PROTECTING THE NEW COMMUNICATIONS INFRASTRUCTURE

Availability Solutions For

Mission-Critical IP Telephony

And ATM Communications Networks

EMERSON™
Network Power
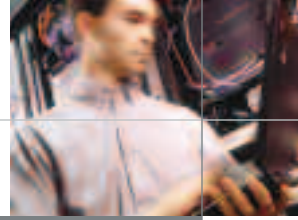
NEW INNOVATIONS IN COMMUNICATIONS REQUIRE PROVEN WAYS TO PROTECT THEIR AVAILABILITY

The convergence of data networks and telecommunications systems is here. More efficient communications, the elimination of multiple network layers and the resulting cost savings are attracting more and more government entities to implement IP telephony technology. But, as government agencies turn to new solutions for their communications needs, the demand for systems security and availability is greater than ever. To meet these challenges, you must rely on a proven facility support partner.

THE BACKBONE OF PROTECTION

Security First

The federal intelligence community and military require a highly secure environment for their communications systems.

Many mission-critical and military-grade communications networks utilize high-speed ATM (asynchronous transfer mode) technology. These systems provide secure voice, data and video transmission using high-level encryption and other protection features.

The support systems behind these ATM switching networks must be equally secure. Reliable operation cannot be compromised.

The Emerson Solution

The advanced switching systems used in ATM networks require carrier-class DC power systems for continuous availability. DC systems from Emerson Network Power are available in a wide range of power and distribution configurations and capacities. Features include modular design, plug and play compatibility, remote monitoring and control capabilities, easy installation and much more.

The Emerson line of DC power systems demonstrates unparalleled reliability and industry-leading MTBF ratings. Their highly integrated designs combine high power density with a minimal footprint for the best utilization of valuable space.

Integrated Communications

E-commerce and other data-driven communications are changing the way the government conducts business. Single networks that carry high-speed voice, data and video communications are becoming commonplace, and are being relied upon across the spectrum of government agencies.

This convergence and the increasingly mission-critical nature of networks create new security concerns that enhance the need to minimize vulnerabilities.

To ensure the highest level of performance, it is critical that you rely on a facility support partner that can provide the product breadth, global reach and local expertise you require to ensure maximum availability.

One Source Provides Critical Support Solutions For New Communications Systems

As a world leader in system controls, building management, and power and environmental protection for critical facilities, Emerson delivers unmatched capabilities and expertise.

From high-security, ATM-based communications systems to new IP telephony implementations, Emerson Network Power provides a full spectrum of mission-critical system protection solutions designed to ensure maximum availability:

- • Inbound power
- • Connectivity
  Fiber, microwave and
  cable connectors
- • Power supplies
- • Power systems
- • Precision cooling
- • System monitoring
- • Service and support

POWER SOLUTIONS FOR EXISTING AND NEXT-GENERATION COMMUNICATIONS NETWORKS

The core of any support solution depends upon a proven power protection strategy. Emerson Network Power delivers with its wide range of DC and AC power protection equipment.

Protecting IP Telephony

Users expect IP telephony networks to maintain the same high degree of "dial tone" availability as the traditional telephone system.

To ensure this level of performance, it is critical that you plan power protection and physical security for the servers, routers and switches that make up a converged network.

In the past, network equipment required a medium- to high-availability solution. Today, more and more of these networks have become mission-critical. This shift requires an evolution in your protection strategy.

The Emerson Solution

Assuring the flow of clean, reliable power to IP telephony components requires a protection solution that will fully safeguard them from all power variations as well as outages.

Our Liebert IP Telephony Availability System ensures that your IP telephony equipment will operate through all the daily power anomalies that strike IT and telecommunications networks.

This system combines either a double-conversion online UPS for AC power or a small DC power system with a Liebert Foundation rack and a small system, mission-critical cooling product. It is the only UPS solution for IP telephony that is Cisco compatible with certification for Cisco Call Manager Express, Cisco Unity and Cisco Unity Express.

EMERSON IS THE INDUSTRY LEADER FOR CRITICAL INFRASTRUCTURE SUPPORT

When you trust the protection of your communications infrastructure to Emerson, you can be confident that you're relying on the highest level of performance and quality.

Emerson Network Power brings together some of the world's leading brands in network protection.

Inbound Power
ASCO Power Technologies
Control Concepts
Copeland Specialty Scroll
Leroy-Somer
Northern Technologies

Power Systems
Energy Systems North America
Liebert

Precision Environmental Systems
Liebert
Liebert Hiross

Service/Site Operations
ASCO Power Technologies
Emerson Energy Systems
Liebert Global Services

Connectivity
Connectivity Solutions
Optical Connectivity
T.S.I. of Florida
Viewsonics
Vitelec Electronics
Midwest Microwave
Cambridge Products
Engineered Endeavors
Lo Dan International

OEM Embedded Power
Astec Power
Liebert

Outside Plant and Cabinet Solutions
Energy Systems
Energy Systems North America
Northern Technologies

Customer Intimacy

Emerson ensures the availability of the nation's most critical information systems - with solutions in place at all levels of federal, state and local government and all of the Fortune 500 companies. Our many years of experience supporting Carrier Class and Wireless switching for Wireline and Wireless Carriers provides us with intimate knowledge of both traditional and emerging communications networks.

Experience

Emerson pioneered protection for critical information infrastructure over 40 years ago. Today, Emerson's technological superiority, product breadth, service infrastructure and global presence are unmatched in the industry.

Application Expertise

Because we work with the leading IT solution providers, we know and understand the advanced technology you are implementing on a daily basis. From desktop to super computer, Emerson is there.

Wherever Support Is Needed

Whether the application is CONUS or OCONUS, only Emerson can deliver global solutions through a network of local experts.

We Will Be Here Today And Tomorrow

Emerson is a $15.6 billion company, which has been in business for over 100 years and is a proven technology and engineering leader in the critical space arena.

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