

VSPEX POWERED BY EATON

Simplify Power Management

ESSENTIALS

Challenge

Having the right power management in place is critical to ensure that data integrity and business continuity are never compromised.

Solution

VSPEX enables customers to deploy a proven infrastructure faster, without the risk and complexity of the traditional build-your-own approach. Eaton has been validated on VSPEX to solve the challenge of power management complexity.

Simple

- Easy-to-deploy power reference designs

Integrated control

- Manage the entire power infrastructure remotely, inside the existing IT management platform

Support

- Beyond its award-winning global support team, Eaton is also a Technical Support Alliance Network (TSANet) partner, providing seamless support between Eaton, EMC, VMware, Cisco, and other TSANet partners

THE CHALLENGE: POWER MANAGEMENT COMPLEXITY

Virtualization empowers businesses to lower hardware spending, simplify administration and boost availability. For IT and facilities managers, however, virtualization introduces both challenges and opportunities. In particular, while virtualization makes preventing downtime during utility failures dramatically easier, provided your data center is equipped with proper power management software, it also adds new complexities to the demands of avoiding data loss during electrical outages when shutting down servers is unavoidable. Downtime is enormously expensive, so a truly comprehensive power protection environment must be designed to ensure that essential applications remain continuously available.

THE SOLUTION: EATON POWER MANAGEMENT SOLUTIONS

Eaton's Intelligent Power Manager™ (IPM) software and power management solutions have been proven on EMC VSPEX to address the many challenges you face when ensuring data integrity, business continuity and resilience. Eaton's power management solutions position you to take full advantage of virtualization's rewards while mitigating its risks by enabling you to migrate virtual machines onto unaffected host devices automatically during utility service interruptions. These solutions also allow you to shut down physical servers gracefully when such measures are unavoidable. IPM software extends network runtime, protects critical equipment, and allows you to view and manage your entire power infrastructure from your existing virtualization dashboard, making it the perfect power solution for VSPEX. Eaton provides integrated, scalable power infrastructure designed to organize, manage and protect VSPEX solutions.

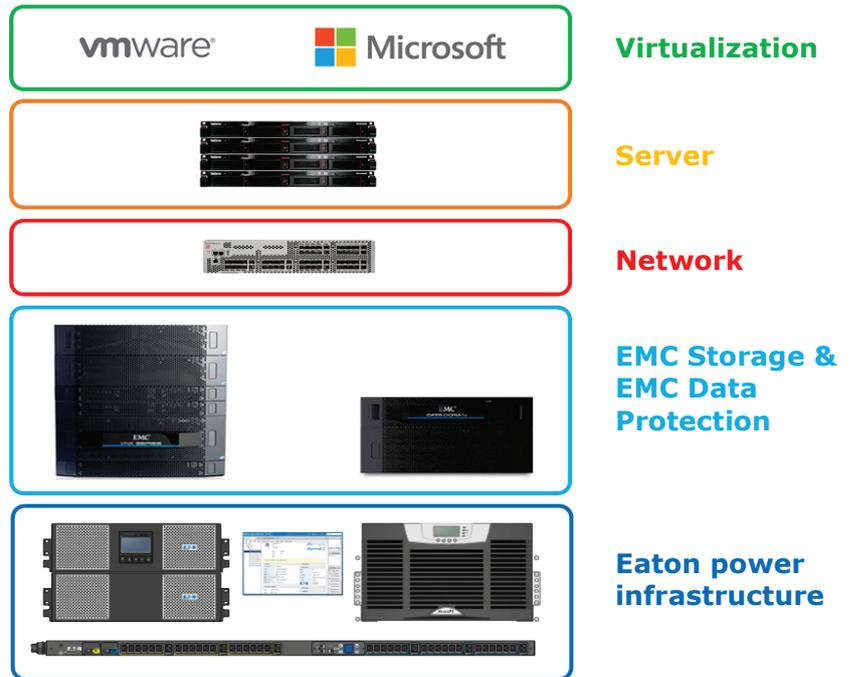
OPTIMIZING VSPEX

A power management system from Eaton—consisting of a power distribution unit (PDU), uninterruptible power systems (UPS), and IPM software—seamlessly integrates into VSPEX to monitor and manage power in the data center; measuring power consumption to help calculate power usage effectiveness (PUE), and triggering live migration of virtual machines and graceful shutdown initiation during extended power outages. Eaton's seamless integration with VMware and Microsoft hypervisors in a VSPEX environment allows you to:

- Manage your power infrastructure through virtualization tools in use today
- Maintain business continuity through disaster recovery initiation and load-shedding capabilities
- Protect your IT investment from power anomalies and environmental threats



EATON: THE FIFTH ELEMENT OF VSPEX PROVEN INFRASTRUCTURE



Eaton's power and software management solutions provide the fifth element of VSPEX solutions, seamlessly integrating with network, server, storage, and virtualization components. Eaton provides integrated, scalable power infrastructure to organize, manage and protect VSPEX solutions.

ABOUT EATON

Eaton helps you energize your data center and maximize the value of your investment. Eaton's complete range of data center infrastructure solutions includes power protection, power distribution, rack enclosures and cable management. Eaton's award-winning power management software manages power and IT equipment from the current virtualization platform.

ABOUT EMC & THE VSPEX VALIDATION PROGRAM

EMC Corporation is the world's leading developer and provider of information infrastructure technology and solutions that enable organizations of all sizes to transform the way they compete and create value from their information. Information must be intelligently and efficiently stored, protected, and managed—so it can be made accessible, searchable, shareable, and ultimately actionable. EMC creates complete information environments that are reliable, efficient, and secure.

The VSPEX Validation Program offers Independent Hardware and Software Vendors the opportunity to validate and market joint solutions with EMC VSPEX. Through this program, VSPEX's partner community and their channel influence can be leveraged to reach customers around the world. Solving tomorrow's IT challenges requires technology innovation, business leadership and strong partnerships. EMC's VSPEX Validation Program enables partners to deliver solutions that complement VSPEX and drive new business growth.

CONTACT US

Together EMC and Eaton offer integrated power management with VSPEX. To learn more about this joint solution, call your EMC or Eaton sales representative, or visit our websites at www.EMC.com and www.eaton.eu/vspex.

EMC2, EMC, VSPEX and the EMC logo, are registered trademarks or trademarks of EMC Corporation in the United States and other countries. Eaton and Intelligent Power Manager are trademarks of Eaton or its subsidiaries and affiliates. All other trademarks and logos the property of their respective owners.

© Copyright 2014 EMC Corporation. All rights reserved. Published in the USA. April 2014

EMC believes the information in this document is accurate as of its publication date. The information is subject to change without notice.