

# Maximize Your Communication Network Reliability

■ Telecommunications

Power Protection for Enterprise and Unified Communication Systems

Maximize Your  
Enterprise and Unified  
Communications  
Systems with an  
ONEAC Total  
Protection Solution.



- **Cuts System Downtime**
- **Assures Data Accuracy**
- **Extends Equipment Life**
- **Enables Remote Management**

ONEAC protection effectively prevents lightning and other electrical disturbances from affecting the performance of critical electronic systems.



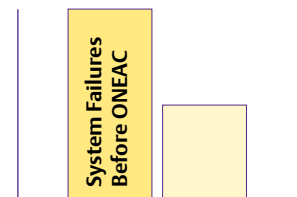
**ONEAC products assure reliability and trouble-free performance from your enterprise and unified communication systems.** For voice and network applications any interruption can result in a dramatic loss of productivity, revenue, and customer satisfaction. An ONEAC Total Protection Solution prevents these disruptions from occurring.

## Your system is under constant attack.

Telephone and power lines conduct more than the signals and power that make your voice or network system work. They also carry electrical disturbances that can shut your system down. The occasional lightning strike is an obvious example. Everyday high frequency interference, while less dramatic, can be equally devastating. Caused by utility grid switching as well as elevators, HVAC units, copiers and other equipment on building power lines, these constant power line disturbances can cause momentary service disruptions and component failure.

## ONEAC cuts problems in half.

Those who switch from conventional power protection to an ONEAC Total Protection Solution report less system downtime, fewer interruptions and longer equipment life. That's why leading installers recommend ONEAC to keep their enterprise and unified communication system running at peak performance.

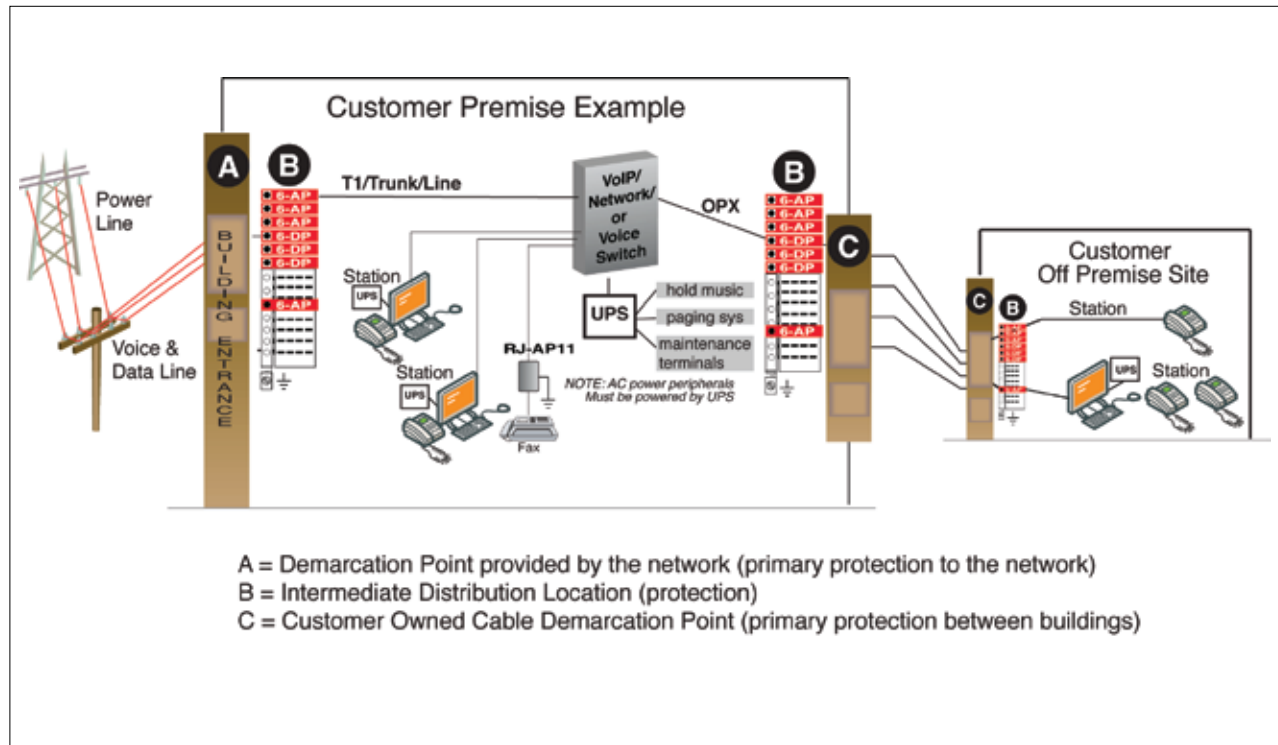


ONEAC reduces system failures by average of 50%

*Field data from over 20,000 PBX and Key System installations*

**ONEAC**<sup>®</sup>

  
**EMERSON**<sup>™</sup>  
Network Power



With each new generation of communications equipment and networks the circuitry that runs them becomes more sensitive to power quality disturbances. ONEAC AC Power, an Emerson Network Power business, is experienced in protecting sensitive telecommunications and communication network installations. Our solutions are designed specifically to protect PBX, key systems, inter-building cables, VoIP, network applications, and E911 installations in the harshest of electrical environments.

Our UPS and power conditioning technology meet the strictest of installation requirements for telecommunications and network equipment manufacturers. ONEAC has a wide variety of advanced technology communication protectors for incoming lines of any kind and for cable that extends between buildings. When installed with an ONEAC UPS or power conditioner they create a Total Protection Solution around your system that provides the optimum level of protection against transients and power anomalies.

