cnMaestro

cnMaestro is Cambium's next-generation Network Manager and Wi-Fi Controller. Built from the ground up, it provides secure, end-to-end network and wireless lifecycle management, including device onboarding, monitoring, troubleshooting, operations, and maintenance. By offering full visibility across the entire network, cnMaestro greatly simplifies the administration of all infrastructure devices.

PRODUCT DETAILS

Deployment
- Cloud-Hosted Web Portal
- Customer-Hosted VMware OVA
- Browser-Based Web UI

Visualization
- Full Visibility Across Network
- Supports ePMP™, cnPilot™, PMP, cnReach™
- Multiple Product Views
  - Access and Backhaul View
  - Wireless LAN View
- Hierarchical Device Tree
- Device Aggregations
  - Network, Tower, Site, AP Group
- One year analytics storage (2.2.0)

Monitoring
- Inventory Table
- Dedicated Device Dashboards
- Statistics and Trending
- Stateful Alarms, Alarm History, Events

Data and Reporting
- Statistics Reports Exported in CSV
- RESTful Monitoring API
- Export Tables in CSV or PDF

Administration
- Multiple Administrators (up to 10)
- Role-Based Access
- User Session Management

Onboarding and Provisioning
- Zero-Touch Onboarding
- Template Configuration (ePMP, PMP)
- Object Configuration (cnPilot)
- Automatic Synchronization (cnPilot)
- Bulk Software Update
- Scheduled Software Upgrade (2.1.0)
- Sector Backup/Restore (2.3.0)

Wi-Fi Controller
- Branded Guest Access Portal
- Social Login and SMS Authentication
- Access Vouchers
- PayPal Payment Gateway
- GRE Tunneling

Wi-Fi Management
- Simplified Wireless LAN View
- AP Group and WLAN Configuration
- Site Support for Co-located APs
- AP Group and Site Dashboards

Troubleshooting and Forensics
- Tower-to-Edge View
- Technical Support Dump
- On-Device Networking Tests
- Wi-Fi Packet Capture

Security
- Communication over SSL
- No Inbound Internet Access
- Not In Traffic Path (GRE exception)

CNMAESTRO™ FEATURES

Multiple Deployments
- Cambium Cloud
- On-Premises VM

Tailored Views
- Access and Backhaul
- Wireless LAN

Tight Integration
- ePMP, PMP, cnReach
- cnPilot Home/Enterprise

Flexible Monitoring
- Hierarchical Dashboards
- Statistics and Trending
- Maps and Map Modes

Data and Reporting
- CSV Reports
- RESTful API
- Table Export in PDF

Wi-Fi Controller
- Guest Access Portal
- Payment Gateway
- GRE Tunnels
- Site Aggregation

Provisioning
- Device Configuration
- Software Update
- Zero Touch Onboarding

Troubleshooting
- Tower-to-Edge View
- On-Device Tests