

Trivision OmniControl 8

Reboot your server, network, or any other connected equipment from any remote location around the world.



Product Overview

The Trivision OmniControl 8 is a rugged, rackmountable Smart PDU engineered for environments that demand reliability and remote access. Designed for IT teams, telecom operations, and multi-site franchise networks, it offers remote reboot capabilities, GPS-based asset tracking, and intelligent scheduling – all accessible through a secure web-based GUI.

For mission-critical environments, Smart Alerts can notify users of device issues without triggering automatic reboots—ideal for sensitive equipment where human intervention is preferred. The Cycle Plan feature allows you to define boot sequences with custom priority and delays per outlet—ideal for structured reboots of networking environments. For example, power can be restored first to a modem, with a 3–5 minute delay before powering a router, server, or camera system, ensuring dependencies are met.

Key Features

- Remote Reboot – Power cycle devices from anywhere
- AutoPing – Automatically reboot frozen devices
- Power Cycle Plan – Schedule and prioritize outlet restarts
- Cycle Plan with Delays – Set boot order and delay per outlet (e.g., modem → router → server)
- Surge Protection – Built-in electrical protection
- Access Anywhere – Smartphone, computer, or browser
- Cloud-Connected – Google Cloud GUI with GPS + Address
- No Internet? No Problem – Operates in local-only mode
- Smart Alerts – Get notified of issues instead of triggering a reboot
- WIFI or Network cable compatible
- Power Consumption & environment monitor and display

Use Case Scenarios

- Franchise Stores – Automatically recover internet and POS systems after outages, keep standard devices running by remotely rebooting upon failure (displays, signs)
- Remote IT Sites – Power cycle servers, firewalls, modems, routers, switches, and NVRs without dispatching technicians.
- Telecom Headends – Sequence startup for modems, NSGs, and other equipment with proper boot delays.
- Retail Networks – Receive alerts when critical devices stop responding, without triggering reboots.

Software & Interface Highlights

- Cloud dashboard with GPS and multi-site map
- Local GUI for offline operation
- Secure login with user-level permissions
- Event log export (CSV / JSON)
- Full configuration backup and restore
- API endpoints for integration

Technical Specifications

Outlets: 8 x Standard North American

Mount: Rackmountable 1RU

Connectivity: Ethernet + Optional Cloud

GUI: Web-based via Google Cloud

Control Options: Manual / Scheduled / Autoping / Alert-only

Power Input: Standard AC

Power & Environmental Specifications

Specification	Value
Input Voltage	120 VAC $\pm$ 10%
Max Load	15 A total
Frequency	60 Hz
Operating Temperature	-20 °C – 70 °C
Humidity	10 – 90% RH (non-condensing)
Dimensions	1 RU rackmount (17" x 9" x 1.75")
Weight	Approx. 2.5 kg

Safety & Compliance

- Surge and overcurrent protection per outlet
- Overload auto-shutdown and recovery
- Designed and assembled in Canada
- FCC / CE / CSA pending

Key Benefits

- Reduce downtime across distributed sites
- Eliminate unnecessary truck rolls
- Maintain uptime for franchise operations
- Centralized monitoring for hundreds of PDUs
- Seamless integration with Trivision monitoring systems

Future-Ready Features

- Mobile app integration (iOS / Android)
- SNMP monitoring support
- Energy consumption analytics
- Scheduled firmware update delivery

