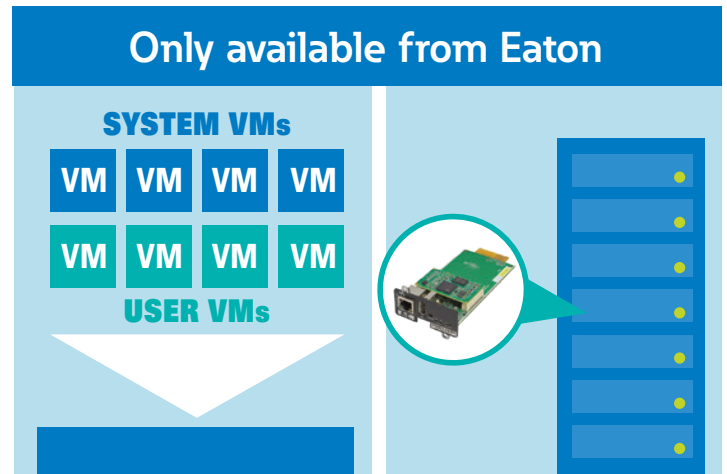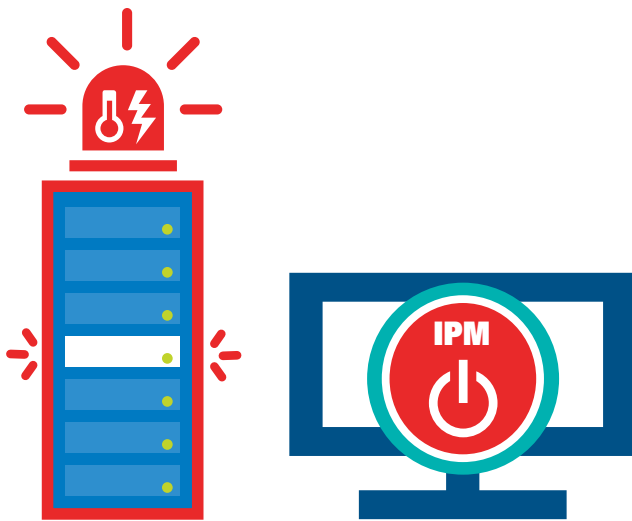# Eaton delivers advanced power management for Dell EMC VxRail systems

VxRail, a fully integrated, pre-configured and pre-tested hyperconverged infrastructure system jointly developed by Dell EMC and VMware, aligns compute, memory and storage resources to match the requirements of end user workloads. Through integration with Eaton's Intelligent Power Manager (IPM) software, users of VxRail can enhance the integrity of valuable data and business continuity by enabling automated and graceful shutdown of VxRail clusters experiencing unplanned power events. There is no need to host IPM on an external IT device like a server or PC; everything is automatically managed from within the cluster.

Only available from Eaton

SYSTEM VMs

USER VMs

1 **IPM detects** power or environmental event.

2 **IPM orchestrates** graceful shutdown of user VMs (virtual machines) via vCenter API.

3 **IPM dynamically configures and delegates** shutdown policy for system VMs and cluster to the Eaton Gigabit Network Card (Network-M2).

4 **Gigabit Network Card orchestrates** graceful shutdown of system VMs, IPM and the VxRail cluster via VxRail Manager API.

IPM is fully contained within the cluster.

F·T·N

Powering Business Worldwide

Why include Eaton solutions to VxRail systems?

- Preserve data integrity and business continuity by enabling automated and graceful shutdown of VxRail clusters experiencing unplanned, extended power events.
- Protect valuable data from cybersecurity breaches with the first UL 2900-1 and IEC 62443-4-2 certified UPS communication card.
- Reduce need for onsite IT staff with simple set-up and remote management of power infrastructure using familiar VMware tools.
- Safeguard VxRail system from power anomalies and environmental threats.

Enhance VxRail system performance with these Eaton solutions:

Organize

Racks and enclosures
Secure and preserve the integrity of IT equipment.

Cable magagement
Maximize airflow and rack organization to reduce cooling costs.

Rack power distribution units (PDU)
Distribute stable, conditioned power from UPS to IT Equipment utilizing best-in-class technologies.

Protect

Uninterruptible Power Systems (UPS)
Supply clean, reliable backup power to ensure critical systems retain a continuous flow of power.

Gigabit Network Card
Works with IPM to trigger policies configured to keep mission critical applications running during power or environmental anomalies.

Manage

Intelligent Power Manager (IPM)
Manage power devices in physical and virtual environments to maintain business continuity using automated, policy-based remediation.

Environmental monitoring
Monitor temperature and humidity within the rack enclosure for proactive response to potential risks to system availability.

Technology alliance memberships

Eaton collaborates with Dell EMC and VMware to deliver cohesive solutions to maintain business continuity and protect data integrity. As an Advantage partner in the Dell EMC Technology Connect Partner Program, Eaton's integrated power management solutions deliver increased value by offering advanced power monitoring and management for the entire portfolio of Dell EMC solutions.

Learn more at Eaton.com/IPM

Follow us on social media to get the latest product and support information.

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