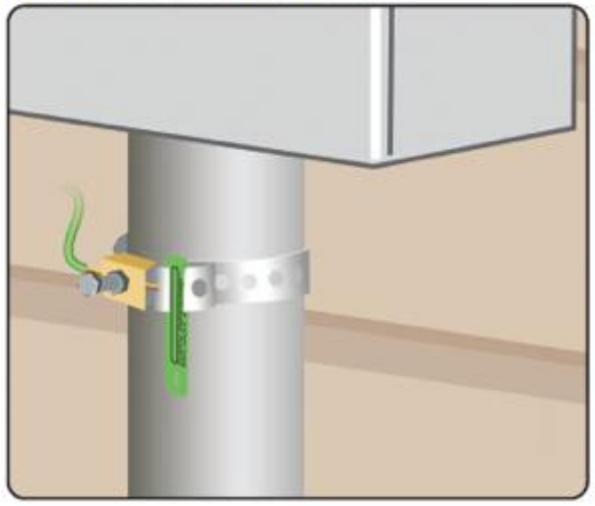
Power Ground



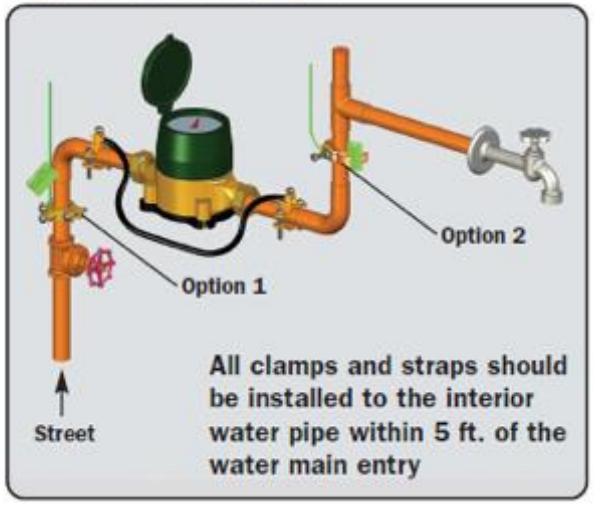
Power Meter Box



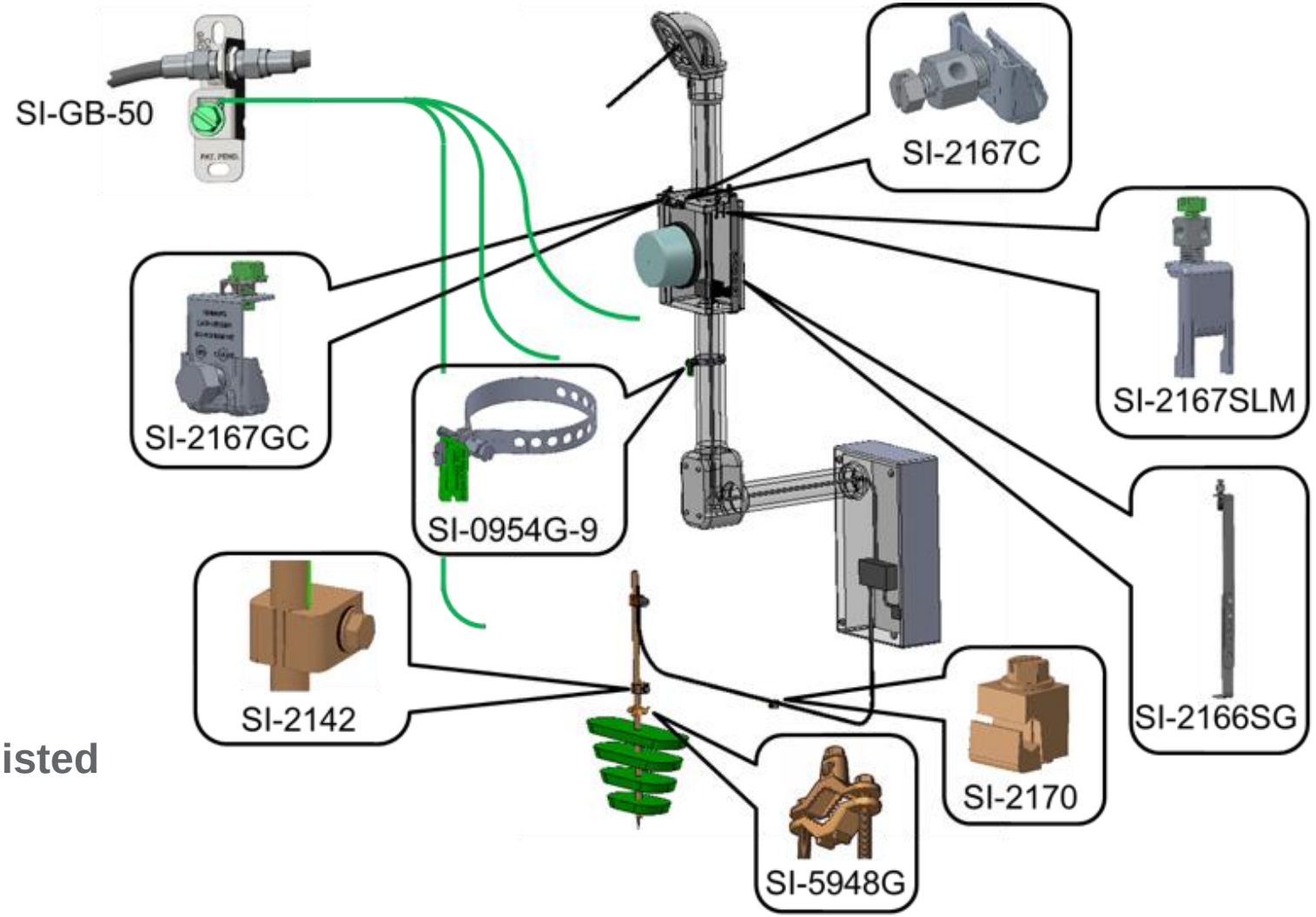
Metallic Service Mast Conduit



Copper Cold Water Pipe



