



### Presentation to MasterCard

May 26, 2023



### What is Vivoh?

- Software to extend online meetings via multicast
- ☐ A Cloud Service: "Zoom DVR"
- A Proxy-Cache for Vimeo and other streaming services

Zoom Marketplace: <a href="https://marketplace.zoom.us/search?q=vivoh">https://marketplace.zoom.us/search?q=vivoh</a>

Webex App Hub: <a href="https://apphub.webex.com/search?q=vivoh">https://apphub.webex.com/search?q=vivoh</a>



## **Zoom Multicast**

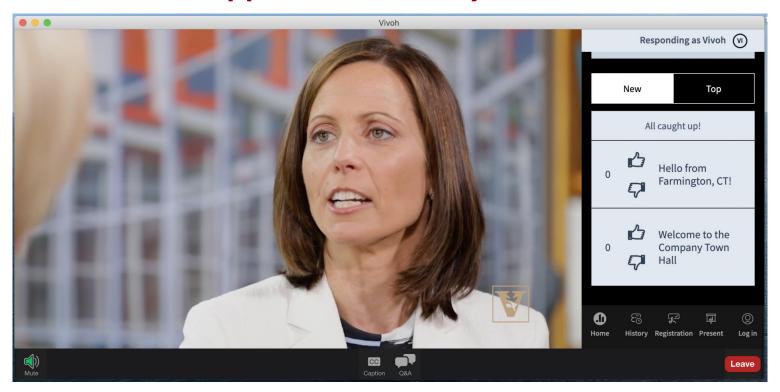
- Problem: Zoom video crushes enterprise networks
- Goal: Zoom video at massive scale (10x thousands)
- Solution: Multicast Zoom video in a Zoom-like App

Site: <a href="https://vivoh.com/multicast">https://vivoh.com/multicast</a>



## **Zoom Multicast**

### Vivoh App with Poll Everywhere Q&A





### **Zoom DVR**

- Show up late for meetings, pause live meetings, play at 2X
- Allow half-speed review for hard to understand speech
- Patent-pending security model keeps DVR data compliant

Site: <a href="https://vivoh.com/ontime">https://vivoh.com/ontime</a>

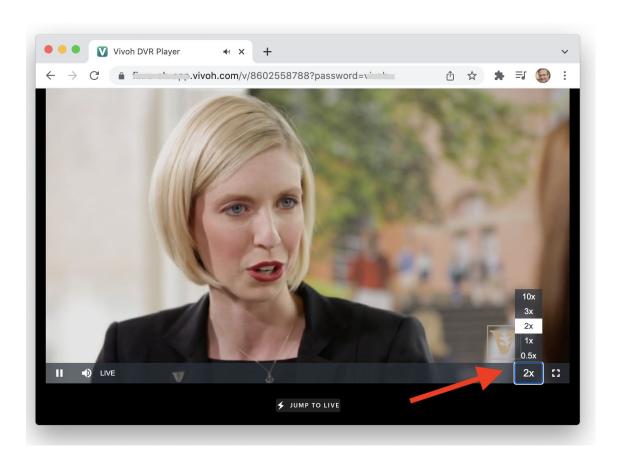


### **Zoom DVR**

#### **Pause Feature**



**Fast Playback Feature ->** 





## Vivoh eCDN

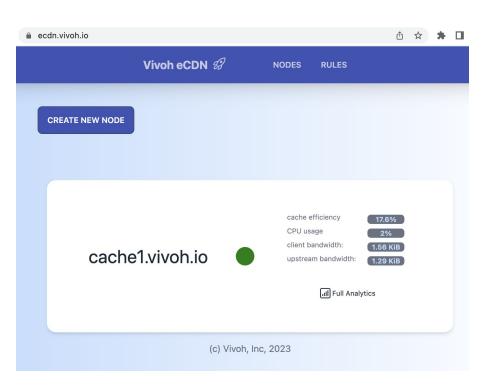
- Unicast Proxy-Cache with IP-based user request steering
- **Open source <u>core engine</u>** based upon Varnish
- Distributed as an OVA, VM, .DEB, or via Lemark Hardware

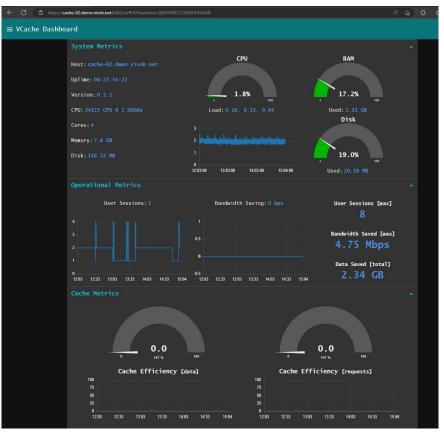
Site: <a href="https://vivoh.com/ecdn">https://vivoh.com/ecdn</a>



## Vivoh eCDN

#### **User Request Management**



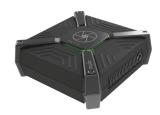




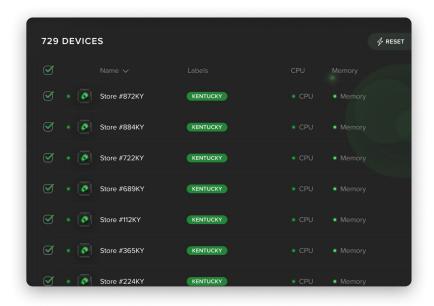


Vivoh has partnered with Lexmark to provide on premises video delivery infrastructure





- Vivoh eCDN proxy-cache software
- Lexmark-supported hardware
- Cloud-based device management



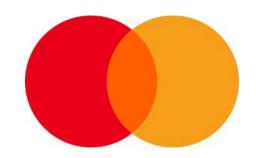
# VIVOH

### **Customers**

- Vivoh Multicast:
  - > FINRA, The Hartford, Highmark Health, NextEra Energy

- Vivoh OnTime:
  - > NEC Systems and Integration Corporation
    - Purchased two channels of Vivoh OnTime
    - **■** Deployed in their <u>Tokyo Zoom Showcase</u>
    - Wants to resell Vivoh to Hitachi and other





### **Thank You!**

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