

Vbrick eCDN Solutions

DELIVER AMAZING VIDEO EXPERIENCES ACROSS YOUR ENTIRE NETWORK

Vbrick's flexible, secure, and scalable enterprise content delivery network (eCDN) solutions are designed to handle the bandwidth and latency challenges that come with streaming video on a private network.



WHAT IS AN ENTERPRISE CONTENT DELIVERY NETWORK (ECDN)?

Streaming video – either live or recorded – can easily overwhelm enterprise networks that are not designed to handle it. An eCDN is a flexible, secure, and scalable solution that solves this challenge by efficiently distributing video traffic on a private network. Without it, a unique streaming session is created every time someone clicks to watch a video. Multiply that by 100, 10,000, or more simultaneous viewers and you've got a potential disaster with a seriously slow network and a poor user experience.

VBRICK ECDN SOLUTIONS FOR SECURE, SCALABLE VIDEO DELIVERY ON A PRIVATE NETWORK

No two networks are the same, which is why multiple eCDN technologies are often needed when deploying a solution that's right for your enterprise.

Vbrick offers two eCDN solutions: Vbrick Ramp and Vbrick Distribution

- Mix and match multiple modalities to meet a range of network and security requirements for any office – from the most basic to complex
- Implement our flexible architecture within any ecosystem
- Leverage our partnership with Microsoft to enable distribution of Microsoft Teams live events
- Use the open design of Vbrick Ramp to power any video platforms that are deployed within your organization
- Take advantage of all the capabilities available with Vbrick's enterprise video platform, including the integrated eCDN

VBRICK RAMP

Vbrick Ramp is an open, universal eCDN that integrates with any video platform, including Microsoft, Webex, Kaltura, Zoom, Brightcove, plus many more. Based on your enterprise requirements, we can architect a solution to alleviate network congestion for both live and video on demand (VOD). This makes your corporate network more efficient and provides a flawless viewing experience.

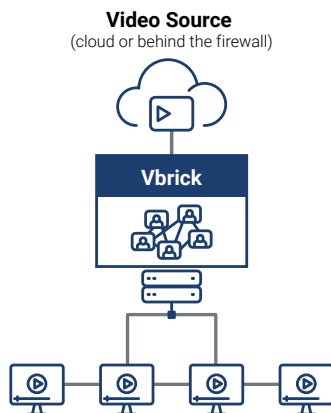
VBRICK DISTRIBUTION

Vbrick Distribution is also an open eCDN with a portfolio of native technologies that optimize live streams for internal audiences and up to 100,000 external viewers over the global content delivery network (CDN). Its tight integration with our enterprise video platform enables smart management of the eCDN, including devices, zones, software updates, and bitrates. Our technology minimizes video's impact to your network and delivers the best possible quality to your audience.

VBRICK ECDN DELIVERY OPTIONS

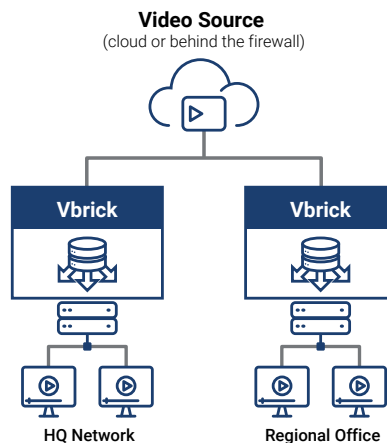
Peer-to-Peer

Vbrick's peer-to-peer offering is a WebRTC-based networking eCDN that optimizes bandwidth by redistributing video among connected viewing devices. It uses active devices to build a network of peers that share segments of video to one another.



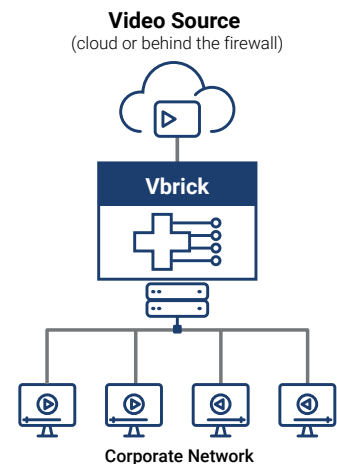
Edge Caching

An advanced video caching eCDN that supports both live streaming and video on demand delivery. Local caches serve video to nearby audiences to drastically reduce the number of streams traversing internet connections and WAN links.



Multicast

The most efficient eCDN for live video streaming. Using your network's multicast protocol, it optimally sends video streams to every viewer without using any more bandwidth than is needed for one viewer.



KEY FEATURES & CAPABILITIES

	Vbrick Ramp	Vbrick Distribution
Peer-to-Peer	●	●
Edge Caching	●	●
Multicast	●	●
Global Content Delivery Network (CDN)		●
Smart eCDN Management Through Vbrick Enterprise Video Platform		●
Universal eCDN (Integrates With Any Video Platform)	●	
Native eCDN Support for Microsoft Teams	●	
Flexible Deployment	●	●
Multiple Pricing Models	●	●
Security	●	●
Analytics	●	●

Vbrick offers a comprehensive, proprietary distribution solution portfolio to meet any of your infrastructure or business requirements. Contact us today and our expert engineers will work with you to design a network that will improve the video experience for your entire organization.

LEARN MORE

visit: www.vbrick.com/demo
or email: contactus@vbrick.com



607 Herndon Parkway, Suite 300 • Herndon, VA 20171 • USA • www.vbrick.com

©2023 Vbrick Systems, Inc. Vbrick and Vbrick Rev are trademarks of Vbrick Systems, Inc., Herndon, VA. All other trademarks are the property of their respective owners. Specifications subject to change without notice.