

XMS-Cloud to cnMaestro X Conversion Program

Introduction

On February 1, 2024, Cambium Networks announced End of Sale for new subscriptions of XMS-Cloud and its associated EasyPass and CommandCenter options effective May 1, 2024. Since the acquisition of Xirrus by Cambium Networks in 2019, the two companies have converged their respective enterprise networking solutions into a single offering. Wi-Fi technology from Xirrus and Cambium were converged into the XV and XE series of Wi-Fi 6/6E access points which debuted in 2020. The cnMatrix platform is Cambium's Ethernet switch solution. And cnMaestro™ X debuted in 2022 as the management platform converged from Xirrus XMS-Cloud and Cambium cnMaestro.

The XMS-Cloud end of sale/end of support cycle has the following effective dates:

- **XMS-Cloud End of Sale Date:** May 1, 2024
- **XMS-Cloud End of Support Date:** May 1, 2026

Existing XMS-Cloud customers will be required to convert their systems to cnMaestro X before the XMS-Cloud End of Support date. Cambium has defined a process to support conversions with the goal of requiring the least effort and causing the least disruption to the network's operation as possible. This document provides further details about this program.

cnMaestro X Overview

cnMaestro X provides a number of enhanced capabilities for managing your Cambium network, including:

- **Single management console** of the entire Cambium portfolio: Wi-Fi, Switching, Security, SD-WAN, 60GHz, Fixed Wireless
- **X Assurance AI-based analytics** that dramatically reduces problem troubleshooting and resolution times
- **Comprehensive Wi-Fi access and captive portals**, including paid access options and Personal Wi-Fi with site-wide roaming
 - All access portals will be branded under the EasyPass name in an upcoming cnMaestro X release
- **Assists network health** monitoring and security audit to proactively identify security vulnerabilities and misconfiguration issues

cnMaestro X includes the following features/functionality to facilitate conversion from XMS-Cloud:

- Software tools to help automate migration of AP and switch configurations from XMS-Cloud to cnMaestro X.
- Support for Xirrus APs of all Wi-Fi 5 and newer models, with the exception of X2-120 and XR-320. Note that configuration of Xirrus APs in cnMaestro X is not integrated into its graphical interface but limited to CLI/script commands. Monitoring of Xirrus APs is integrated into the cnMaestro X user interface.
- Support for all Wi-Fi 6/6E AP and cnMatrix switches.
- EasyPass support for Wi-Fi 6/6E APs for the majority of XMS-Cloud EasyPass portal types. Additional EasyPass functionality will be added in upcoming cnMaestro X releases. More details about EasyPass portal functionality differences between XMS-Cloud and cnMaestro X can be found in a table further below in this document.
- Application visibility and policy control for 2400+ applications.
- Customizable graphical reports.
- Floor plan integration for documenting Wi-Fi AP location.
- RESTful APIs.
- Cambium Care Pro software support, including all upgrades, maintenance releases, and 24x7 technical support.

Product Compatibility

The following table provides details on product compatibility for migration from XMS-Cloud into cnMaestro X:

