



Rev[®] Media Management Platform

vbrick rev v7.39

Release Notes



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About Vbrick Systems

Founded in 1998, Vbrick Systems is a privately held company that has enjoyed rapid growth by helping our customers successfully introduce mission critical video applications across their enterprise networks. Since our founding, Vbrick has been setting the standard for quality, performance and innovation in the delivery of live and stored video over IP networks—LANs, WANs and the Internet. With thousands of video appliances installed world-wide, Vbrick is the recognized leader in reliable, high-performance, easy-to-use networked video solutions.

Vbrick is an active participant in the development of industry standards and continues to play an influential role in the Internet Streaming Media Alliance (ISMA), the MPEG Industry Forum, and Internet2. In 1998 Vbrick invented and shipped the world's first MPEG Video Network Appliance designed to provide affordable DVD-quality video across the network. Since then, Vbrick's video solutions have grown to include Video on Demand, Management, Security and Access Control, Scheduling, and Rich Media Integration. Vbrick solutions are successfully supporting a broad variety of applications including distance learning and training, conferencing and remote office communications, security, process monitoring, traffic monitoring, business and news feeds to the desktop, webcasting, corporate communications, collaboration, command and control, and telemedicine. Vbrick serves customers in education, government, healthcare, and financial services markets among others. Vbrick products are manufactured in an ISO certified manufacturing facility.

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Vbrick Rev enables organizations to unleash the power of video to educate, inform and inspire employees anywhere and on any device. Its ease of use increases engagement and adoption by delivering the same consumer-grade experience employees expect from their use of video and social media sites. Customers can stream high quality live and on-demand video across their own networks using Rev's embedded eCDN capabilities, which ensure that video uses the least possible bandwidth. This document contains Release Notes for the latest version of Rev.

New Features

Feature	Description
Enhanced Video Editor	<p>Rev's video editor has been updated significantly with an improved and more intuitive layout including more precise zoom controls.</p> <p>Updates include:</p> <ul style="list-style-type: none">• New Scale and Position controls replace the zoom function• The player head now has more precise readings for the timestamp and has the ability to enter a timestamp directly• You can now download the switch stream MP4 for dual stream recordings from the editor• You can now Save as New any edits made to a video <p>See:</p> <ul style="list-style-type: none">• Understanding the Video Editing Interface
Microsoft Teams Integration Live Event Support	<p>Microsoft Teams Live Events are now supported as a source for Rev Webcasts. This leverages your current Microsoft Teams investment while using Vbrick's best in class enterprise video content management and distribution platform. Live events provide a single composite stream while meetings provide a dual stream experience.</p> <p>See:</p> <ul style="list-style-type: none">• Stream a Microsoft Teams Meeting to a Rev Webcast Event
Allow, Require, or Disable Recording	<p>Account Admins can now specify if their Rev tenants allow, require, or have event recordings disabled entirely in System Settings.</p> <p>For example, if recording is set to disabled, recording is not available for Live Events and the VCI Recording tab of the upload tray is hidden. If recording is set to required, every event is recorded unless there is an issue with the DME configuration for an event.</p> <p>See:</p> <ul style="list-style-type: none">• Configure Webcast Recording (New)
Localization Expansion	<p>Additional localization/language updates in v7.39 include:</p> <ul style="list-style-type: none">• Chinese (Traditional)• Dutch• Korean• Russian• Swedish• Turkish

Feature	Description
Additional Enhancements	<p>Other updates in v7.39 include:</p> <ul style="list-style-type: none"> • Ability to hide sharing URL on Webcast page <ul style="list-style-type: none"> - Schedule a Webcast Event (Basic Settings) • Support for showing metadata when sharing links in MS Teams • Removing the file size limit for VOD transcription (of 2 GB) • Updated wording when a Webcast ends

Issues Addressed

Issue	Resolution
Call fails if SIP connection uses G.711 audio (Rev-1160)	This issue has been fixed and G.711 audio is now supported correctly.
Unable to delete Akamai URL (AV-25123)	Corrected an issue where customer was unable to delete a DME Akamai stream when two (or more) streams had similar starting names.

API Revisions

The [Rev Developer's Site](#) contains complete details and usage examples on how to use each API. View the [Announcements](#) page for ongoing Rev API V2 updates.

API	Update Type	Description
Get Rev IQ Credit Usage	new	API addition to track how Rev IQ credits are used.
Get System Health	new	A new endpoint that checks the status of Rev health as shown on the Rev System Health page. The response should be a 200 OK unless there is a problem which is then displayed as a 503 error.
Get Maintenance Window	new	A new endpoint that returns Rev's scheduled maintenance windows (by date/time) for the current year.

