

POWERING THE EDGES

Local data center edge



“Edge computing” has become an IT buzz-phrase in reference to data produced by internet of things (IoT) devices that are processed closer to where end devices access the network, instead of sending it across long routes to data centers or clouds. Computing at the edge has gained popularity because processing closer to applications reduces latency for faster connections. Eaton offers power management solutions for distributed IT edge environments to keep mission-critical applications and devices running longer and prevent servers from data loss. **The local data center edge** consists of up to four racks in a single location with compute, storage, networking equipment and power to support Artificial Intelligence and Machine Learning functionality that delivers superior customer experience.

Drivers

- AI/ML
- Latency issues
- Improved customer experience

Issues to Address

- Higher power requirements in the rack
- Rack access control
- Limited staff

Eaton Solutions

ORGANIZE



RS Enclosure

- 42/48U (RS Rack)
- IP-based access security (TAN-Lock by Eaton)
- Outlet-level metering and control (G3 PDUs)

PROTECT



BladeUPS

- 12 kW /6U
- Scalable to 60 kW N+1
- Pre-assembled with rack
- Quick installation and deployment

MANAGE



VPM Professional

- Remote infrastructure management
- Automated remediation engine (IPM)
- Environmental sensors
- Full container and Kubernetes integration for cloud connectivity



Powering Business Worldwide

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