Product Model or Series	XMS-Cloud Supported	cnMaestro X Supported	Notes
Wi-Fi 6E XE3-4 AP	✓	✓	Full configuration and monitoring support in cnMaestro X
Wi-Fi 6E XE5-8 AP	✓	✓	Full configuration and monitoring support in cnMaestro X
Wi-Fi 6E XE3-4TN AP	✓	✓	Full configuration and monitoring support in cnMaestro X
Wi-Fi 6 XV2-21X AP		✓	Full configuration and monitoring support in cnMaestro X. Not supported in XMS-Cloud.
Wi-Fi 6 XV2-22H AP	✓	✓	Full configuration and monitoring support in cnMaestro X
Wi-Fi 6 XV2-2X AP	✓	✓	Full configuration and monitoring support in cnMaestro X
Wi-Fi 6 XV3-8 AP	✓	✓	Full configuration and monitoring support in cnMaestro X
Wi-Fi 6 XV2-23T AP	✓	✓	Full configuration and monitoring support in cnMaestro X
Wi-Fi 6 XV2-2T0 AP	✓	✓	Full configuration and monitoring support in cnMaestro X
Wi-Fi 6 XV2-2T1 AP	✓	✓	Full configuration and monitoring support in cnMaestro X
All cnMatrix EX1000/EX2000 series switches	✓	✓	Full configuration and monitoring support in cnMaestro X
All cnMatrix TX1000/TX2000 series switches	✓	✓	Full configuration and monitoring support in cnMaestro X
cnMatrix EX3028R-P and EX3052R-P	✓	✓	Full configuration and monitoring support in cnMaestro X
All Xirrus Wi-Fi 5 (11ac) XD/XH/XA series APs	✓	✓	Full monitoring support in cnMaestro X. Script/CLI configuration support only in cnMaestro X. No EasyPass support in cnMaestro X.
Xirrus Wi-Fi 5 XR series APs (except XR-320)	✓	✓	Full monitoring support in cnMaestro X. Script/CLI configuration support only in cnMaestro X. No EasyPass support in cnMaestro X.
Xirrus Wi-Fi 5 XR-320 and X2-120 model APs	✓		Not supported by cnMaestro X
Xirrus Wi-Fi 4 (11n) XR series APs	✓		Not supported by cnMaestro X
Xirrus XT series switches	✓		Not supported by cnMaestro X

For customers operating XMS-Cloud with EasyPass portals for managing Wi-Fi access, the following table provides details about the migration path for each portal type. EasyPass functionality is not identical between the two platforms, and in some cases is enhanced in cnMaestro X.

Important Note: EasyPass portals are not supported in cnMaestro X for Xirrus APs. EasyPass portals are supported in cnMaestro X for all Cambium Wi-Fi 6/6E APs.

XMS-Cloud EasyPass Portal Type	cnMaestro X EasyPass Portal Type	Notes
One-Click Access	Free Access Portal	Available in cnMaestro X with the following differences: <ul style="list-style-type: none"> • cnMaestro support client rate and client data quota limits • XMS-Cloud has an option to set a lockout time after session expiry
Self-Registration	Self-Registration	Available in cnMaestro X with the following differences: <ul style="list-style-type: none"> • cnMaestro support client rate and client data quota limits • cnMaestro-X has a device limit parameter
Self-Registration with Facebook login	Social Login - Facebook	Available in cnMaestro X with the following differences: <ul style="list-style-type: none"> • cnMaestro requires an ID and Secret to be entered when Facebook is enabled while XMS-Cloud does not use these fields.
Self-Registration with Google login	Social Login - Google	Available in cnMaestro X with the following differences: <ul style="list-style-type: none"> • cnMaestro requires an ID to be entered when Google is enabled while XMS-Cloud does not use this field.
Self-Registration with Sponsored	Self-Registration Sponsored	Available in cnMaestro X
Guest Ambassador	Not supported	Not available in cnMaestro X but ePSK provides similar capability
Personal Wi-Fi	Personal Wi-Fi	Available in cnMaestro X using a different implementation: <ul style="list-style-type: none"> • cnMaestro X supports Personal Wi-Fi roaming across a property by using different SSIDs between private and public areas, but with the same ePSK and VLAN. XMS-Cloud does not support roaming beyond a network of two APs. • XMS-Cloud users can create their own SSID and PSK, cnMaestro X does not support this option but rather central creation of SSIDs and PSKs. • XMS-Cloud has a setting for how long the user can access the Personal Wi-Fi network. • XMS-Cloud allows returning users to re-enable their expired Personal Wi-Fi SSID.
Onboarding	ePSK	Available in cnMaestro X using a different implementation: <ul style="list-style-type: none"> • cnMaestro uses ePSK with the user lists stored locally on the AP; XMS-Cloud Onboarding uses UPSKs with user lists stored in the cloud. • Both solutions provide the option of using RADIUS authentication, but XMS-Cloud works with any RADIUS server. • cnMaestro ePSK allows each user to be on different VLANs. XMS-Cloud users are all put on the same VLAN used by the SSID. • XMS-Cloud allows specifying when the guest session ends (end of day, end of week). • XMS-Cloud allows you to limit the number of devices per user.

