

## EMPOWERING VITAL APPLICATIONS FOR A DIGITAL WORLD: AN INTRODUCTION TO VERTIV



VERTIV ENABLES THE VITAL APPLICATIONS OF OUR DIGITAL WORLD

We design, build and service mission-critical technologies for:

- Data centers
- Communication networks
- Commercial and industrial applications

We support today's growing mobile and cloud computing markets with a portfolio of power, thermal and infrastructure management solutions.

We offer unsurpassed global scale and broad expertise, built from our heritage as Emerson Network Power.

And now as Vertiv, we match industry leadership with the focus and spirit of a startup.

Your Vision. Our Passion.

## **DATA CENTERS**

## Micro, Edge, Cloud, Enterprise, Prefab, Colo, Hyperscale

## Legacy of reliability and innovation

Our depth of knowledge and a breadth of reliable, innovative products is unmatched in the industry.

### Intelligent, integrated controls and solutions

Our fully loaded, integrated solutions are customized to your needs, standardized across your sites and easy to monitor and manage, optimizing your network from core to edge. Our solutions ensure efficiency and optimized performance.

### Activating data-driven management

Our scalable, flexible solutions deliver visibility and control across your network's physical infrastructure – whether it's a point solution, or a more holistic DCIM solution.

### World class service

Our global service organization is located in every world region equipped to handle the toughest challenges.





## COMMUNICATION NETWORKS

## Small Cell, Macro Sites, Central Office, Data Center

### Proven innovation you can trust

Our solutions deliver intelligent network visibility and management capabilities with flexible power architectures that support solar, wind and hydrogen fuel cells to deliver efficient, highly available power in core and access sites in any environment.

### Fast, turnkey solutions

Wire-to-wire support for all of your network needs. Providing the critical infrastructure – power protection, thermal management, and software controls. We install and commission site solutions and provide industry-leading preventive maintenance, warranty, repair, site assessments, performance optimization and other life cycle services.

### Intelligence for seamless operations

Technology platforms rely on software defined networks (SDN) and network function virtualization (NFV) to effectively and efficiently leverage computing power and assets. We're on the leading edge of SDN and NFV technology development and have an unmatched understanding of these converged, software-defined and virtualized environments.



## COMMERCIAL AND INDUSTRIAL

## Healthcare, Rail, Transportation, Power Generation, Oil and Gas

### Delivering safe, reliable and efficient power

Our industrial systems meet the harshest electrical and mechanical conditions in industrial environments, with proactive service plans that minimize downtime and avoid expensive emergency repairs.

### Global perspective, local knowledge

With teams and facilities around the world, we have the expertise to design, build, equip and service your facilities – wherever they may be. Our comprehensive array of site-level services ensure the highest level of productivity, efficiency and reliability.

### Streamlined and simplified for safety and compliance

Our industrial-grade infrastructure systems safely deliver best-in-class availability with innovative technologies designed to improve energy efficiency, reduce consumption and navigate environmental regulations around the world.





## WHO WE ARE



## **CUSTOMERS INCLUDE**

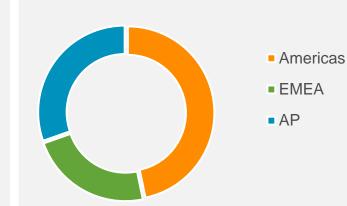
America Movil, Apple, AT&T, China Mobile, China Tower, Ericsson, Facebook, Microsoft, Reliance, Verizon, Walmart

MANUFACTURING SITES: 20 ENGINEERING CENTERS: 15 OPERATIONS: 50 COUNTRIES

# Offering

- Power Mgmt
- Services
- Thermal Mgmt
- Software & Solutions

Broad range of power, thermal, and infrastructure management portfolio

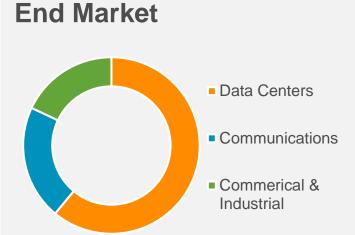


Geography

Global, well-established footprint and supply-chain network

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Serve vital applications in data centers, communication networks, and commercial/industrial environments

NOTE: FY '17E revenue excluding ASCO



## **OUR GLOBAL PRESENCE**

US and Canada	
Manuf. and Assembly Locations	13
Service Centers	<b>80+</b>
Service Field Engineers	965+
<b>Technical Support/Response</b>	145+
Customer Experience Centers/Labs	5