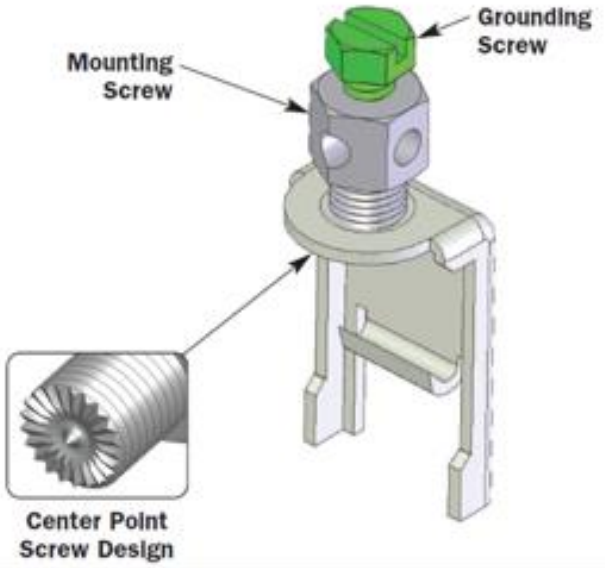
Bonding & Grounding Options

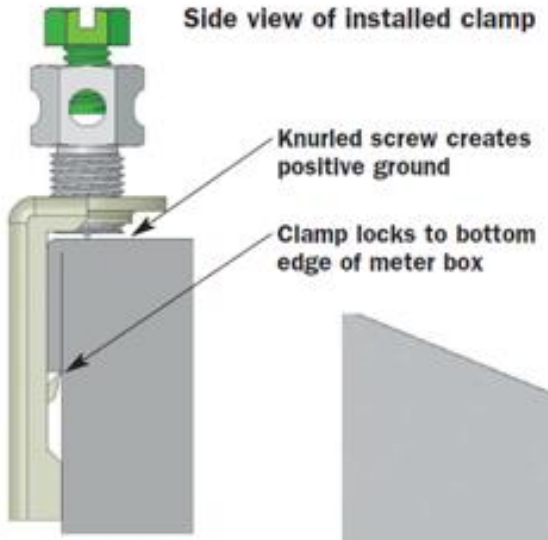


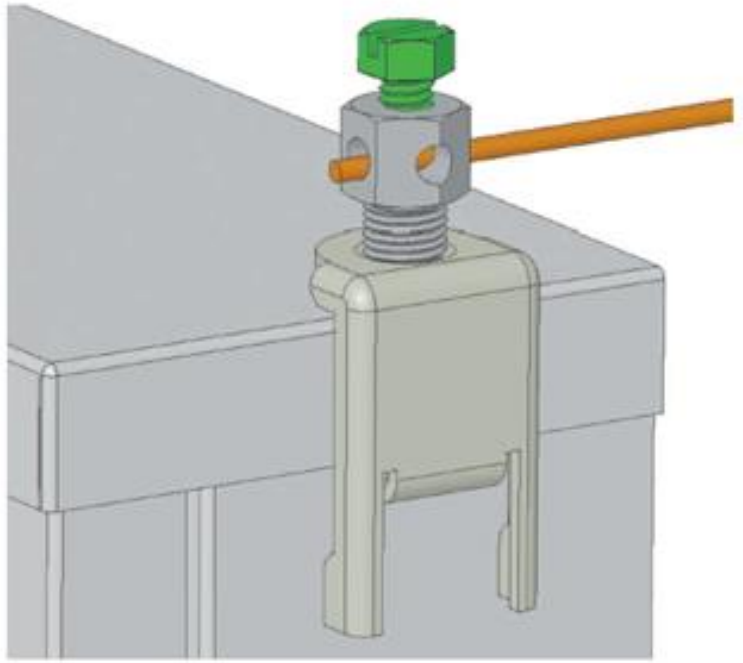
Hardware must be UL/CUL listed per UL467

