



Providing Immediate Notification of Circuit Openings and Specific Direction for Repair

# Cooper InVision™ System Minimizes Critical Downtime in Healthcare Environments





# Circuit Monitoring Increases Uptime - Providing the Power to Enhance Patient Safety

The Cooper InVision™ Downtime Reduction System Immediately Alerts Maintenance Personnel When Circuits Open.

Throughout hospitals, power is needed in virtually every element of patient support. It is absolutely critical that loss of electricity is addressed immediately. Whether for life-safety equipment or facility systems, when critical circuits open, every second counts! Patients are at risk, hospital liability sky-rockets and costs escalate.

## Challenges To Operations:

- Lean manpower to maintain a large footprint
- Excessive costs for redundancy and back-up power sources
- Regulatory initiatives to improve facility and operational efficiency
- Lack of documentation of open fuse and breaker events
- Predictive maintenance solutions for equipment and electrical distribution systems

## The Joint Commission Sentinel Event Alert (Issue 37) Recommended the Following Clinical Contingency Plan Provisions\*:

- Rapid deployment of battery-powered equipment
- Assessment of critical equipment to ensure it is plugged into back-up power outlets
- Identification of available Health Information Technology (HIT) systems or manual back-up systems
- Care for ventilator-dependent patients and telemetry patients
- Establishment of a command center
- Provision for open lines of communication between on-site staff and any organization leaders who may be off-site
- Access to and use of two-way radios
- Definition of precautions for immuno-compromised patients during HVAC failure
- Assessment of critical refrigerators (pharmacy, lab, blood bank, etc.) to confirm power supply
- Assessment of automated drug supply cabinets to confirm power supply

\*For further details on these recommendations, visit [www.cooperbusmann.com/invision](http://www.cooperbusmann.com/invision).

## The System Can Alert Key Personnel to Power Failures on:

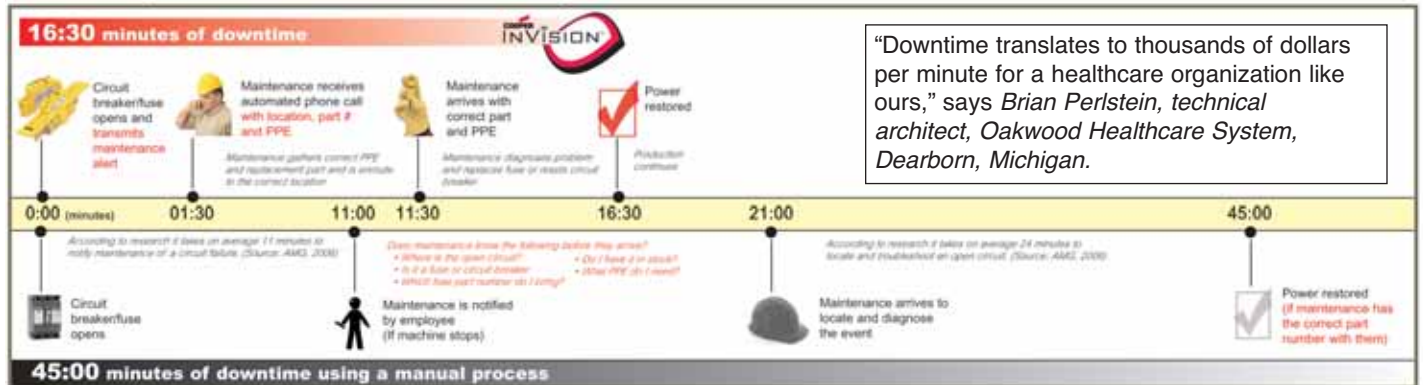
- Life support systems
- Compressors
- Air vacuum systems
- Blood, bone and tissue storage
- Elevators
- Air conditioning units
- Emergency lighting
- Parking structure / exterior lighting
- Food storage equipment
- Critical patient data
- Administrative information systems (HIT)



# InVision Helps Reduce Critical Downtime and High-Risk Scenarios

Circuits will open. The Cooper InVision™ System will alert you.