Contact

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OmniControl 8 — Smart PDU

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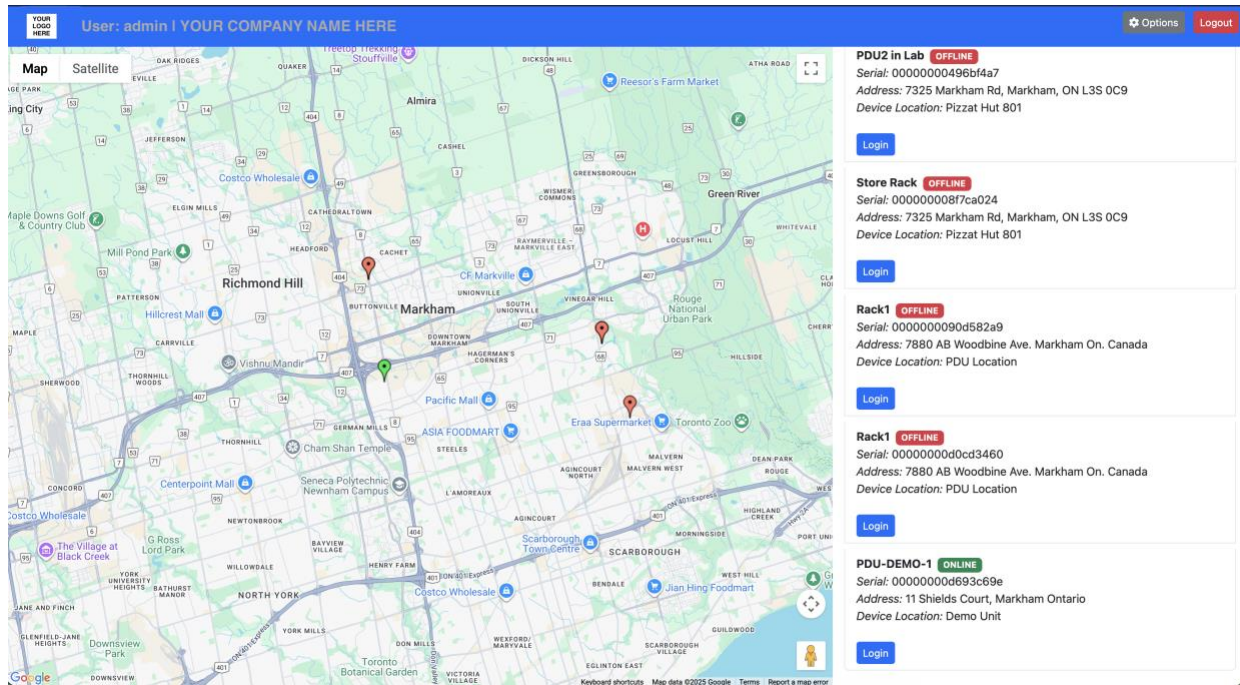
Web: www.trivisionbtinc.com

OmniControl 8 combines rugged hardware with an advanced on-device and cloud-based interface, giving IT teams and multi-site operators full control over connected devices, remote rebooting, and system monitoring from anywhere.



- 8 individually switchable power outlets with master control
- Per-outlet boot sequencing with customizable startup delays
- Autoping watchdog to detect and automatically recover failed devices
- Email alerts, escalation, and event logging for proactive maintenance
- Cloud dashboard with GPS location, address, and live device status
- Full backup/restore configuration for rapid deployment
- Role-based access and audit history
- REST API support for remote integrations

Fleet Map & Device Overview



The OmniControl 8 dashboard provides a live overview of every site, displaying GPS coordinates, status indicators, and quick-login access for each PDU. Ideal for franchises and distributed IT environments, this centralized map makes remote monitoring simple and effective.

Status & Control Interface

Intelligent PDU

Device Location : Demo Unit

Device Name : PDU-DEMO-1

Serial No : 00000000d693c69e

Address : 11 Shields Court, Markham Ontario

IP Address : 192.168.1.116 (IPv6::0)

Status

Configuration

Autoping

Notification

System Log

Backup/Restore

Datetime

API

Upgrade

Logout

User connected: admin

Electrical and Environmental Summary

Voltage

120.64[Vac]

Current

8.91[Aac]

Power

110[W]

Temperature

30[C]

Humidity

28.74[%]

Frequency

60.01[Hz]