XMS-Cloud EasyPass Portal Type	cnMaestro X EasyPass Portal Type	Notes
Onboarding – Self Onboarding	ePSK	Available in cnMaestro X using a different implementation: <ul style="list-style-type: none"> • XMS-Cloud uses a separate Registration SSID and a Network SSID. • XMS-Cloud provides the option for users to self-register using their email address, Google, or Azure.
Voucher	Voucher	Available in cnMaestro X
Google Login	Google Login	Available in cnMaestro X
Microsoft Azure	Microsoft Azure	Available in cnMaestro X
SAML SSO	Not supported	Not available in cnMaestro X
Not supported	Paid (PayPal, QuickPay, etc.)	Not available in XMS-Cloud

Program Process

The process for converting XMS-Cloud to cnMaestro X subscriptions is as follows:

1. Create a Cambium account at cloud.cambiumnetworks.com if you do not already have one and sign up for a 90-day cnMaestro X trial.
2. Onboard several devices (Wi-Fi APs, switches, etc.) to cnMaestro X and verify your management use cases and requirements are met by the current release.
3. When you are ready to start a conversion, submit a request by filling out this form on the Cambium Support Center: [Submit a Request](#). Then in the Subscription Platform drop down, select “XMS-Cloud Conversion to cnMaestro X”. Enter your CAMBIUM ID (located at the upper right of your cnMaestro dashboard) in the “Asset/MSN/Serial Number/Slots” text box.
4. The Cambium Renewals team will process the request as follows:
 - If the subscription term remaining on XMS-Cloud is >15 months, Cambium will create subscription slots in cnMaestro X with the same count and equivalent type as in XMS-Cloud for the assets to transition. Expiration dates for the slots in cnMaestro X may differ from those in XMS-Cloud due to co-terming however the total equivalent term will be provided.
 - If the subscription term remaining on XMS-Cloud is <15 months, a quote for cnMaestro X subscriptions will be issued for those assets. The options for subscription term will be with 1-, 3-, or 5-years depending on the product type as follows:
 - For Xirrus APs:
 - If XR series, a 1-year cnMaestro X subscription is the only option.
 - If XD, XH or XA series, 1- or 3-year cnMaestro X subscriptions are the available options.
 - For Wi-Fi 6/6E APs or cnMatrix switches, 1-, 3-, or 5-year cnMaestro X subscriptions are the available options.
5. In the case a quote is created for assets with <15 months remaining subscription term in XMS-Cloud:
 - The quote will have an expiration date of 30 days or at the end of the current quarter, whichever is later.
 - The quote will consist of cnMaestro X subscriptions plus Cambium Care Advanced Support for the hardware to provide equivalent service to XMS-Cloud which includes Cambium Care Advanced Support in the subscription.
 - The start date of the subscription will be set to 2 weeks after the quote is issued. This will be documented and confirmed.
 - The end date of the subscription will be set to 15 months after the start date. This provides a 3-month cnMaestro X subscription term to execute the migration.
 - Once the order is placed, the cnMaestro X subscriptions will be provisioned.
6. Once provisioned, you will coordinate timing for the actual move of the assets from XMS-Cloud to cnMaestro X with Cambium Support who will provide assistance.

Program Terms and Conditions:

- Customers must convert management all assets from XMS-Cloud to cnMaestro X, not partial installations. Provisions will be made for larger customers that may expect a longer migration timeframe beyond 90 days.
- Customer must have a Cambium ID through creation of a Cambium account before executing a conversion.

Contact Information

For any questions about the process, please contact Cambium Networks Customer Support at:
<https://www.cambiumnetworks.com/support/contact-support/>