

# 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