

Infrastructure Management
& Monitoring for
Business-Critical Continuity™

Chloride LIFE®.net

Remote Monitoring and Diagnostic Service



CHLORIDE


EMERSON
Network Power



Emerson Network Power, a division of Emerson, is a global company that combines technology with design to supply innovative solutions for the benefit of its customers.

Emerson Network Power is the leader in the “**business-critical continuity**” field, thanks to the company’s products and services.

Emerson Network Power’s broad technology base and global expertise support a full spectrum of enterprise-wide solutions for today’s vital business needs.



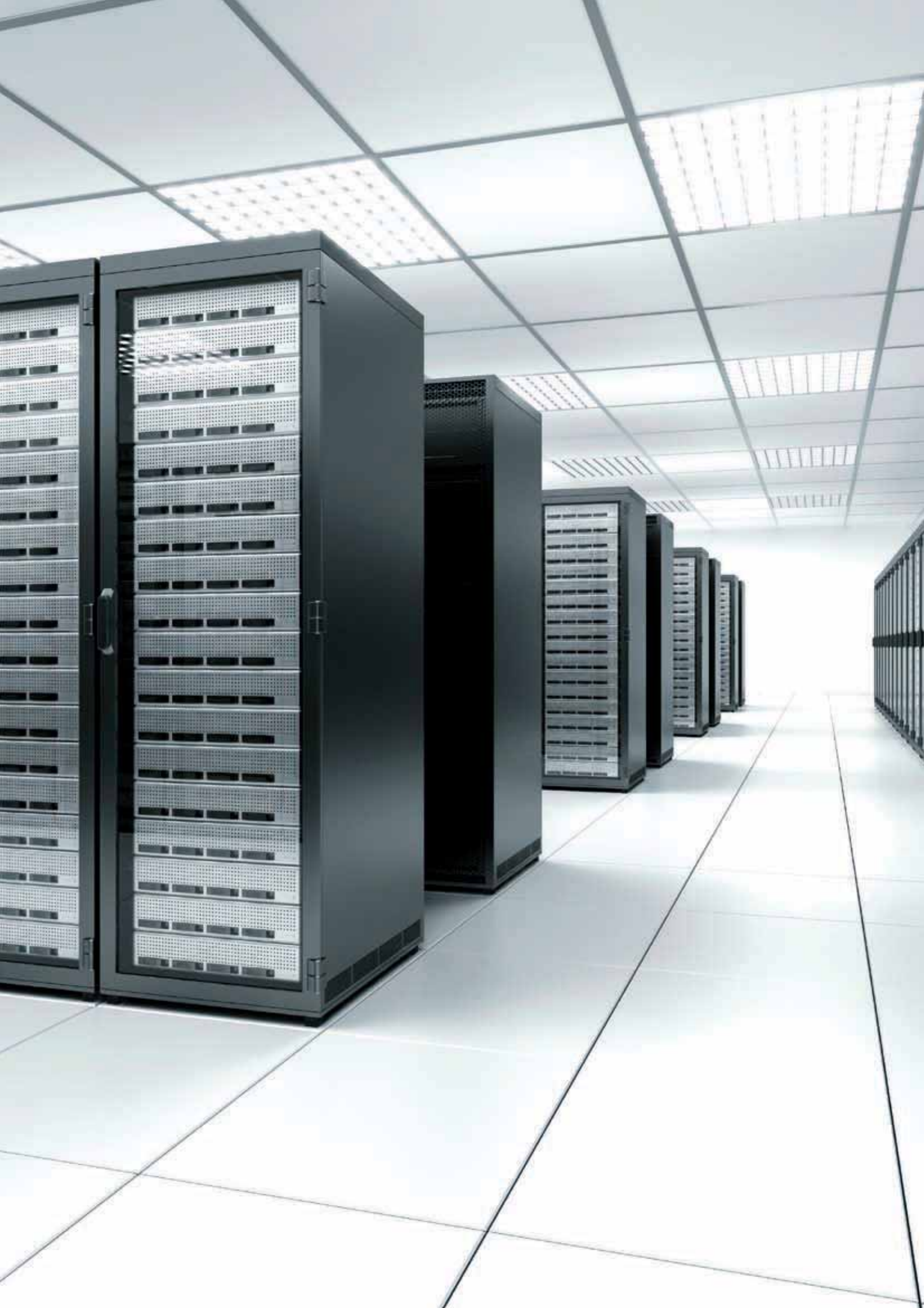
Regardless of your size, you can’t afford for your critical business systems to go down and you can’t waste time recovering your IT infrastructure after a disruption.

