Deliver Flawless Video Streaming on Microsoft Teams

UNIVERSAL eCDN SOLUTION FOR MICROSOFT LIVE EVENTS AND VIDEO ON DEMAND (VOD)

Since 2017, Ramp has partnered with Microsoft to provide enterprise content delivery networks (eCDNs) for Teams and Stream. Recently acquired by Vbrick, Microsoft customers now have access to the only universal eCDN with technologies that ensure flawless video delivery as well as video content management capabilities that complement Microsoft applications. These solutions create a better end user experience by removing network bottlenecks that cause latency issues when viewing live and on-demand video and also improve video accessibility.
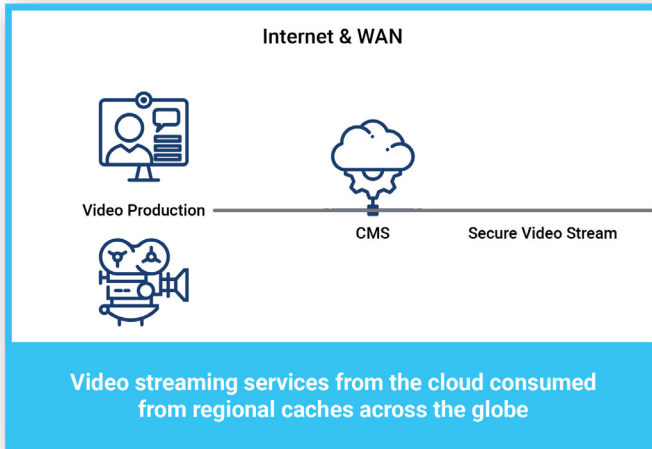
WHAT IS AN eCDN AND WHO NEEDS IT?

Where-to-work policies are still being defined by many organizations. As more people return to the office, either on a full- or part-time basis, it's critical that IT teams ensure their networks are prepared to handle the fluctuating demands of video traffic. No one wants to find out the hard way that the CEO's townhall is the same day as when a majority of the employees are in the office. For an underpowered corporate network, the result is that, at best, viewers experience latency issues and, at worst, it completely crashes.

Similar to the public content delivery network (CDN), or the internet, used for consumer streaming services, an eCDN solves this challenge by efficiently distributing video traffic on a private network. It's a flexible, secure, and scalable solution designed to handle the bandwidth and latency challenges that come with streaming live and on-demand video.
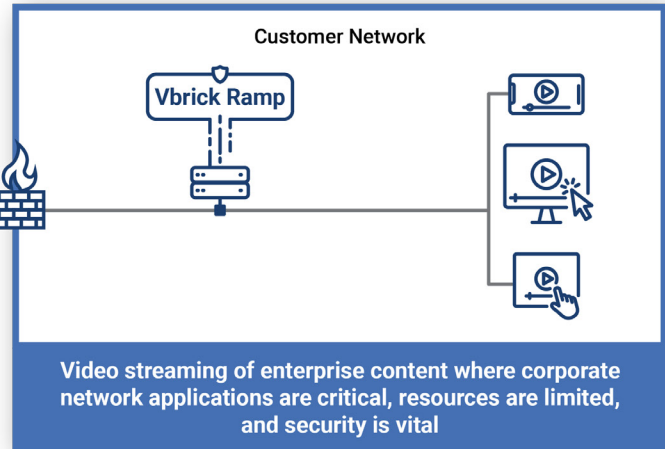
Your customers rely on Microsoft Teams for video communication.

You can rely on Vbrick Ramp to ensure they experience seamless, secure live and on-demand video streaming.

CDN

Internet & WAN

Video Production

CMS   Secure Video Stream

Video streaming services from the cloud consumed from regional caches across the globe

eCDN

Customer Network

Vbrick Ramp

Video streaming of enterprise content where corporate network applications are critical, resources are limited, and security is vital
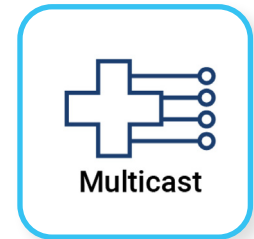
VBRICK RAMP eCDN DELIVERY OPTIONS

Peer-to-Peer

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 shares 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 the corporate network's multicast protocol, it optimally sends video streams to every viewer without using any more bandwidth than is needed for one viewer.

WHY VBRICK RAMP eCDN IS THE BEST SOLUTION

Vbrick Ramp provides the most complete eCDN technologies with the highest bandwidth savings, most deployment options, and most flexible packages.

- ◎ Only Microsoft partner that offers one universal eCDN with all three eCDN technologies: multicast, edge caching, and peer-to-peer.
- ◎ Provides flexibility to scale and evolve with multiple options that meet a range of network and security requirements.
- ◎ Streamlines and shortens the buying process by including all eCDN technologies in a single, unified pricing structure.
- ◎ Meets criteria for zero-trust environments which do not allow for peer-to-peer technology.
- ◎ Deployment options in the cloud, on premises, or in hybrid environments.

HOW VBRICK CAN HELP YOU AND YOUR CUSTOMERS

We both want the same thing for your customers: increase usage and adoption of Microsoft applications by providing better video access. The Vbrick solutions improve video experiences and ensure flawless delivery on every network, on every device, and for every use case.

- ◉ **Offers flexible deployment models.** Vbrick can be deployed in the cloud, behind the firewall, or hybrid.

- ◉ **Meets zero-trust requirements.** These security policies prohibit systems that allow lateral movement of data, which means edge caching and multicast are the best options for video delivery. This architecture is increasingly demanded across industries and will be mandated for all federal entities by 2024.

- ◉ **Complements Microsoft-owned technologies.** With Vbrick's integrations with Microsoft Teams and SharePoint, organizations can improve video experiences and accessibility while taking advantage of specialized features, such as granular access permissions, security, caching for video on demand, translations, and advanced search, that are not currently available with Stream.

WORK WITH OUR TEAM OF EXPERTS

Vbrick is here to support you and your customers along the path to architecting and deploying our enterprise video distribution technology. Contact us at microsoft@vbrick.com for more information.

About Vbrick

Vbrick is the world's leading end-to-end enterprise video platform (EVP). We provide a single, unified platform for live streaming, video content management, delivery, and analytics. With a full suite of APIs and SDKs, Vbrick complements and augments Microsoft 365 applications, fits seamlessly into an enterprise's ecosystem, and helps maximize investments in unified communications. With Vbrick Ramp, we offer a universal enterprise content delivery network (eCDN) that integrates with any video platform, including Microsoft Teams, to ensure flawless video experiences when viewing live or on-demand video.

LEARN MORE | visit: **www.vbrick.com** or email: **microsoft@vbrick.com**