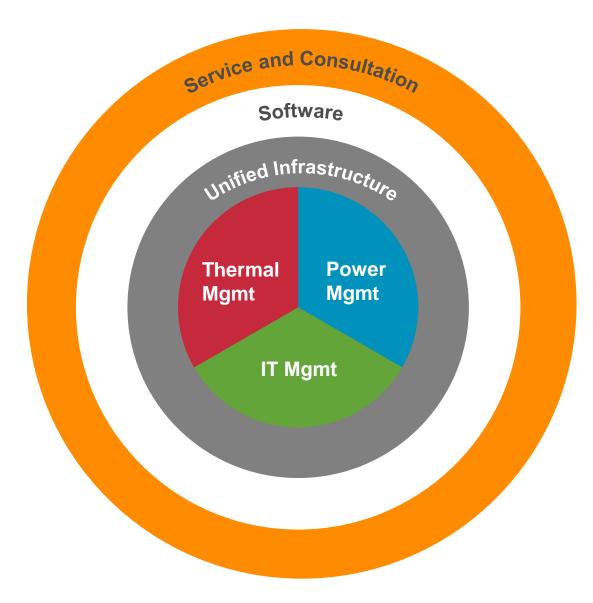
#### WORLDWIDE

Manuf. and Assembly Locations	28
Service Centers	255+
Service Field Engineers	3,135+
Technical Support/Response	415+
Customer Experience Centers/Labs	14

**Asia Pacific** Manuf. and Assembly Locations 5 **Service Centers** 95+ **Service Field Engineers** 945+ **Technical Support/Response** 75+ **Customer Experience Centers/Labs** 3 **Europe, Middle East and Africa** Latin America Manuf. and Assembly Locations Manuf. and Assembly Locations 1 9 **Service Centers** 7 **Service Centers** 60+ **Service Field Engineers** 350 **Service Field Engineers** 535+ **Technical Support/Response** 60 **Technical Support/Response** 100+ **Customer Experience Centers/Labs** 2 **Customer Experience Centers/Labs** 4



## **HOW IT ALL COMES TOGETHER**





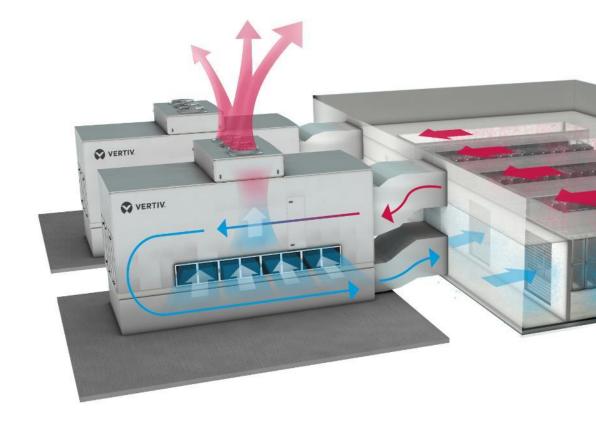
# THERMAL MANAGEMENT THE VERTIV DIFFERENCE

Unmatched efficiency and reliability for mission-critical applications

- We deliver the highest level of protection and uptime
- Industry-leading efficiency levels (Power Usage Effectiveness as low as 1.1)
- Up to 50 percent lower capital and operating costs
- Industry-leading, awardwinning technologies

# Deep design and application knowledge

- We partner with each customer to develop and deploy solutions that best meet their needs
- Intelligent, self-optimizing solutions that enable customers to spend less time managing cooling and more time managing their facilities





# POWER MANAGEMENT THE VERTIV DIFFERENCE

## Comprehensive range of power

solutions for data centers, communications networks, commercial and industrial networks



Industry leader in **safe and reliable power solutions** for heavy-duty, data center and Edge of Network applications



Complimented by our full software suite and global service organization





## IT MANAGEMENT THE VERTIV DIFFERENCE

Vertiv is the leader in IT Management. Its portfolio is unmatched for remote data center access and control and rack power. The portfolio spans devices and software and is supported by cutting edge services.

Vertiv IT Management products and services make it not only an outstanding performer in the traditional data center but its portfolio is uniquely positioned to deliver outstanding performance in Edge applications.



