

VQ Conference Manager and the introduction of VQ DMA

Cisco's TMS is a design that's approximately 20 years old. It's a workhorse and some customers love it. Its days are numbered, and Cisco stopped active development on the platform some years ago.

VQ Conference Manager, on the other hand, is a modern architecture on a modern platform delivering modern functionality. It too is a workhorse and has become established as the natural successor to TMS. VQ Conference Manager has become a leader because it delivers the functionality customers need to host modern video conferencing services on Cisco infrastructure. At scale, securely.

VQ Conference Manager, with the introduction of Device Maintenance & Automation (DMA), is much more than TMS. This diagram provides a schematic view of the richness of functionality delivered by VQ:



VQ DMA and equivalent TMS functionality

The following table lists the DMA functionality providing TMS equivalent functionality:

Feature	Description
<u>One Button To Push</u>	<p>Schedule meetings using VQ's scheduler using either</p> <ul style="list-style-type: none"> • the VQ user interface • Outlook Plug-in • or custom applications based on VQ's API
<u>Directory Services</u>	<p>TMS-compatible, hierarchical phone books. Contemporary "labels" introduce powerful, flexible mechanisms to define and quickly filter devices into groups</p>
<u>Device Configuration</u>	<ul style="list-style-type: none"> • Configuration management functionality for Cisco CE and RoomOS devices • Define device groups to ensure the right devices are configured with the correct device configuration templates • Template Modules allow the "componentization" of templates, massive reduction of duplicated templates and reduced risk of errors
<u>Device Maintenance</u>	<ul style="list-style-type: none"> • Monitor device state (online/offline, in-call, device alarm conditions etc.) with powerful, modern, Kibana-based dashboards to drill down into what has happened and localize issues • In addition, the device maintenance dashboards introduce map-based visualizations of the deployed devices, their state and activity patterns

VQ DMA features not offered in TMS

Some of the features VQCM offers that TMS doesn't:

Feature	Description
US Department of Defence Approved Product List status	<ul style="list-style-type: none"> • Approved to be used in secure government environments
Multi-Tenancy	<ul style="list-style-type: none"> • Host multiple tenants or organizations in ring-fenced groups • Control who can see which meetings, users and Spaces
Scheduler	<ul style="list-style-type: none"> • VQ's scheduler works tightly with the CMS architecture This allows, for example: <ul style="list-style-type: none"> – Recurring Meeting sequences to be scheduled where each meeting instance has its own PIN/passcode – Or schedule Meetings on One-Time Spaces that are deleted after the Meeting completes
Powerful analytics and reporting tooling	<ul style="list-style-type: none"> • Integrated Elasticsearch database and Kibana visualization
Complete set of User self-service tooling	<ul style="list-style-type: none"> • Microsoft Add-ins and Plug-ins: <ul style="list-style-type: none"> – Enable users to manage their meetings from wherever they are or from within the tools they use
APIs	<ul style="list-style-type: none"> • A complete set of APIs with no additional license fees • Integrate with other applications or automation tooling, e.g., Room Booking and Provisioning Systems
Self-contained, virtual appliance	<ul style="list-style-type: none"> • No need to install additional databases etc., everything required by VQCM is included in the install package • Straightforward installation process and update processes • Updates include regular updates for vulnerabilities
Enterprise grade	<ul style="list-style-type: none"> • Built on RedHat Enterprise Linux • Runs on VMware

VQ DMA functionality coming next

Functionality that will release in the early Q3 2023 timeframe:

Feature	Description
User client	<ul style="list-style-type: none">• VQ Conference Manager Metro client:• A Cross-platform user interface allowing users to manage their conferencing experience• Features an integrated WebRTC video client
WebRTC SDK	<ul style="list-style-type: none">• Enhance existing applications or Websites with WebRTC video, voice or content sharing with calls hosted on your CMS infrastructure

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