PDU

Outlet Number

Outlet Name

Action

Status

Cycle

Outlet 1

Lamp 1

Switch ON

OFF

Outlet 2

Empty

Switch ON

OFF

Outlet 3

Empty

Switch ON

OFF

Outlet 4

Empty

Switch ON

OFF

Outlet 5

Empty

Switch ON

OFF

Outlet 6

Empty

Switch ON

OFF

Outlet 7

Empty

Switch ON

OFF

Outlet 8

Lamp 2

Switch ON

OFF

Master Control

All outlets OFF

All outlets ON

Cycle all ON outlets

Monitor voltage, current, power, and environmental readings in real time. Toggle outlets individually or issue master commands for all ports. Simplify routine operations and power sequencing directly through the web GUI.

Autoping Watchdog

Autoping Targets								
IP	Reboot Outlets	Script	Action	TX	RX	HIT	Enable Auto Reboot	Actions
192.168.1.117	1, 8	autoping_failure	active	537368	3263	3	☐	Delete Disable Update

Add New IP Address
Select Outlets: ☐ Outlet 1 ☐ Outlet 2 ☐ Outlet 3 ☐ Outlet 4 ☐ Outlet 5 ☐ Outlet 6 ☐ Outlet 7 ☐ Outlet 8
New IP Address: IPv4/IPv6 Address.
Script: Autoping Failure Script.
Action: Script State.
[Add](#)

Autoping Properties
[Restore Default Delays](#)
Time Between Pings: Seconds. (5-3600)
Ping Time Out: Seconds. (1-150)
Ping Failures Before Reboot: Pings. (1-255)
Ping Responses to Enable Autoping: Pings. (0-100)
Times to Attempt Reboot: Times. (1-255)
Device Reboot Delay: Seconds. (1-20)
Device Bootstrapping Wait time: Seconds. (1-3600)

Define target IPs, choose which outlets to reboot, and tune thresholds: failures before reboot, attempts, delays, and bootstrapping wait times.

Notification & Escalation

Notification Settings	
Use default device's sender email address	
Sender Email Address:	
Recipient Email:	
Escalation Email (After initial notification):	
Escalation Delay (minutes):	120
SMTP Server:	
Server Port:	
Username:	
Password:	
Encryption:	None

System Logs				
Start Date:	2025-10-21	End Date:	2025-10-21	Filter
Delete Logs:	1 week	Delete		
Date	Severity	Event	Message	
2025-10-17 16:41:34	NOTICE	all_outlet_off	The outlet 7 was turned OFF.	
2025-10-17 16:41:34	NOTICE	all_outlet_off	The outlet 8 was turned OFF.	
2025-10-17 16:41:33	NOTICE	all_outlet_off	The outlet 1 was turned OFF.	
2025-10-17 16:41:33	NOTICE	all_outlet_off	The outlet 2 was turned OFF.	
2025-10-17 16:41:33	NOTICE	all_outlet_off	The outlet 3 was turned OFF.	
2025-10-17 16:41:33	NOTICE	all_outlet_off	The outlet 4 was turned OFF.	
2025-10-17 16:41:33	NOTICE	all_outlet_off	The outlet 5 was turned OFF.	
2025-10-17 16:41:33	NOTICE	all_outlet_off	The outlet 6 was turned OFF.	
2025-10-17 16:39:34	INFO	outlet_on	The outlet 8 was turned ON.	
2025-10-17 16:39:29	INFO	outlet_on	The outlet 1 was turned ON.	
Next »				

Send notifications from device or via your SMTP. Escalate to a secondary email if an issue persists beyond a configurable delay.

System Logs & Audit Trails

System Logs			
Start Date:	2025-10-21	End Date:	2025-10-21
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Next »			

Filterable logs capture every outlet action and system event for compliance and diagnostics.

Backup & Restore

Backup & Restore Configuration	
Action	Option
Download Full Backup	Download
Upload Backup File	Select File: full_backup_2025-10-18.sql Restore
Restore Default Values	Restore

Export full configuration snapshots, restore from file, or revert to defaults in seconds.