Leave that to us, the experts in *business-critical continuity*: from grid to chip, from the biggest to the smallest data centers, we are ready to serve your needs with the solutions we have developed.

More standardization, so you don’t need further budget allocations to install it. More simplification so you don’t need to be a specialist to get the best for your business. More support, so while you are enjoying doing business, we are protecting you.

That’s why we can say we OptimizeIT!

optimizeIT[™]
Infrastructure Simplified.
Support Unparalleled.



Chloride LIFE[®].net 24/7 Remote Surveillance For Complete Peace Of Mind

We take responsibility for the health of all types of UPS units 24 hours per day. Chloride LIFE[®].net 24/7 remote monitoring and diagnostic service adds real value by identifying, diagnosing and fixing problems affecting your UPS. Chloride LIFE[®].net is a bi-directional, 24-hour year round communications system designed to remotely diagnose, monitor and manage the operational status of UPS and power distribution systems through a worldwide network. Chloride LIFE[®].net provides early warning of any alarm condition or out-of-tolerance status, allowing effective pro-active maintenance and fast incident response, giving customers all around the globe complete security and peace of mind.

Maximize Availability

Pre-Emptive Maintenance

Chloride LIFE[®].net provides early warning of more than 150 separate parameters allowing real-time diagnosis and swift identification and resolution of operating anomalies.



Minimize Downtime

Immediate Identification of Problems

Should an emergency condition arise, an engineer in the 24/7 manned Service Center carries out an immediate fault analysis and instigates appropriate corrective action.



Reduce Operating Costs

Superior Asset Management

Through comprehensive data collection and analysis, Chloride LIFE[®].net's detailed reporting system provides valuable information on power and equipment trends, over any selected period of time.



Chloride LIFE[®] - Ways Of Communicating



Phone line



GSM



Network



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Chloride LIFE[®].net: Superior State-Of-The-Art Services To Meet All Requirements

Monitor

Chloride LIFE[®].net provides 24/7 continuous monitoring of the mains supply and over 150 separate parameters. At defined intervals, or at the activation of an alarm, the UPS will communicate to the Chloride LIFE[®].net Service Center and provide a status report, allowing immediate corrective action.

Diagnosis

Through comprehensive data collection and analysis, Chloride LIFE[®].net becomes the focus of our integrated service offering. Chloride LIFE[®].net's power quality management analysis provides detailed information on the cause of particular alarm conditions, identifies potential future problems, and also provides information on power quality trends.

Support

Chloride LIFE[®].net provides 24-hour real-time monitoring of your UPS system, 365 days a year by our experts in the Service Center. Application engineers are permanently on hand to provide effective and dynamic local service to meet the diverse needs of customers. A unique 24/7 mains supply failure notification service is also offered, allowing immediate action such as load shedding or controlled shutdown.

Solution

In the event of an emergency condition, the Chloride LIFE[®].net technical support desk receives an immediate emergency report for assessment. The operator performs an immediate analysis to determine what action is required and then contacts the customer to establish an appropriate course of action.

Through Electronic Trouble Shooting (ETS), Chloride LIFE[®].net automatically generates a list of alarm conditions and provides a series of possible solutions, leading to the swift identification and resolution of all possible operating anomalies. If necessary, a service engineer will complete an emergency on-site visit.



Report

Chloride LIFE[®].net provides regular operational status reports as a comprehensive demonstration that the UPS is operating successfully and is under continuous remote surveillance. This report also provides immediate emergency warnings such as SMS notification when anomalies occur. The regular reports are supplied via post or e-mail and contain a summary of all alarm events that have occurred and their frequency and duration for the entire monitoring period.



