

### POWER SYSTEM PRODUCTS

Line Card

Version 1.9

### COMPANY INFO

- Luis A. Silva Power System Products, Founder and President,
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- Company Webpage Powersystemproducts.com





- AG Machining is a complete metal fabrication shop capable of adding value at any stage of the product life-cycle or offering a complete end-to-end service (e.g., development, prototyping, customization, and supply chain management through manufacturing and final assembly).
- Bracket Fabrication for Composite Cross-Arms



- 19" Relay Panels
- Data Center Racks







- Critter Guard is a humane wildlife control product developer specializing in protecting electric power and communication lines, transformers, switches, and substations for utility companies and homeowners across the United States and international markets.
- Utility and Power Distribution
- Homeowners
- Pest Control







# Gridware. L



- Gridware was founded with the belief that the passion and agility of start-up innovations will play a decisive role in the modernization of our power grid.
- <u>Gridscope</u> enables utilities to monitor the grid in REAL-TIME and detect and address faults BEFORE they create life-threatening events. Thus, instead of hiking along power lines for hours in search of the problem, crews can immediately see what and where the problem is and then target it more quickly and effectively.

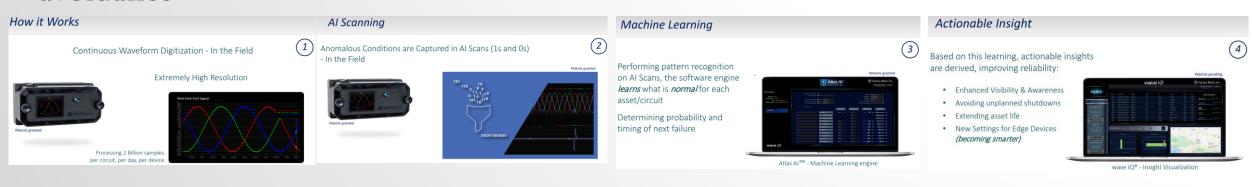








- Fischer Block, Inc. provides an innovative solution that improves reliability and resiliency by combining high-resolution waveform analytics, machine learning, and artificial intelligence. No outage or wiring is required; therefore making it a safe and cost-effective solution to obtain grid visibility.
- SMART Block
- waveIQ Advanced Sensing and Prediction engine
- Atlas AI- Applies machine learning algorithms to electrical waveform signals, providing new insight into pending problems with a systematic approach to pre-fault detection and avoidance







- Grid Solutions, a GE Renewable Energy business, are focused on bringing together technologies and expertise to help solve the toughest power system challenges, accelerating the global transition to a greener, more resilient and reliable grid.
- Products and Solutions
  - Asset Monitoring
  - Protection Relays
  - · Automation & Control
  - Substation Solutions
  - Communications
  - Automation & Protection Services











# HICO AMERICA HYOSUNG HEAVY INDUSTRIES CORPORATION



- HICO is a manufacturer of energy solutions that include Transformers, Gas-Insulated Switchgear, Energy Storage, and Flexible Alternating-Current Transmission Systems (FACTS).
- Transformers
- Energy Storage
- FACTS
- **GIS**





Mobile Solutions





- iS5 Communications is your partner to modernize and digitalize your critical infrastructure network, where IIoT meets IT: intelligent edge, cybersecurity, and analytics.
- Raptor Series
- Software
- · Industrial Networking Platform









 LAPP Insulators is a manufacturer of porcelain insulators for Substation and Transmission applications

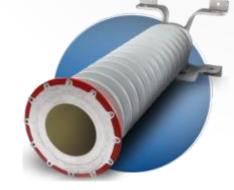
#### PORCELAIN INSULATORS

- <u>OEM</u>
- · Overhead lines
- Insulators for Switchgears
- Products
  - Long rod insulators
  - Post insulators
  - Hollow insulators
  - Medium-voltage insulators









