Vbrick Universal eCDN

DELIVER EXTRAORDINARY VIDEO EXPERIENCES TO YOUR MODERN WORKFORCE USING THE MOST VERSATILE VIDEO TECHNOLOGY AVAILABLE TODAY

Scale your message effortlessly across your network while preserving the integrity of your video.

EFFICIENT VIDEO DELIVERY REQUIRES AN ECDN

In the fast-paced world of enterprise communications, delivering high-quality video is non-negotiable, especially in high-stakes events like CEO town halls or quarterly department updates. Enterprises often grapple with network strain when streaming live or recorded video. An enterprise content delivery network (eCDN) is a flexible, secure, and scalable solution that solves this challenge by efficiently distributing video traffic on a private network. Without this optimization, each click-to-watch creates a new streaming session, potentially leading to an overloaded and slowed network with a poor user experience. This compounds when events scale to hundreds, thousands, or even more simultaneous viewers.

VBRICK UNIVERSAL ECDN: TRANSFORM THE WAY YOUR ENTERPRISE EXPERIENCES VIDEO

Vbrick Universal eCDN is the key to delivering flawless live and recorded video, transforming the future of enterprise communications. Break free from network constraints and embrace an industry-leading solution that ensures every viewer experiences video at its best.

Tap into our collection of advanced eCDN technologies — complete with peer-to-peer, edge caching, and multicast options — using Vbrick Enterprise Video Platform or leveraging its open design to build custom integrations. Vbrick Universal eCDN offers unparalleled flexibility to meet your network's unique needs both today and in the future. Rely on Vbrick Universal eCDN to scale your message while safeguarding its confidentiality and integrity. Say goodbye to network bottlenecks and hello to a new era of uninterrupted, high-quality video for all your viewers anytime, anywhere.

KEY ADVANTAGES

Tailored Solutions for Your Unique Network

Implement our flexible architecture within your network ecosystem. Choose from peer-to-peer, edge caching, and multicast options to fit your network and security requirements. Operate these capabilities independently or in unison as your network needs evolve.

Scale Your Message for Mass Audiences

Improve video distribution to accommodate various office sizes and audiences ranging from ten to a hundred thousand people. Vbrick Universal eCDN excels in delivering smooth video viewing, catering to both small and large internal audiences. Moreover, with Vbrick Enterprise Video Platform, you can extend your reach up to 100,000 external viewers over the global content delivery network (CDN).

Top-Tier Security

Ensure the highest level of security for your video content and live events with Vbrick's FedRAMP certification, SOC 2 Type II accreditation, and GDPR-compliant practices. Our encryption and access controls keep your content secure both at rest and during transmission.

Comprehensive Analytics

Gain deeper insights into system performance with comprehensive real-time and post-experience analytics. Identify potential bottlenecks, view errors, and gain detailed analytics for individual users during events, including quality metrics like buffering. Set your data retention preferences to align with your company policies on retaining event analytics.

Leverage Integrations to Gain More Value

Our integrations ensure that your organization maximizes the value of your technology investments. Vbrick Universal eCDN works with popular platforms like Webex Webinars and Microsoft Teams, including town hall. In addition, utilize our software development kit (SDK) to set up bespoke integrations with your existing video platforms.
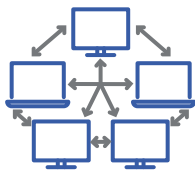
Uninterrupted Viewing for Your Entire Workforce

Delight your audience with a smoother, more enjoyable video streaming experience. Vbrick Universal eCDN mitigates network bandwidth and latency issues, ensuring enhanced and uninterrupted viewing for your audience.

OUR ECDN PORTFOLIO PROVIDES FLEXIBLE OPTIONS TO FUTURE-PROOF YOUR EVOLVING NETWORK

At Vbrick, we work to understand the unique characteristics of each network, taking into consideration its topology and varied use cases. To cater to each customer's diverse range of requirements, we provide a proprietary suite of eCDN technologies designed to optimize video delivery. Recognizing that a single solution falls short, we offer a collection of capabilities for a tailored approach to meet and exceed your unique requirements. Choose from Vbrick Peer-to-Peer, Vbrick Edge Caching, or Vbrick Multicast, or mix and match these options based on your infrastructure, audience size, or population densities per streaming location. We can tailor a bespoke solution that fits your enterprise and stand ready to assist you in fine-tuning the solution as your network needs evolve.
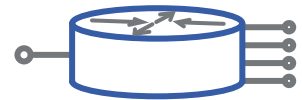
Vbrick Peer-to-Peer

Vbrick Peer-to-Peer eCDN optimizes bandwidth by securely redistributing video among connected viewers, reducing ingress bandwidth across all peers. This solution utilizes a browser-based approach and requires no downloads or installs.

Vbrick Edge Caching

Vbrick Edge Caching is an advanced video caching capability for both live and on-demand delivery. Using local and remote cooperating caches, we can optimally serve video to nearby audiences, drastically reducing the number of origin stream fetches. Caches can be located at network points with the highest need.

Vbrick Multicast

Vbrick Multicast is the best and most efficient eCDN for live video streaming. Using our Vbrick Multicast protocol and agent, you can deliver video streams to every viewer without using any more bandwidth than would be necessary for one viewer.

WHY CHOOSE VBRICK?

Transform your enterprise video delivery with a partner invested in your success. Vbrick proudly stands as the market's sole provider offering a comprehensive selection of three advanced eCDN technologies: peer-to-peer, edge caching, and multicast. Beyond technology, we build lasting relationships with customers who depend on our expertise and dedicated support. Vbrick is committed to delivering video — whether it's the CEO's broadcast or a recorded webinar — across your organization so employees stay connected.

LEARN MORE

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