

# PI-CONTROL 1000

## Datasheet

### Feature-Rich Network Management System for SD-WAN Deployments

#### Overview:

Piscis Networks' SD-WAN NMS solution, PI-CONTROL, offers a robust and scalable management platform designed to simplify and streamline the management of large-scale SD-WAN deployments. PI-CONTROL provides centralized control, security, and automation, ensuring optimal network performance across multi-site environments. With detailed dashboards, real-time monitoring, and granular controls, PI-CONTROL empowers network administrators with visibility, management, and reporting capabilities tailored to the needs of modern businesses.

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#### Key Features:

##### 1. Site and Device Management

- Create and manage multiple sites, assign devices to specific sites, and group devices hierarchically for easier management.
- Support for role-based access control, ensuring secure access to different roles for managing HUB and EDGE sites.

##### 2. Dashboard & Reporting

- Separate dashboards for each site, providing customized views for easy site management.
- Downloadable hourly/daily/monthly reports on various parameters such as data usage, device health, WAN health, and link status.
- Graphical reports on device real-time status, alerts, alarms, and VPN activity.

##### 3. Alerts and Alarms Management

- Configurable alerts for device status, WAN status, VPN client status, and other key events.
- Email-based alerts system for real-time notification of important changes.
- Generate device health, CPU, memory, and WAN status alarms, providing insights into device performance and network health.

##### 4. Profile & Configuration Management

- Create and apply Device Profiles, Network Profiles (LAN, VLAN, WAN), and Alert/Alarm Profiles for structured and efficient network configuration.
- Firmware management, including scheduling upgrades and staggered rollouts to avoid disruptions.
- Configurable firewall zones, traffic rules, MAC filtering, and URL filtering, ensuring secure network management.

### **5. Monitoring and Reporting**

- Detailed real-time monitoring of RF stats, WAN health (latency, jitter, packet drops), and SIM signal strength.
- Zero Touch Provisioning (ZTP) support for easy and seamless device onboarding.

### **6. VPN Management**

- Separate dashboards for VPN client and server management.
- Support for Layer 2 and Layer 3 VPN tunnels with real-time monitoring of VPN data usage.

### **7. Security & High Availability**

- Support for two-factor authentication to ensure secure access.
- All communications between hub and spokes are encrypted to ensure maximum security.
- High Availability (HA) and Disaster Recovery (DR) support to ensure uninterrupted network services.

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## **Benefits:**

### **1. Simplified Multi-Site Management**

- Manage thousands of sites from a centralized platform, with hierarchical grouping for more intuitive organization.

### **2. Real-Time Monitoring**

- Get real-time data on device status, network health, and VPN performance, ensuring proactive troubleshooting.

### **3. Flexible Configuration Options**

- Apply global configurations to multiple devices and sites with the ability to customize alerts, firewall rules, and profiles for individual devices.

### **4. Enhanced Security and Compliance**

- Role-based access control, two-factor authentication, and encrypted communication ensure security across the network.

### **5. Scalable for Growing Networks**

- Whether managing a few or thousands of devices, PI-CONTROL scales seamlessly, making it ideal for businesses of all sizes.

#### **6. Automated Provisioning**

- With **Zero Touch Provisioning**, deploying and configuring edge devices is quick, reducing setup time and complexity.

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#### **Reports Available:**

- Data Usage Reports
- Device Health Reports
- WAN Health Reports
- Link Status Reports
- RF Status Reports
- VPN Reports
- Firewall & Security Reports

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**PI-CONTROL** by Piscis Networks is the ultimate centralized SD-WAN Network Management System, offering unparalleled control, security, scalability, and efficiency for organizations looking to manage their edge and hub devices across multiple sites.

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For more details, visit: **[www.piscisnetworks.com](http://www.piscisnetworks.com)**

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