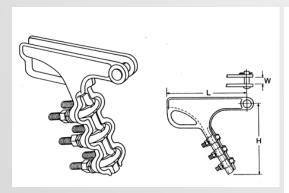


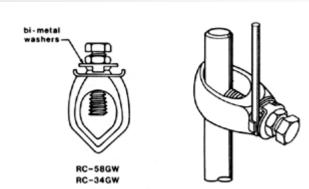
# ine Hardware

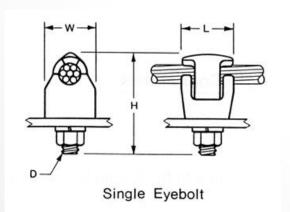


- Line Hardware, Inc. is a provider and manufacturer of Distribution/Pole Line Hardware (e.g., conductor hardware, connector and adapters, equipment mounts, grounding hardware, guying material, washers and fasteners, etc.). They stock material for customer normal and critical needs.
  - Conductor Hardware
  - Connectors & Adapters
  - Equipment Mounts
  - Grounding Equipment

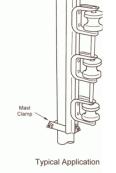
- Guying Materials
- Plastic Products
- Pole & Crossarm Accessories
- Washers & Fasteners















- MESA Technical Associates, Inc provides Batteries, Chargers, Mobile Power Systems, Turn-Key Engineer, Furnish, & Install (EF&I) Solutions, and Certified Recycling Services for Industrial, Utilities, and Telecommunications Applications.
- LSe Lead Selenium Flat Plate Stationary Batteries
- OPzS Lead Selenium Tubular Plate Stationary Batteries
- BESS













• PPC INSULATORS has over one hundred years of experience and is one of the world's leading manufacturer and supplier of state-of-the-art electrical porcelain insulators for overhead transmission lines, substations and electrostatic precipitator applications.

#### Products and Services

- Post insulators
  - Porcelain
  - Fiber Optic Hole
  - Hybrid
- Long rod insulators
  - Porcelain Long rod
  - Composite Long rod
- Hollow insulators
- Other T&D insulators

- E-Filter/ESP
- RTV coating







 Rugged Monitoring has a team of industry leading fiber optic experts with 100+ years of combined experience and are committed to deliver customizable solutions for challenging applications. Our team of experts leads through product innovation to deliver best in class reliability. We deliver reliable, high performance, precision sensors and monitoring solutions.

### Monitoring Solutions:

- <u>Transformers</u>
- Switchgears
- Power Cables
- Breakers
- Rotating Machines
- eStations



- Fiber Optic Monitors
- Fiber Optic Sensors
- Fiber Optic Software
- Fiber Optic Accessories
- Partial Discharge Monitors
- Partial Discharge Sensors
- All products



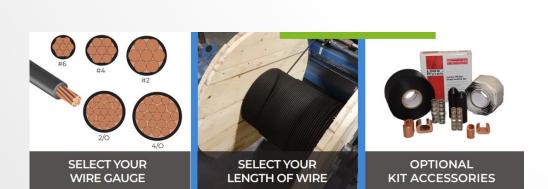




• SAE Inc. is a grounding & corrosion solutions provider for Electrical Grounding, AC Mitigation and Cathodic Protection that is proven, innovative, and that ensures

Personnel Safety and Utility Reliability.

- Grounding Products
- Temporary Protective Grounding
- AC Mitigation
- Cathodic Protection



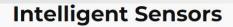








- Systems With Intelligence provides a Touch-less Monitoring System for Substations that increases System Reliability, Safety, and Reduces O&M Costs.
- Products
- Solutions



CONTINUOUS THERMAL MONITORING

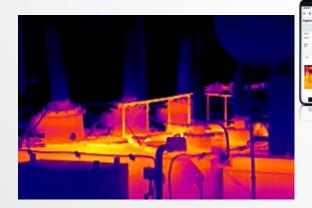
THERMAL PLUS VISUAL MONITORING SYSTEMS





IM500/IM600



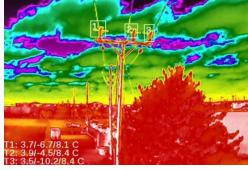


#### **Visualization Software**

SINGLE PANE OF GLASS VIEW OF CRITICAL ASSETS

**VIDEO MANAGEMENT & ANALYTICS SOFTWARE** 











• TAPP is a manufacturing company specializing in the fabrication of quality steel structures for the utility, communications, OEM, and custom industries. Our best-in-class customer service, combined with our 1.5 million square foot state-of-the art manufacturing plant has allowed us to serve some of the largest utility and communication companies in the industry.

<u>Utility Structures</u>

Communication

Custom

Lightning Protector Device