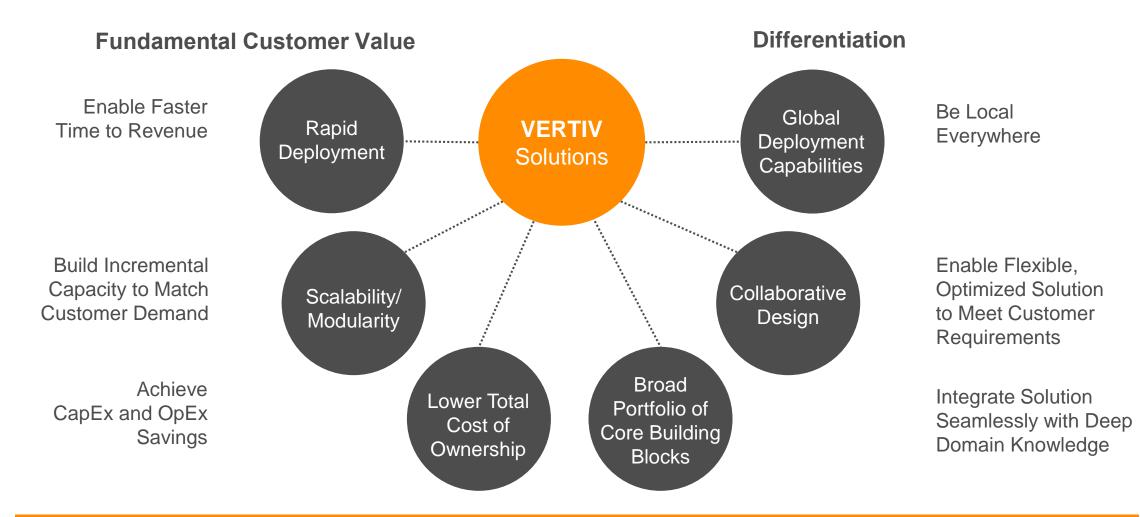
## The Vertiv IT Management portfolio benefits customers by:

- Improved performance with an ecosystem of IT Management products
- Easy and efficient monitoring and controlling through a single interface
- Automated analysis and closed loop actions with IoT functionality
- Enabling the simplicity of sourcing from a single supplier



# UNIFIED INFRASTRUCTURE THE VERTIV DIFFERENCE

Key Value Proposition: Rapid Deployment, Global Capabilities & Trusted Partnership



Purposefully Designed and Integrated Solutions Reduce Project Complexity and Management Burden of the Client



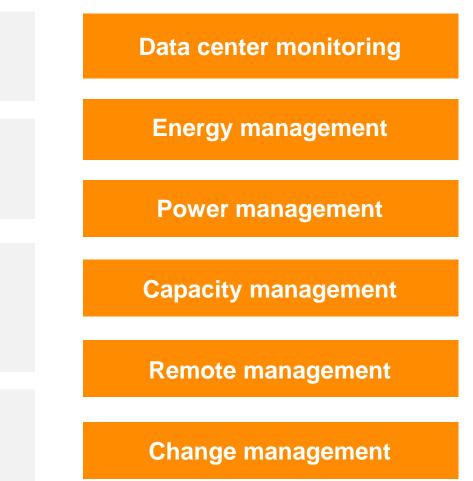
# SOFTWARE VERTIV CAPABILITIES

Today's telecom, IT and converged networks are **more intelligent** and increasingly virtualized and software-enabled.

To fully **leverage these networks**, you need visibility into every corner and the ability to manage all of your resources **remotely and in real-time**.

Whether it's point solutions for management of specific sites or systems or more holistic DCIM solutions that manage loads all across the network, the benefits are the same: **reduced risk and increased efficiency**.

Our scalable, flexible solutions deliver **visibility and control** across your network's physical infrastructure.





# SERVICES VERTIV CAPABILITIES

A complete life-cycle approach to service, from project launch to ongoing maintenance and performance optimization

## PROJECT

## MAINTENANCE

## PERFORMANCE

When launching new facilities or powering up new equipment, you want to do it right – right from the start

- Plan
- Design
- Engineer
- Integrate
- Commission
- Project Management

Services to ensure that your businesscritical infrastructure operates reliably, safely and efficiently

- Preventive and corrective maintenance
- Remote services
   and monitoring
- Cap / Fan / Battery replacements
- Repair
- Spare parts

Full range of services designed to optimize infrastructure performance and reduce process complexity

- Assess
- Audit
- Model
- Configure
- Upgrade
- Train



## **CORPORATE VIDEO**

