

Qumu Video Control Center V10

The Next Generation of Self-Service, On Premise Enterprise Video

Overview

The Qumu Video Control Center V10 (VCC 10) is a best-in-class, on premise Enterprise Video platform used by leading organizations across the globe to create, manage, secure, distribute and measure the success of live and on demand video. The platform is recognized by all major industry analysts as the only choice when scalability, extensibility and reliability are critical.

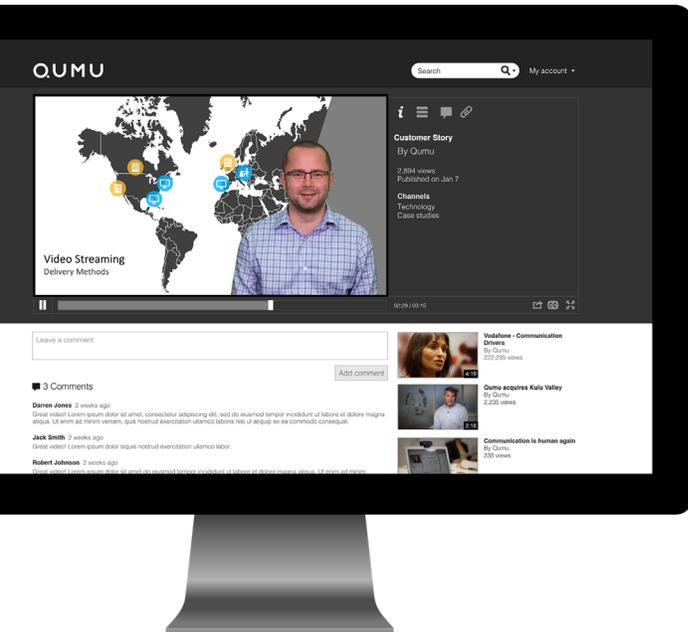
The world's largest organizations leverage the Qumu Enterprise Video platform for a variety of use cases including Self-Service Webcasting, Corporate Communications, Training and Onboarding, Employee Collaboration, External Communications, Regulatory Compliance, iPTV and Digital Signage. Qumu VCC 10 is a perfect fit for large scale enterprise environments where security and compliance are mandatory, and employee bases are large and globally distributed.

VCC 10 at a Glance

Audience Size:
Several Hundred
to 100,000+

Common Use Cases:
Executive Webcasting
Corporate Comms
Training & Onboarding
Internal Collaboration

Critical Requirements:
Security
Scalability
Extensibility & APIs
Thin Client Delivery



A True End-to-End Enterprise Video Solution

Intelligent Ingest—Create and record from any location or device including desktop, webcam, studio encoder, Video Conferencing platform, Unified Communications platform, VDI workstation and mobile device.

Content Management—Use metadata, publishing and approval workflows, folders, channels, playlists, clipping, parsing and frame / thumbnail extraction.

Intelligent Delivery—Leverage Pathfinder to configure and utilize multiple distribution methods simultaneously, to deliver the optimal video format for each user.

Comprehensive Security—Support all existing internal corporate authentication and authorization protocols, or use the Qumu-provided service to manage user authorization and access.

Advanced Analytics—Collect, analyze and display real-time network load data, and gain visibility into employee engagement and user experience for both live and on demand video.

VCC10 Key Features and Improvements



Bulk Management Tools

Administer users and content in bulk fashion, including moving users, suspending users, changing video owners and modifying video lists.



Upgraded Accessibility

Embed captions in HLS streams, and receive improved §508 and WCAG 2.0 accessibility.



Pathfinder Delivery

Use improved delivery options for content outside of the firewall including CDN options, plus optimized VCC-Video Net Edge (VNE) delivery calculations and support for VNE 6.0.



Increased Stability

Experience an even higher degree of stability due to streamlining of the core program, improved add-on connectivity, removal of deprecated functions and expanded support.



Increased Privacy

Designate collections as private working or parking spaces, and restrict access to direct URL entry.