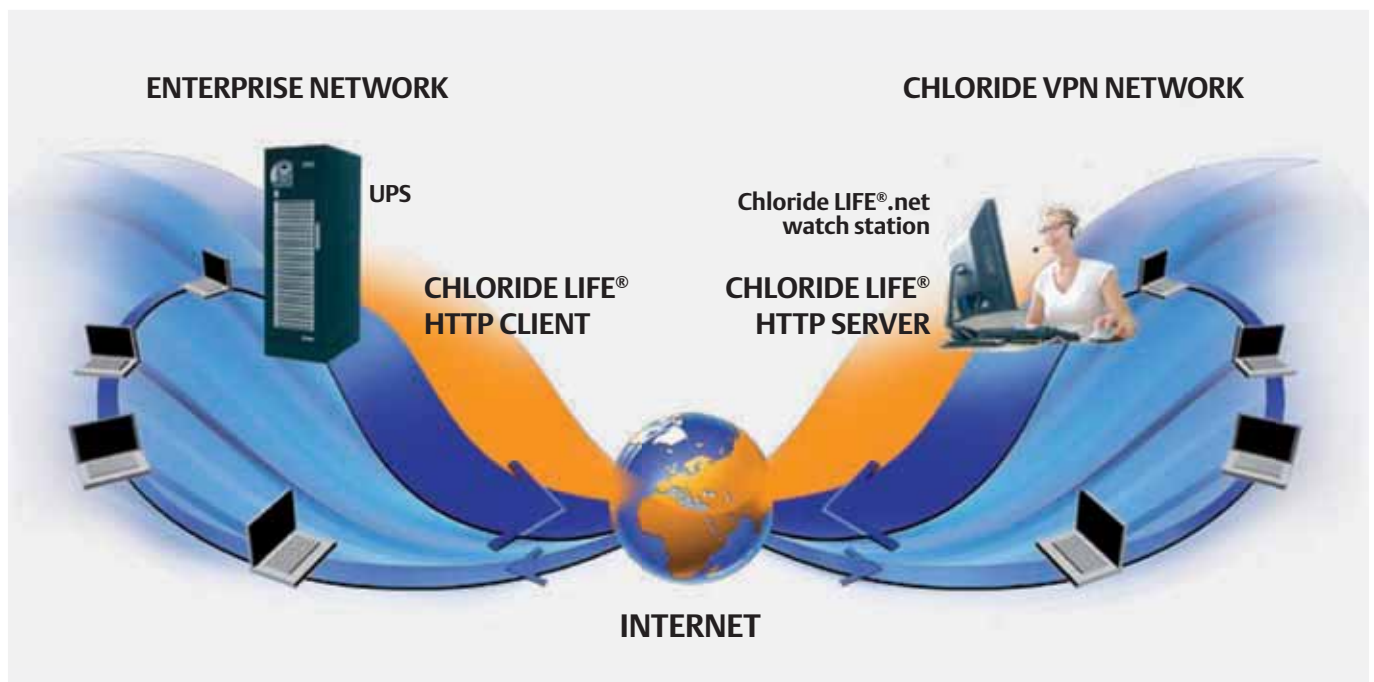
Chloride LIFE® Over IP: The New Generation In IT Friendly Remote Diagnostics

Chloride LIFE® over IP transforms the physical lines used by the Chloride LIFE®.net system from a telephone line to a network infrastructure. Focusing on the strict adherence to most common internet communication standards - the http protocol - to transfer and convey information over the web.

This enables the UPS to communicate to Chloride LIFE®.net centers using the internet. Chloride LIFE® over IP is the IT friendly solution, as allowing the adoption of the http protocol allows it not to be filtered out by most security policies installed at the enterprise firewall, without requiring any direct manual intervention of enterprise network administrators.

Chloride LIFE® over IP offers security at no further investment:

- No changes to existing IT infrastructure
- HTTP standard protocol is used
- Proxy compatibility
- DHCP supported
- No fixed IP
- No VPN
- No public IP is required
- Secure and efficient data transmission



Chloride LIFE[®].net GenSys: Taking Remote Diagnostics One Step Further

An absolute breakthrough in the UPS world, Chloride LIFE[®].net GenSys is capable of diagnosing and monitoring other brands of UPS by connecting them to the Chloride LIFE[®].net system, providing the integration and monitoring of full power diagnostics.

