YOUR DISTRIBUTOR

for **SAFETY**
SOLUTIONS
REVERE ELECTRIC SUPPLY

The absence of accidents...does not imply the presence of safety

Safety Automation

Personal Protection Equipment

Guarding

Services

Labeling/Lock-Out Tag-Out

Cost of occupational injuries and deaths, 2012

Total cost to society:

$198.2 billion

$11.0 billion in employers' uninsured costs, which includes time to investigate injuries and write reports

$36.5 billion in administrative expenses

$3.2 billion for fire losses

$55.7 billion in medical costs

$2.2 billion for vehicle damage

$89.6 billion in wage and productivity losses

$1,400
= INJURY IMPACT PER WORKER

This includes the goods or services each worker must produce to offset the cost of work injuries. It is not the average cost of a work-related injury.

$39,000

Cost per medically consulted injury, including estimates of wage losses, medical expenses, adminstrative expenses and employer costs

How much?

Injuries can be costly. Here is a quick rundown of some of the more expensive injury types by average cost per worker's compensation claim from 2010 to 2011.

BY CAUSE OF INDURY:

Motor vehicle	$69,508
Fall/slip	$42,152
Burn	38,575

BY NATURE OF INJURY:

Amputation	$66,811
Fracture/crush/dislocation	$52,105
Other trauma	$43,400

BY PART OF BODY:

Head/central nervous system	$84,844
Neck	56,489
Multiple body parts	$54,585

The average combined cost was **$36,592** per claim.

Cost per deaths:

$1.42 MILLION

Various studies have shown $1 invested in injury prevention returns between $2 and $6

Differentiating Ourselves from Other Distributors

- Ability to Provide a Complete Safety Solution
- Knowledge of Current Safety Standards
- Dedicated Safety Resources in All Locations
- Over Seventy Years Experience in Safety Solutions
- Exclusive Rockwell Automation Franchise since 1935
- Large Breath and Depth of Product Offerings

How Can You Benefit from a Well Implemented Safety Program?

- Improved Profitability
- Protect People, Machinery, Environment and your Investments
- Reduce Lost-Time Accidents, Enhance Workplace Safety, Improve Employee Morale and Enhance Productivity
- Comply with Regulatory Standards such as NFPA 70E, Which Mandates ArcFlash
- Uncover Additional Inventory Cost Reductions

Safety Components and Accessories

Controllers & I/O

Power & Safe Motion

Logic

Input Devices

Presence Sensing

CIP Safety Message/Safety Network

The CIP Application Converage for Safety, Synchronization and Motion

With the safety and motion extensions to CIP, users can eliminate the need for separate, purpose-built motion and safety networks, providing lower system costs, improved system performance, seamless integration, and reduced system complexity.

Information

Configuration & Diagnostics

Synchronization & Motion

Control

Safety

LINECARD

Arc Flash Enclosures
Hoffman

ARC Flash MCC
Allen Bradley

Arc Flash PPE
Oberon
OEL

Arc Flash Protection Relays
Littelfuse

Emergency Stop Operators
Allen Bradley
Eaton
Rees
Schmersal

Fencing & Guards
Folding Guard
Palleti

Industrial GFCI
Littelfuse
TRC / CCI

Insulated Tools
Klein
Greenlee
Ideal

Interface Ports
Grace
Hubbell
Hoffman
Panduit

IR Ports
Fluke
Grace Engineering

Labeling / Signage
Panduit

Light Curtains
Allen Bradley
Schmersal

Lock Out Tag Out
Allen Bradley
Grace Engineering
Hubbell Wiring Devices
Panduit

Motor Disconnects
Allen Bradley
Bussmann
Hubbell
Leviton
Meltric
Mennekes
Merzen

Permanent Electrical Safety Devices
Grace Engineering

Safe Motion
Allen Bradley

Safety Contactors & Relays
Allen Bradley

Safety Controllers & IO
Allen Bradley

Safety Drives
Allen Bradley

Safety Edge
Allen Bradley

Safety Enable Switch
Allen Bradley
Euchner
Schmersal

Safety Hinge Switches
Allen Bradley
Schmersal

Safety Interlocks
Allen Bradley
Euchner
Schmersal

Safety Limit Switches
Allen Bradley
Euchner
Schmersal

Safety Mats
Allen Bradley
Schmersal

Safety Monitoring Relays
Allen Bradley
Euchner
Schmersal

Safety Pull Cable Switch
Allen Bradley
Euchner
Rees
Schmersal

Safety Scanners
Allen Bradley

Safety Starters
Allen Bradley

Safety Trapped Key
Allen Bradley
Schmersal

Safety Two Hand Control
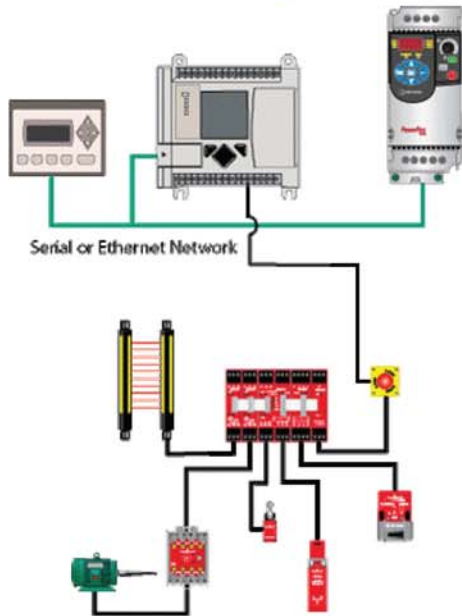Allen Bradley
Schmersal

