



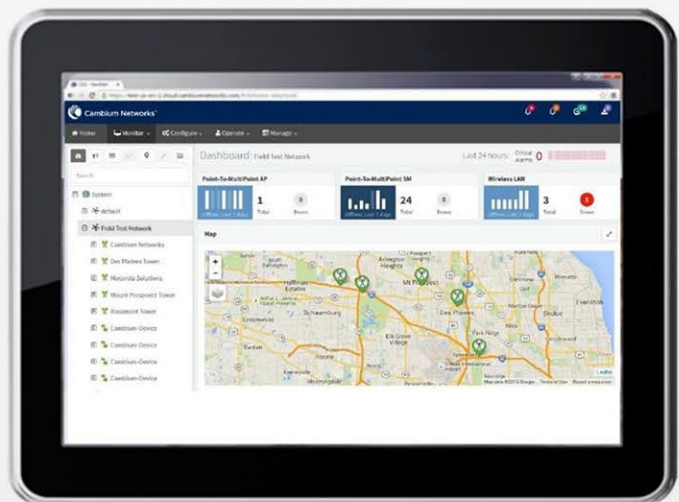
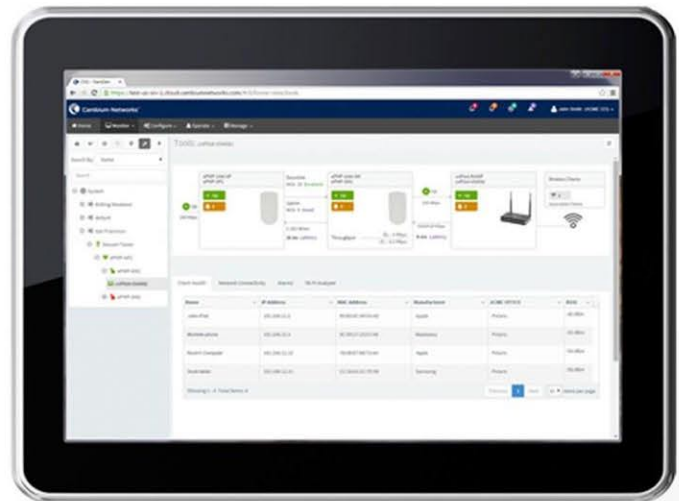
## cnMaestro™

cnMaestro™ is a cloud-based or on-site platform specialised for secure, end-to-end network lifecycle management: inventory management, device onboarding, daily operations, and maintenance. The cnMaestro wireless network manager simplifies device management by offering full network visibility.

Network operators can have a real-time view of their complete end-to-end network and perform a full suite of wireless network management functions to optimise system availability, maximise throughput, and meet emerging needs of business and residential customers. In addition, the cnMaestro wireless network manager collects and displays compliance with service level agreements.

Wireless service providers and enterprises need an easy to deploy management system that enables them to efficiently manage and grow their network. Cambium Networks cnMaestro management platform is tailor made to simplify management of your Cambium network.

The cnMaestro platform is available in the cloud and is deployable on premises, built from the ground up for secure, end-to-end network lifecycle management, inventory management, onboarding devices, daily operations and maintenance. By offering full visibility across the entirety of a network, cnMaestro greatly simplifies management of all network devices.





## Managing it all

With vast scalability, cnMaestro has a full set of features targeted to simplify management of Cambium Devices.

### Full Visibility Across the Network

- Single pane of glass to manage an entire network, including back haul point-to-point (PTP) links, point-to-multipoint (PMP) access and Wi-Fi.
- Dedicated dashboards for each device, with common and centralised upgrade and device configuration workflows to minimise the learning curve for network managers.

### Client End-to-End Wireless Troubleshooting

- One-click functionality reveals the entire chain of network nodes under management, related to the problem area, displaying the results of performance and latency tests, as well as sub-system level health checks on a single screen.
- Managers will see network elements on Google maps that may be causing issues and determine timely solution.

### Wi-Fi Controller

- Define device configurations in advance and have them automatically applied at the time of installation.
- Ensure large networks are kept up to date by easily managing software upgrades and configuration changes.

### Frictionless Deployment

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### Power of Secure Cloud

- Access cnMaestro quickly from wherever you are using secure HTTPS. No need for VPN connections.
- The cloud management system always has the latest updates and the latest device software is always at your fingertips.
- Easily scalable, no need for up-front hardware expense with cnMaestro cloud, no need to deal with the complexities of server management and deployment.

### Designed for Wireless

- Many ways to view your wireless network data including maps, tables and historical charts to quickly assess a single device or an entire group.
- Wireless parameters and statistics are automatically available enabling operators to focus on designing and growing their network, not their management system.



## Detailed Features

cnMaestro is a full-featured network management system. The features will continue to be enhanced and extended over upcoming releases. The functionality in cnMaestro includes the following:

### Hierarchical Dashboards

Visualise your devices from tower to edge with customised dashboards for each device type.

### Advanced Troubleshooting

Display tower-to-edge status in a single graphic, view Wi-Fi client details and health, and troubleshoot client connectivity directly on the AP.

### Notifications

View immediate status with alarms, and troubleshoot customer issues by filtering on alarm history and reviewing events.

### Device Inventory

Access your devices at the system level, or by network, tower, or sector. Device data can be exported in PDF or CSV formats.

### Bulk Image Upgrade

Upgrade the software images in a sector or across sectors in a single job. Queue upgrade jobs during the day so they can be run in the evening, when the network is less utilised.

### GUI Wizard Configuration for cnPilot Wi-Fi Devices

Simplified configuration management leveraging a GUI wizard to configure devices and automatically identify when devices have been changed locally.

### Statistics and Trending

View historical radio and network statistics.

### Template-Based Configuration

Push configuration to single devices or to groups of ePMP and PMP devices across your network using templates.

### Maps and Map Modes

Leverage Google Maps satellite view to position your devices and visualise their health and connectivity. Change the mode of the map to graphically display various wireless key performance indicators.

### Zero Touch Onboarding

Preconfigure supported Cambium devices so they will be automatically on-boarded when provided with network connectivity.

### PMP Zero-Touch SM Onboarding

If the AP has been on-boarded to cnMaestro, the SMs under that AP will automatically be available in cnMaestro to be claimed and on-boarded.

### Multiple Administrators

Invite colleagues by email to manage the devices in your organization's cnMaestro account.

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### Why Rising Connection is using equipment designed and built by Cambium Networks?

- High quality and worldwide longevity track record of installations across a diverse application base
- Using establish world best practices in design and materials with full support of both Australian and International Standards
- Constant evolution of hardware and improvements in firmware for the benefit of the customer
- Established interoperability with various equipment and proprietary security systems
- Full portfolio of solution development services and cloud management

**This demonstrates to Rising Connection that you will have the Quality, Reliability and Product Support.**

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