

## Integrated Service Delivery

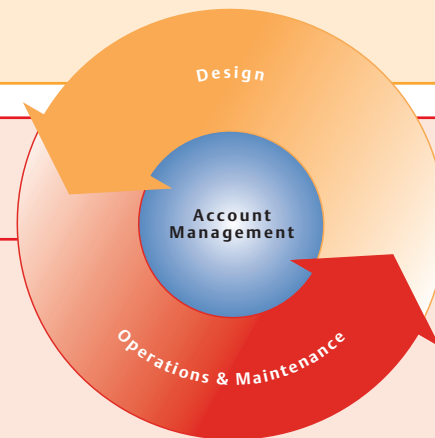
- System Design Services to ensure that your power and cooling strategies evolve with your data center
- Operations and Maintenance Services you can trust to keep your support systems available and operating at peak performance

## Helping Data Centers Prepare For The Future

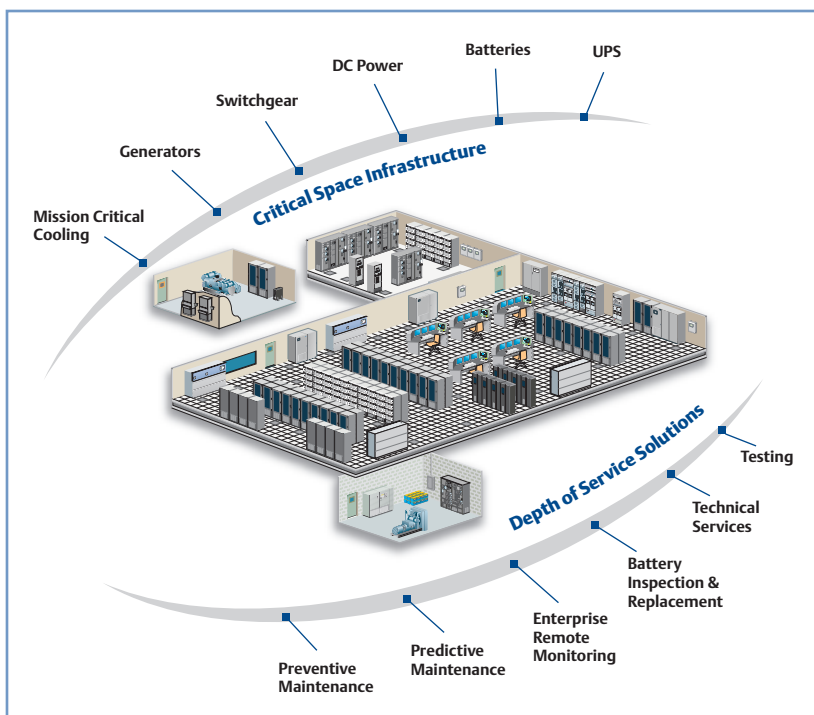
Today's data centers are confronted with a wide range of issues that impact their operations—such as reduced power grid reliability, new equipment configurations and increased availability concerns. Ensure that your data center power protection and cooling strategies meet the requirements of your business with a full range of Availability Assessment Services from Emerson Network Power.

System Design	Data Center Assessment	Facility Design Audit	Short Circuit & Coordination	Arc Flash Analysis	Power Quality Assessment	One-Line Diagram Update
	<b>Cooling Assessment</b> <ul style="list-style-type: none"> <li>▪ Determine Hot Spots In Critical Spaces</li> <li>▪ Measure Air Flow Over And Under Floors</li> </ul> <b>Power Audit</b> <ul style="list-style-type: none"> <li>▪ Determine Loading And Capacity Of Electrical Equipment</li> <li>▪ Single Point Of Failure Analysis</li> </ul>	<ul style="list-style-type: none"> <li>▪ Ensure Critical Documentation Accuracy</li> <li>▪ Identify Deviation From Industry Standards</li> <li>▪ Complete Critical Equipment Inventory</li> <li>▪ One-Line Diagram Verification</li> </ul>	<ul style="list-style-type: none"> <li>▪ Isolate Faulty Circuits Without Loss Of Power</li> <li>▪ Identify Under-Protected Equipment</li> <li>▪ Protect Against Facility Outages</li> <li>▪ Determine Magnitude Of Fault Current</li> <li>▪ Evaluate Protective Devices</li> </ul>	<ul style="list-style-type: none"> <li>▪ Ensure NEC, NFPA, OSHA, And IEEE Compliance</li> <li>▪ Improve Worker Safety In High-Voltage Areas</li> <li>▪ Update Safety Labeling</li> </ul>	<ul style="list-style-type: none"> <li>▪ Determine The Integrity Of Grounding Systems</li> <li>▪ Ensure ANSI/NFPA 70 &amp; NEC Compliance</li> <li>▪ Identify High-Threat Harmonics</li> </ul>	<ul style="list-style-type: none"> <li>▪ Identify Single Points Of Failure</li> <li>▪ Ensure System Coordination</li> <li>▪ NFPA-70E Requires An Accurate One-Line Diagram</li> </ul>

Operations & Maintenance	Infrared Inspection	Power & Environmental Maintenance
	<ul style="list-style-type: none"> <li>▪ Identify Catastrophic Failures Before They Occur</li> <li>▪ Detect Abnormal Thermal Rises In Components</li> <li>▪ Protect Your Investment In Data Center Infrastructure</li> </ul>	<ul style="list-style-type: none"> <li>▪ Maintenance Solutions For Your Entire Critical Space</li> <li>▪ Industry's Most Advanced Disaster Recovery System</li> <li>▪ 7x24x365 Live Response Center</li> </ul>



## The Largest Service Organization in the World Dedicated to Maximizing Availability of Infrastructure Required for Mission-Critical Systems



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