Signaling
Allen Bradley
Edwards Signal
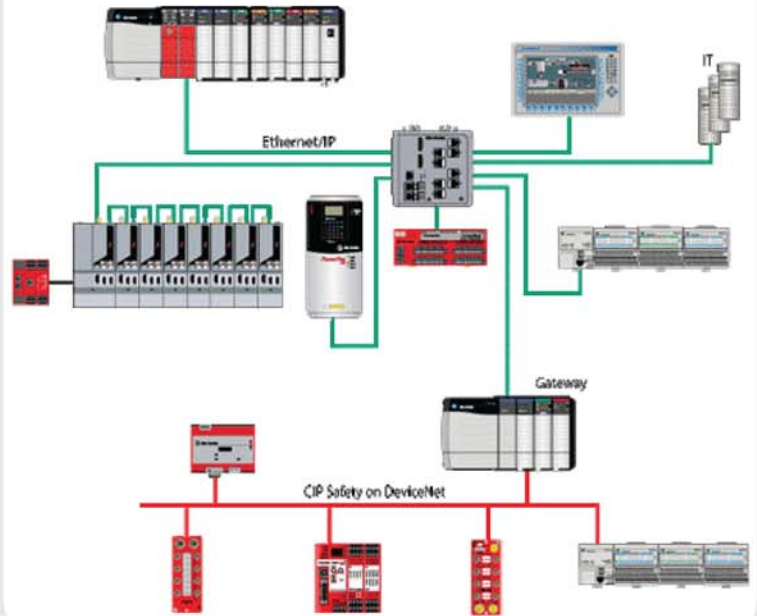Federal Signal
Eaton

Wiring Devices
Allen Bradley (Safety wired distribution blocks)
Hubbell
Leviton
Meltric
Mennekes
Molex/Woodhead

Connected Components

Serial or Ethernet Network

Advanced Integrated Machine Solutions

Ethernet/IP
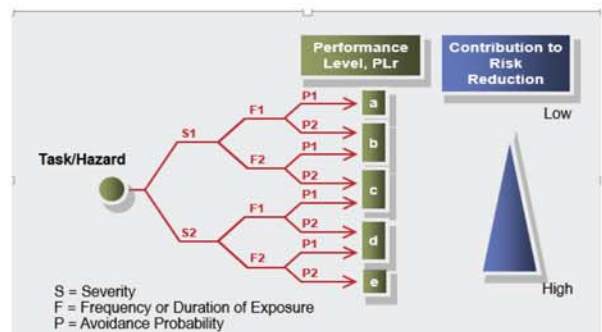
IT

Gateway

CIP Safety on DeviceNet

Machine Safety Services

- Assessments
  - Risk Assessment
  - Hazard Assessment
- Validation
  - Safety Circuit Analysis
  - Machine Stop Time Services
  - Conformance Audits
  - Safety System Validation
- Compliance Consulting
  - CE Conformance
  - Functional Safety (i.e., ISO 13849-1 and IEC 62961 ISO, ANSI, IEC, CE, OSHA, NFPA, CSA and AS)
- Training
  - Safety Product Training
  - Safety Standards Training
  - TUV Certification Training
- Integration/Start UP
  - Circuit/Logic Design
  - Installation

INTEGRATED MACHINE SAFETY SOLUTIONS

EtherNet/IP
ControlNet
DeviceNet

Personal Safety Services

- Assessments
  - Arc Flash Analysis
  - LockOut/Tag Out
  - Over Current Protection Device Coordination
- Compliance Consulting
  - CE Conformance
  - Functional Safety (i.e., ISO 13849-1 and IEC 62961 ISO, ANSI, IEC, CE, OSHA, NFPA, CSA and AS)
- Training
  - Safety Product Training
  - Safety Standards Training
  - TUV Certification Training
- Integration/Start Up
  - Arc Flash Remediation
  - MCC Arc Flash Upgrades

Performance Level, PLr | Contribution to Risk Reduction

Task/Hazard

S1, S2, F1, F2, P1, P2 → a, b, c, d, e

Low / High

S = Severity
F = Frequency or Duration of Exposure
P = Avoidance Probability

CONSULTATION

PRODUCTS

MITIGATION

YOUR DISTRIBUTOR
for SAFETY
SOLUTIONS
REVERE ELECTRIC SUPPLY

SERVICES

TRAINING

Mokena
8807 187th Street
Mokena, IL 60448
(708) 995-3251

Buffalo Grove
975 Weiland Road
Buffalo Grove, IL 60089
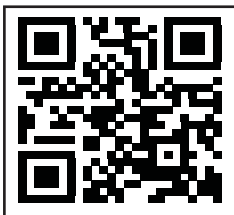Phone: (847) 499-6000

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Peru, IL 61354
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Hartland
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Hartland, WI 53029
Phone: (262) 369-7100

West Allis
11540 W. Rogers Street
West Allis, WI 53227
Phone: 262-549-1983

CERTIFIED
ISO
9001:2008
COMPANY

REVERE ELECTRIC SUPPLY Co.
Messenger of Service
www.revereelectric.com

Revere Electric Supply is a fourth generation, family owned full-line electrical distributor.
Our mission is:
To Deliver Innovative and Industry Leading Customer Centric Solutions,
Products and Services to the Industrial Automation and Electrical Markets