Product Focus - SI-2167SLM Side Mount Meter Box Clamp

Preferred Meter Box Clamp Option

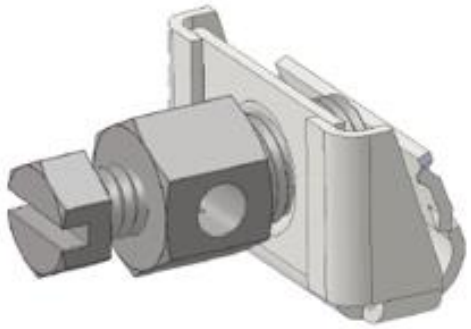


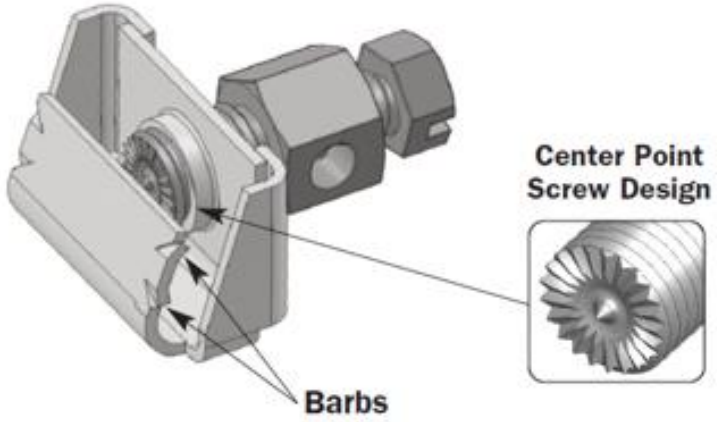


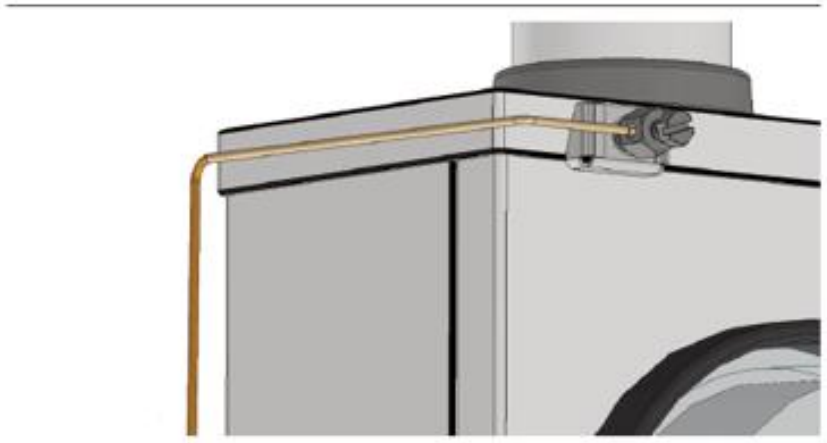


Product Focus - SI-2167C Front Lip Mount Meter Box Clamp

For use when the meter box is mounted flush to a wall







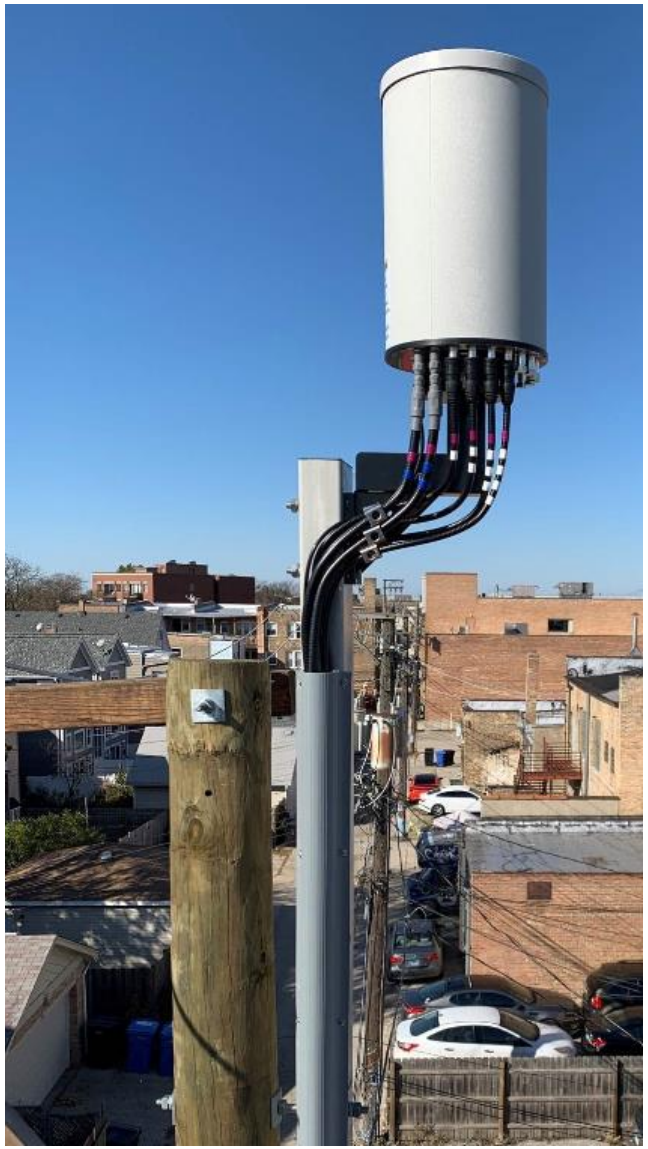
Bonding & Grounding Solutions

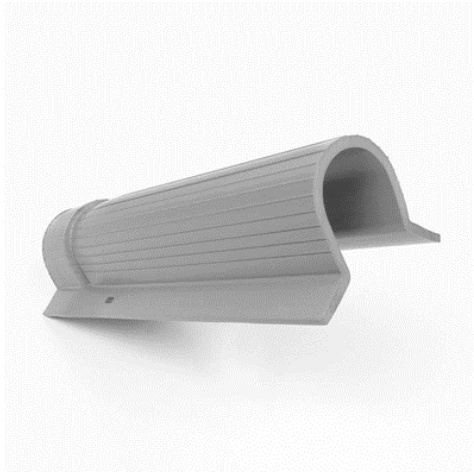
- Isolation Switch -

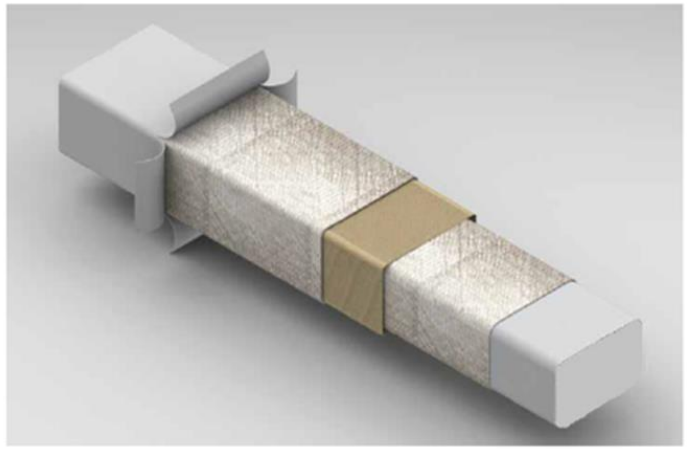
- Access point for tracer wire, either on a market post or in an underground hand hole / vault.
  - Patent rotational switch will toggle between an open circuit (isolating each tracer wire), and closed circuit (all terminals attached to a common ground
  - Works with a single tool (can wrench)

- Available in several version
  - Switch colors (orange, Yellow, blue)
  - Terminal thread lengths (standard or long)
  - Number of terminals (5+ground, or 2+ground)
  - Optional vault bracket for easy mounting