### Quality power for PBX, key system, VoIP, video, networks.

The damaging effects of poor quality power and transients (such as lightning) on your telecommunications system or network can result in system down time, lost productivity, and dramatic losses in revenue. An ONEAC Total Protection Solution provides the optimum level of protection for your telecommunications or network infrastructure by eliminating virtually all harmful power and cable transients that can damage your system. A Total Protection Solution has been proven time and again to reduce printed circuit card failures in the harshest of environments. The end result is a dramatic improvement in system performance, reliability, equipment life and up time.

### Quality power for E911 and Reverse E911 installations.

The need for Emergency Response Systems has grown dramatically over the last decade. They help save thousands of lives each year. Downtime for these systems is simply not acceptable. For that reason it makes sense to provide the best level of protection that's available. ONEAC AC Power understands those requirements and provides a Total Protection Solution that includes UPS and communication line protection products that protect the back room equipment and PSAP work stations in the harshest of environments. When downtime is not an option, ONEAC products are the answer.



**We provide the most complete protection for communication lines.**

ONEAC's patented OnLine® and Sentinel™ communication line protectors filter out harmful transient voltages that others miss, yet still allow desired signals to pass through. They are engineered to last longer than other protectors in the field. Their robust design better withstands repeated voltage/current transients. Self-resetting sneak current protection eliminates the cost of replacement and downtime due to nuisance fuse failures.

**ONEAC power conditioning eliminates all power line disturbances.**

ONEAC power conditioners and power conditioned uninterruptible power supplies employ a low impedance, full isolation transformer with ONEAC's Virtual Kelvin Ground®. It's a design that's proven uniquely effective at stopping lightning and other high voltage transients. It completely protects your system against harmful disturbances that other conventional protection lets through.

**With fully automated battery backup.**

ONEAC UPSs with MopUPS® Software not only keep your store systems operating when the power goes out, but provide fail-safe security for your data. When an outage hits, an alert is issued before a safe, unattended shutdown is initiated. When power is restored, your system automatically restarts or can be set for a manual restart. MopUPS offers total control UPS power management with real-time remote monitoring, configuration and notification.

Adding ManageUPS® NET Adapter with the optional environmental sensor gives you flexibility and control to monitor and manage:

- UPS for safe system shutdowns and alerts.
- Monitor temperature, humidity, and input contacts.
- Set and monitor output contacts.

For multiple retail sites, ManageUPS CIO Software is an ideal central monitoring and management system for critical infrastructure in multiple remote locations.

| Product  | Product VA Range | Network / PBX | Key Systems | External Building Cables | VoIP | E911 Back Room Equipment | E911 PSAP |
|--|------------------|---------------|-------------|--------------------------|------|--------------------------|-----------|
| ONEAC ConditionOne® Power Conditioner  | 75 - 1000 VA     | •             | •           |                          | •    |                          | •         |
| ONEAC ON Series® UPS   | 400 - 3000 VA    | •             | •           |                          | •    | •                        |           |
| ONEAC Sinergy® S II UPS  | 700 - 3000 VA    | •             | •           |                          | •    |                          | •         |
| ONEAC Sinergy SE II UPS*   | 4 - 10 kVA       | •             |             |                          | •    | •                        |           |
| ONEAC OnLine®/Sentinel 5 Series  |                  | •             | •           | •                        | •    | •                        |           |
| ONEAC OnLine/Sentinel™ 6 Series  |                  | •             | •           | •                        | •    | •                        |           |
| ONEAC OnLine/Sentinel 10 Series  |                  | •             | •           | •                        | •    | •                        |           |
| ONEAC OnLine RJ Series   |                  | •             | •           | •                        | •    | •                        | •         |
| ONEAC Ethernet protectors  |                  | •             | •           | •                        | •    | •                        | •         |
| ONEAC Convergent™ Series   |                  | •             | •           | •                        | •    | •                        |           |
| Connectivity Solutions for a central remote management system for critical power infrastructure. |                  | •             | •           |                          | •    | •                        | •         |

**ONEAC Total Protection Solution**



**Power Conditioned UPS**



**Power Conditioner**



**Power Filters**



**Communication Line Protectors**



**Connectivity Solutions**

ONEAC's Total Protection Solutions protect all paths by which electrical disturbances can enter a system.

Providing protection for communication lines (analog, digital or high-speed data) and AC power protection, with or without battery backup, ONEAC Total Protection assures increased system reliability with far fewer interruptions or outages.

## About Emerson Network Power

Emerson Network Power, a business of Emerson (NYSE:EMR), is the global leader in enabling Business-Critical Continuity™ from grid to chip for telecommunication networks, data centers, health care and industrial facilities.

Emerson Network Power provides innovative solutions and expertise in areas including AC and DC power and precision cooling systems, embedded computing and power, integrated racks and enclosures, power switching and controls, infrastructure management, and connectivity. All solutions are supported globally by local Emerson Network Power service technicians.

ONEAC single-phase power protection solutions - including uninterruptible power supplies (UPS), power conditioners, filters and communication line protectors - protect against power outages ensuring business continuity for customers in the retail, healthcare, telecommunication, education, digital signage and semiconductor markets.

Visit [www.chloridepower.com/oneac](http://www.chloridepower.com/oneac) for more information on ONEAC products and services. Learn more about Emerson Network Power products and services at [www.EmersonNetworkPower.com](http://www.EmersonNetworkPower.com)

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## Emerson Network Power

The global leader in enabling business-critical continuity.

- AC Power Systems
- Embedded Computing
- Outside Plant
- Racks & Integrated Cabinets
- Connectivity
- Embedded Power
- Power Switching & Controls
- Services
- DC Power Systems
- Infrastructure Management & Monitoring
- Precision Cooling
- Surge Protection