Modernization

Receive updated support for Microsoft Windows 2016 Server, Microsoft SQL Server 2016, Akamai MSL v4.x.



Performance Improvement

Utilize concurrent video processing, and take advantage of numerous scalability and performance enhancements as well as the new HTML5 multicast player.



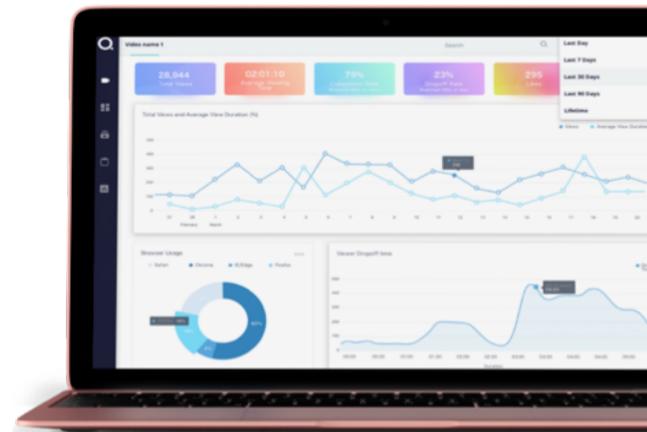
Enhanced Integrations

Leverage upgraded versions of Tomcat, Qumu Live Encoder (QLE), Qumu Quick Capture (QQC), Nexidia Speech, and Hazelcast.



Transcription and Translation

Create captions and translations for every video asset through the use of a Qumu extension, and prepare it for delivery to any end-user device in multiple languages.



Intelligent Ingest

There are a number of complex processes and workflows that must occur with video ingestion, and the Qumu Enterprise Video platform automates and intelligently encodes and transcodes video streams, indexes video for search (both by keyword and phonetic speech), processes images and slides, creates thumbnails, and routes video assets to portals and management systems based on customizable distribution rules.



Encoding and Transcoding

Bring any type of video feed into the Qumu platform, and support dozens of video formats including Apple HLS, Microsoft Smooth, RTSP, RTP Multicast, MP4, 3GP, OGG, WMV, FLV, QuickTime, MPEG (all iterations), WAV and many, many more. On the Transcoding side, support any combination of operating system, browser, viewing device, hardware confirmation, security setting and network bandwidth an end-user could require.



Comprehensive Encoder Support

Use controlled encoders to allow for pre-scheduling events, system started events, and remote control. Uncontrolled encoders allow for complete freedom to use an encoder of choice. Both options are available with all installations.



Qumu Quick Capture

Create presentations from screen capture including voice narration if desired, then enhanced by editing and adding other media, video, audio and transitions. Completed assets are automatically uploaded into the video repository with supplemental metadata.



Large-Scale Live Event Support

Support the intake and broadcast of massive, live events including executive town halls, CEO addresses, crisis communications, new product rollouts, international trade events and more.



Intelligent Videoconferencing

Augment self-service video creation and webcasting with the Qumu Unified Communications Gateway (UCG), which allows organizations to use SIP-enabled videoconferencing/ telepresence endpoints as sources for both live webcasts and on demand recordings. Enable a defined group of active presenters—like an Executive Team—to seamlessly broadcast to a large number of globally-distributed participants, and record and store broadcasts for VOD distribution at a later time. Use any videoconferencing platform like Zoom, WebEx, BlueJeans or Skype for Business to extend videoconferencing as a large-scale, large-event streaming engine.

Comprehensive Management

Whether corporate video is being accessed using a branded collaboration portal, social enterprise tool, learning management platform, CRM application, marketing automation system or mobile app, the Qumu platform can administer all back-end video content management in one place via a single interface. Qumu's industry-leading video content management makes any user an expert at editing video, creating metadata and sharing content quickly and securely, and allows the effortless deployment of video to any endpoint with no duplication of management rules.



Video System Administration

Manage all aspects of system performance through the Admin Portal. Set system configurations, user authorizations, resource controls, delivery options, programming controls, and more to maximize the end-user experience.