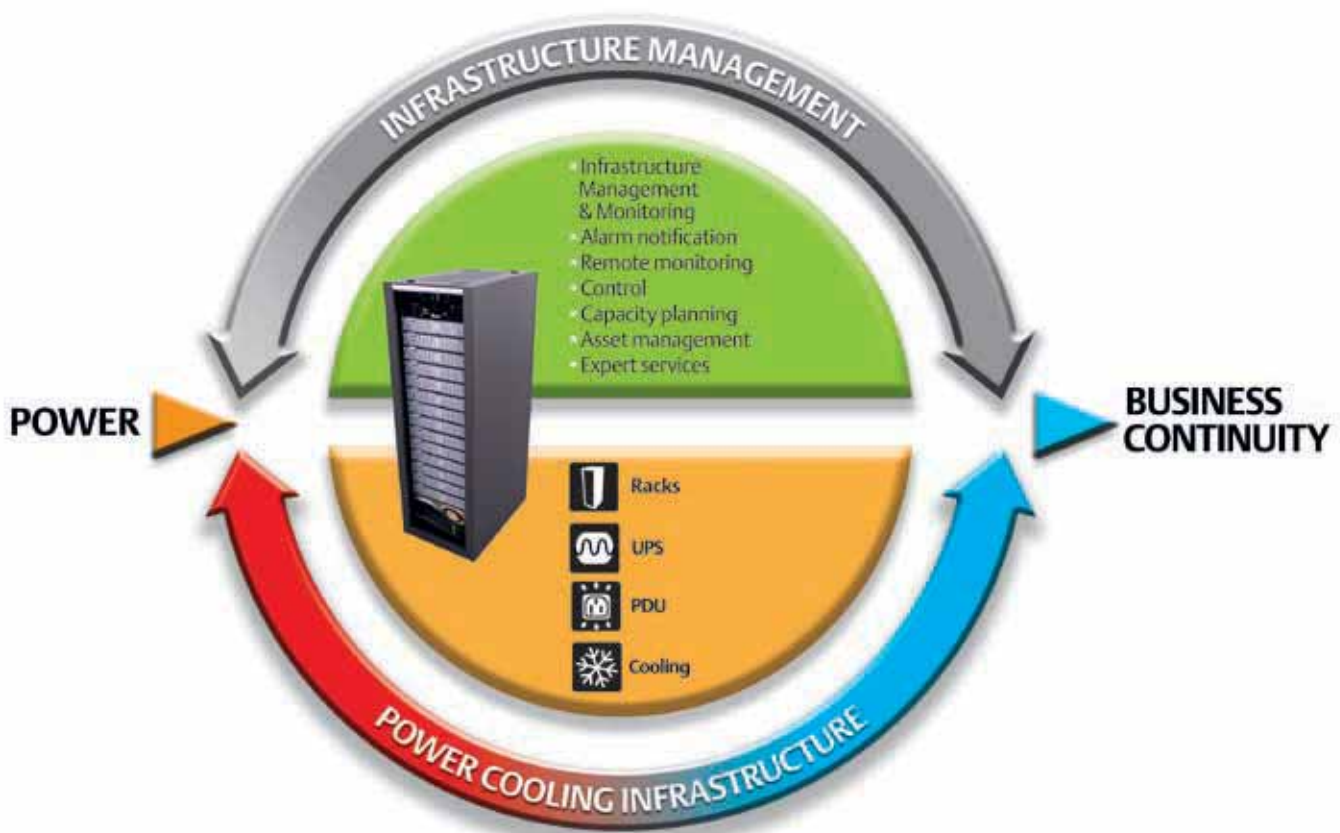
The Chloride LIFE[®].net GenSys monitors the analog measurements and adopts advanced techniques of digital signal processing (DSP) to identify problems in the UPS operating conditions such as mains power failures, UPS output power failure and overload conditions etc.

The Chloride LIFE[®].net GenSys base kit includes the following capabilities:

- UPS Input voltage monitoring
- UPS Output voltage monitoring
- Battery voltage monitoring
- Up to 8 digital inputs available
- Ambient temperature monitoring
- Analog modem connected to the Chloride LIFE[®].net Watch Station
- Monitoring of output currents
- Monitoring of UPS battery currents



Emerson Network Power Business-Critical Continuity™ Expert



Today's successful businesses depend on adaptable technologies to help them respond quickly to market demands. Your data center must be built on a support infrastructure designed to match the power and cooling needs of rapidly changing IT initiatives such as virtualization and consolidation. Each IT change, move or addition will affect the entire support infrastructure so you need products and support that ensure your IT systems will operate reliably in these environments.

Get More on line: www.eu.emersonnetworkpower.com



More than 35,000 organizations in 70 countries depend on our Business - Critical Continuity™ Promise: your IT infrastructure stays up to support your Business!

Ensuring The High Availability Of Mission-Critical Data And Applications.

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. Chloride Uninterruptible Power Supply (UPS) systems and critical power protection solutions and services protect against power outages ensuring business continuity for companies in all market segments, visit www.ChloridePower.com for more information on Chloride products and services. Learn more about Emerson Network Power products and services at www.EmersonNetworkPower.com

For a full list of contacts please visit our website at www.ChloridePower.com

This publication is issued to provide outline information only and is not deemed to form part of any offer and/or contract. The company has a policy of continuous product development and improvement, and we therefore reserve the right to vary any information without prior notice.

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Emerson Network Power

The global leader in enabling Business-Critical Continuity™.

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

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