Wireless / Small Cell Solutions







Enterprise / Data Center Solutions

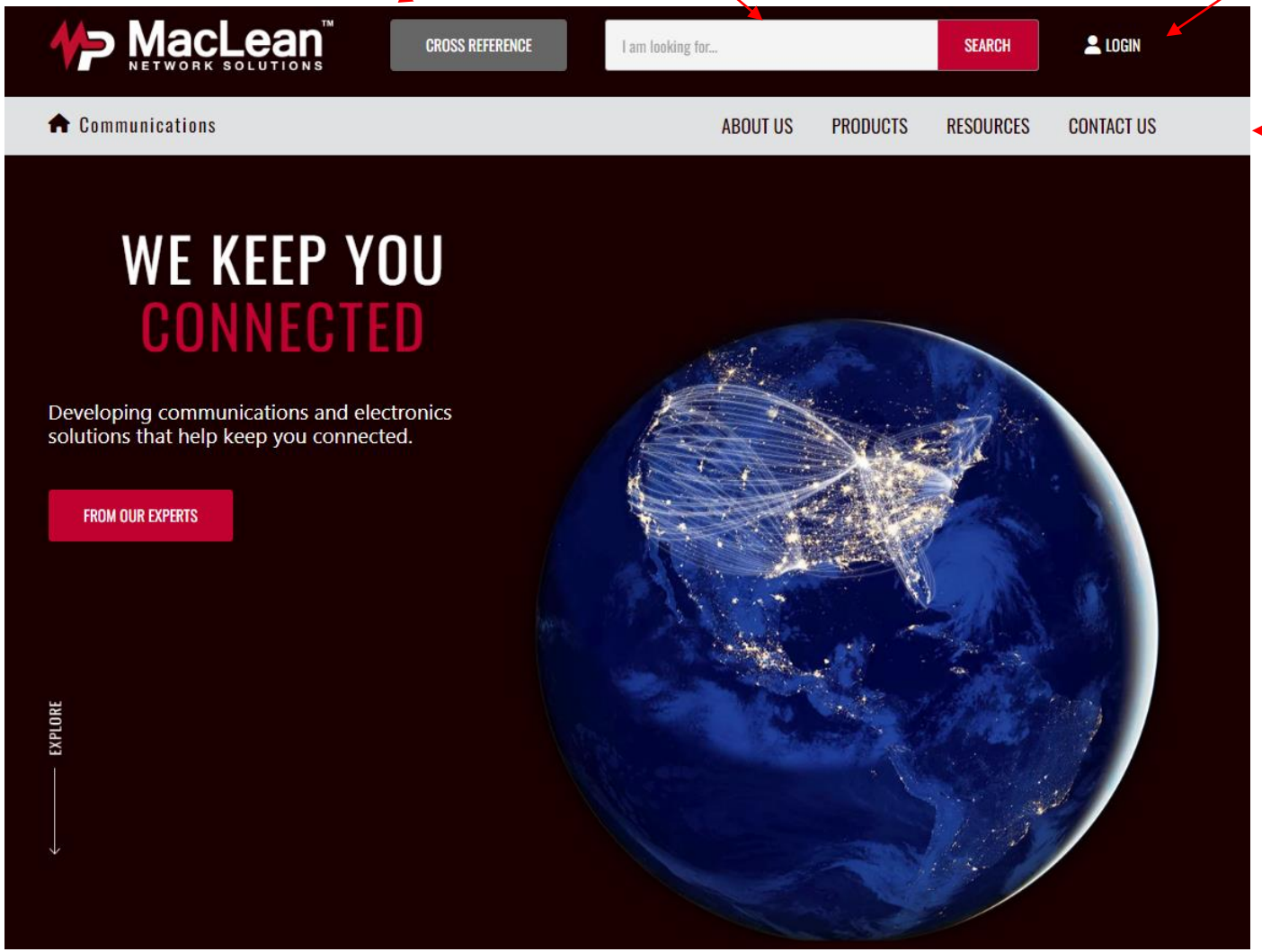
Website Overview

www.macleannetworksolutions.com

Cross Reference

Search Bar

Secured Portal Access
- Order Status
- Order Tracking



Products
- Full Catalog

Resources
- FAQ's
- Branding Guide
- News
- Resource Library
  - Catalogs
  - Brochures
  - Posters
  - Product Bulletins
  - White Papers
  - Test Reports
- Video Library

Contact Us
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- Distributor List
- Sales Rep Locator

Thank You