Real-Time Performance Dashboards

Continuously monitor the status of the delivery network through a visual display that shows the condition and load on all of delivery nodes. Drill down to obtain additional information about any edge, and review current and recent performance.



System and End-User Analytics

Choose from numerous individual or grouped reports that detail the performance of both live and on demand video assets—from both a network performance and user engagement perspective. Or, create fully customized reports to support both current and future individual and business needs.



Content Discovery

Automatically extract metadata from loaded video files, add additional metadata manually, and create and populate custom metadata fields. Automatically prepare content for streaming to a multitude of devices, different browsers, and different connection qualities.



Indexing and Searching

Search across a fully indexed video repository using title search, automatically generated metadata, and user-added metadata. Or search deeper using Speech Search (Phonetic Search) or Speech to Text—an AI-enabled process which automatically converts audio to a searchable transcript.



Security

Utilize extensive security that includes portal access control, and roles and granular permissions for protecting videos from unauthorized viewing or distribution. Authentication methods include SAML, OAuth, LDAP, and AD.



Self-Service

Enhance video presentations by trimming, synchronizing with slides, adding navigation chapters, and adding captions and annotations. Organize content into personal channels, or collaborate on content through enterprise-wide or team channels.



Individual Streaming Control

Give users the ability to stream directly from their own desktop or mobile device to a live audience, using common videoconferencing apps. Videos can also be recorded, managed and uploaded for later access.

Intelligent Delivery

The Qumu Enterprise Video platform provides the most diverse, flexible and robust set of solutions for enterprise video delivery available today—intelligently selecting the video delivery method that optimizes the viewing experience for each location, end-user and endpoint device. At the heart of Qumu's solution is an intelligent CDN broker known as Pathfinder, which allows organizations to simultaneously utilize any or all available live and on demand video delivery options.



Pathfinder & Hybrid Distribution

Optimize video delivery to a variety of devices having different available bandwidth, device capabilities, and network connections. Use rule groups for mapping device types, attributes, and video quality. Leverage hybrid external delivery with Pathfinder routing and CDN for optimal delivery of video to destinations outside the firewall.



Virtual Desktop

Provide secure remote access to employees by using the Qumu platform with the Citrix virtual desktop solution and others to provide special video traffic handling to minimize data center resource use and network bandwidth. Improve video quality by redirecting video directly to the endpoint rather than to the virtual desktop.



Customizable Viewer Portal

Customize viewer portals for both company and external groups. Create multiple channels on each portal together with groupings such as trending, featured, and upcoming videos—displayed with settings such as carousel, list, and thumbnail views. Customize look and feel with colors and logos, and full security controls are available for each channel and portal.



Delivery Systems

Offer multiple options for optimized video delivery across the organization via Qumu Edge technology for multicasting and multi-tiered stream delivery for both live and VOD. On-demand caching is available, and partnered solutions are available for peer-to-peer delivery. Delivery destinations include desktop, mobile, IPTV devices, Digital Signage, virtual desktop devices and more.



Usage and Engagement Analytics

Equip administrators and leaders with detailed and summary data on how content is being experienced by end users, revealing both usage trends and viewer behavior. Analytics are available across the entire video library, by video or per creator.



Live Event Moderation

Make your live events more engaging with moderated Q&A, and live polling. Also add slides, pictures, graphs and images in a side-by-side display, or replace a single main image for a period of time—all managed from a centralized Broadcast Control panel.

Extensions, Integrations and APIs

An extensive set of RESTful APIs are available for the Qumu enterprise video platform, allowing third party applications to fully interact with both systems and content. The platform currently offers integrations and extensions for video conferencing, captioning, transcription, translation, content management, user access control, system behavior statistics, user behavior statistics, content syndication, IPTV, digital signage and more. Mobile APIs are also available for enhancing and customizing the video experience outside the desktop, and access points for both administrations and users can be fully customized to meet customer requirements.

Qumu Integrations: Our Partner Ecosystem



Want to learn more? Contact us.