SmartZone™ Data Center Infrastructure Manager (DCIM)



SZ - Power



SmartZone™ Power provides users a wholistic view of where power and energy is consumed. Provides data center managers the ability to view the consumption of power and measures how efficiently the data center is utilizing power. Real-time events and notifications based on user defined thresholds are available along with current and volt consumption. Users can view the impact on power capacity and have at-a-glance views of PDU's analytics.

SmartZone[™] Power allows for the representation of rack and cabinets power usage on a color-changing floor plan. The combination of these features provides data center managers insight into power capacity, load balancing and energy-saving opportunities within their data center.

Common Uses

Monitor rack and cabinet power load and capacity to find underutilized rack power to place new equipment or consolidate existing equipment.

Monitor IT power chain devices. View capacity for proper load balancing and discovery of underutilized units, enable consolidation, and realize potential for increasing power load.

^{**}Monitoring of power chain devices may require additional monitoring hardware.

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Capabilities

- Discovers and polls intelligent PDUs and metered IT power chain devices.
- · Shows available and used rack power capacity.
- Set power related capacity and usage thresholds.
- · Receives warning and critical alert notifications.
- Provides rack level PDU historical power trends.
- Measurement of real-time power, current, and volt consumption.

Customer Value

- · Reduces downtime risk and cost.
- Reduces over provisioning cost.
- · Enhances MAC and service agility.
- · Enhances equipment life and efficiency.
- Analyzes trends for potential issues.

	SmartZone [™] Software
Data gathered:	Amps
	KVA
	KWH
	Watts
	Voltage
	Power Factor
Calculates:	Current Capacity
	Power Monitored
	PUE/DCIE
View data from:	Outlet
	Breaker
	PDU
	Phase
	Branch
	UPS
	RPP
	Generator
	Cooling Units

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