How the Cooper InVision System saves time and reduces risk



“Downtime translates to thousands of dollars per minute for a healthcare organization like ours,” says *Brian Perlstein, technical architect, Oakwood Healthcare System, Dearborn, Michigan.*

## Because Every Second Counts, the System:

- Reduces critical downtime and risk
- Optimizes maintenance and engineering resources
- Supplies trending, predictive maintenance and detailed performance reports to identify critical circuit performance
- Utilizes reliable wireless mesh technology
- Provides secure data control and access from any web browser
- Easily retrofits on existing overcurrent protective devices

## When a Critical Circuit Opens, the System:

Immediately notifies maintenance personnel by phone, e-mail, SMS text paging or fax of:

- The circuit's exact location
- The correct replacement fuse part number
- The appropriate level of personal protective equipment (PPE) for safe servicing\*

\* The customer is responsible for designating the PPE levels for each monitored circuit.

## The Cooper InVision Command Center Database Permits:

- Quantifying and managing downtime through Mean-Time-To-Repair (MTTR) statistics
- Analyzing open circuit activity to discover potential underlying electrical problems that require remedial action

## The Cooper InVision System

### Web-based Command Center

Displays the status of monitored circuits, allows easy configuration of alert escalation and trending reports, and initiates open-circuit notifications\*

### Intelligent Fuse Monitors (IFMs) and Intelligent Circuit Monitors (ICMs)

Are battery-powered devices that monitor fuses and breakers, and transmit any change in status to the routers

\*Laptop computer not included.



### Wireless Mesh Routers

Provide reliable, redundant, self-healing connectivity between the system's IFMs/ICMs and the Gateway

### Gateway

Encrypts data received from the routers and sends it to the secure Command Center servers via the Internet, using secure encryption technology



## Cooper InVision Leasing Options Free-Up Working Capital

Approving capital expenditures in today's marketplace can be challenging. That's why Cooper Bussmann created a simple, cost-effective, flexible finance tool to help overcome budget hurdles. Contact InVision Sales for additional information.

### Why lease?

- Pay for system from operating budget
- Flexibility to make changes as technology evolves
- Operational expense vs. depreciable asset
- Won't interfere with other currently-planned capitalized projects
- Faster approval process allows for rapid deployment
- Conserve cash and hedge against inflation
- Potential tax advantages

## The Proof is in the Pilot!

Tailored short-term plans will prove the business case as you can add up the cost-savings when your next fuse or circuit breaker opens. Installing a small pilot program gives you the immediate hands-on knowledge specific to your facility. Contact InVision Sales for additional information.

### Why should you do a pilot?

- Specifically tailored to your most critical-need areas, a pilot allows you to assess the true value of InVision
- Detailed reports enable in-depth evaluation of performance and efficiency gain
- Easy to expand – installation of additional IFMs/ICMs is extremely easy when the mesh Routers and Gateway are already installed

# Cooper Bussmann: Leading Industry in Downtime Reduction, Workplace Safety & Code Compliance Solutions

## Sales & Technical Support

- Cooper InVision Sales Phone: (866) 436-7870
- Cooper InVision Sales e-mail: [invisionsales@cooperindustries.com](mailto:invisionsales@cooperindustries.com)
- Cooper InVision Technical Support Phone: (866) 436-7881
- Cooper InVision Technical Support e-mail: [invisiontech@cooperindustries.com](mailto:invisiontech@cooperindustries.com)

## Application Engineering

Technical assistance is available to all customers. Staffed by degreed engineers, this application support is available Monday-Friday, 8:00 a.m. – 5:00 p.m. Central Time. Contact:

- Phone: 636-527-1270
- Fax: 636-527-1607
- E-mail: [fusetech@cooperindustries.com](mailto:fusetech@cooperindustries.com)
- Live Chat: [www.cooperbussmann.com](http://www.cooperbussmann.com)

## Customer Satisfaction Team

Available to answer questions regarding Cooper Bussmann products & services Monday-Friday, 8:00 a.m. – 4:30 p.m. for all US time zones. Contact:

- Phone: 636-527-3877
- Toll-free fax: 800-544-2570
- E-mail: [busscustsat@cooperindustries.com](mailto:busscustsat@cooperindustries.com)

## Online Resources

Visit [www.cooperbussmann.com/invision](http://www.cooperbussmann.com/invision) for:

- Latest news
- System demonstration
- Security demonstration
- Alert message sample
- Frequently asked questions
- Component data sheets
- Downtime reduction cost savings calculator

## Services

Cooper Bussmann Services team provides engineering expertise in electrical system reviews, electrical safety training & component testing for Agency compliance. Contact:

- Phone: 636-207-3294
- E-mail: [services@cooperindustries.com](mailto:services@cooperindustries.com)