API	Update Type	Description
Create Webcast Edit Webcast Search Webcasts By Custom Field/Date Range	update/new	<p>Post/Put/Get endpoints updated in support of the new event setting Show Event Sharing Link.</p> <p>A new parameter is now available that, when true, hides the webcast URL on the Webcast Landing page (both Admin and Attendee view) and on the Event Details page displayed to attendees while it is broadcasting. This option is false by default and the URL is displayed.</p> <p>A new eventAdmins array of users has been added who will be Webex Hosts and Co-hosts (called event admins in the Rev UI).</p> <p>A new moderators array that is equivalent to panelists in Webex.</p> <p>The Search Webcasts By Custom Field/Date Range endpoint has been added to allow you to query by custom field (id or name) and custom field value and/or date range to return a list of webcasts within those filtered parameters.</p>
(Bulk)Delete Webcasts Get (Bulk) Delete Webcasts Status	new	<p>New API that deletes all events for a given date range or custom field.</p> <p>Use the Get Bulk Delete Webcasts Status endpoint to check on the status of any bulk delete.</p>
Upload Video Presentation File Chapters Get Video Presentation Chapter Status	new	<p>New APIs to create video chapters with presentation file uploads (similar to creating chapters in a video with a presentation in the Rev video edit interface).</p> <p>You can also use the Get method to retrieve the status of the presentation file upload.</p>

Important Notes

Please keep the following notes/caveats in mind when using the Rev platform. If you have any questions or concerns, contact the Vbrick Support staff.

Rev API V1 End Of Life

With the introduction of the Rev v2 API, Vbrick is no longer supporting v1 with future updates.

The deadline for the Rev v1 API shutdown has been extended to April 30, 2021.

You may contact Vbrick Support if you have any questions. If you use the Rev API v1, Vbrick *highly* recommends that you migrate to v2 as soon as possible to avoid service interruptions.

Rev Cloud Specific Notes

Allowlisting and Required Rev URLs

Accessing Rev Cloud requires that customer DMEs and all end user's browsers are able to access certain Rev URLs. Some customers leverage browser, proxy, or firewall lists to restrict

URLs that can be accessed from within their environment. For those customers, along with adding your main Rev URL to the listed sites, it is important to add the data center URLs below to the Allowlist sites (or preferably add a more generic *.us.vbrickrev.com, *.eu.vbrickrev.com, *.au.vbrickrev.com Allowlist rule).

Note that your welcome e-mail will contain the main Rev URL that you use to access Rev or it may be a custom URL that you requested. Those accessing our cloud-based CDN will use something similar to *.akamai.net. Contact Vbrick Support if you have any questions.

Note which data center you are hosted in to add the sites below in addition to your main Rev URL:

North American Data Center

Used By User (Browser)	Used By DME
https://media.us.vbrickrev.com	https://media.us.vbrickrev.com
https://static.us.vbrickrev.com	https://dme-update.us.vbrickrev.com
https://northamerica.rev.vbrick.com	https://media-alt.us.vbrickrev.com
https://webexlive.rev.vbrick.com	https://vbrick-prod01-dme-logs.s3.amazonaws.com
https://rev-connect.us.vbrickrev.com	

EU Data Center

Used By User (Browser)	Used By DME
https://media.eu.vbrickrev.com	https://media.eu.vbrickrev.com
https://static.eu.vbrickrev.com	https://dme-update.eu.vbrickrev.com
https://europe.eu.vbrickrev.com	https://media-alt.eu.vbrickrev.com
https://webexlive.eu.vbrickrev.com	https://vbrick-prod02-dme-logs.s3.amazonaws.com/
https://rev-connect.eu.vbrickrev.com	

AU Data Center

Used By User (Browser)	Used By DME
https://media.au.vbrickrev.com	https://media.au.vbrickrev.com
https://static.au.vbrickrev.com	https://dme-update.au.vbrickrev.com
https://asiapacific.au.vbrickrev.com	https://media-alt.au.vbrickrev.com
https://webexlive.au.vbrickrev.com	https://vbrick-prod03-dme-logs.s3.amazonaws.com/
https://rev-connect.au.vbrickrev.com	

Rev Connect Note

You should *only* allowlist outbound connections of Rev Connect URLs if you are using Rev Connect. Otherwise, this is not required.

Browser / Video Playback Notes

- IE9 and IE10 are no longer supported browsers on Rev. Compatibility Mode settings on IE11 is supported.
- Muted Playback: If your videos and playlists are set to autoplay, be aware that they will start muted. This also applies to your Webcast events in that, when an attendee joins an event, video for the event plays automatically starting muted as a result. Users can then unmute it just as with videos and playlists.

Browser / Certificate Restrictions

In a move to improve security, Apple announced that starting September 1st, 2020 its browsers would no longer trust SSL/TSL certificates that meet two criteria: (1) issued ON or AFTER September 1, 2020, and (2) have validity periods greater than 398 days. (Additional details can be found at: <https://support.apple.com/en-us/HT211025>.) Other browsers followed suit to meet the same restrictions.

This restriction does not apply to servers with SSL/TLS certificates issued *before* September 1st, 2020. Those certificates will be honored until expiry date.

Vbrick brings this to your attention so that, starting September 1,2020, all SSL/TLS certificates requested and issued should be verified to meet this validity restriction. Specifically, this is important when you procure SSL/TLS certifications from Certificate Authorities for Web-serving devices—including Vbrick Encoders, Vbrick DMEs, and custom certificates for VBM, and On-Premise Vbrick Rev servers.