La importancia de la escalabilidad en los nuevos codecs de VC

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1. Escalabilidad: Soluciones infinitamente grandes
Caso CERN

2. La importancia de la extensibilidad (SDJ & APIs)

3. La importancia del SVC en WebRTC VP9 y H.265

1. Caso CERN Dashboard online en vivo

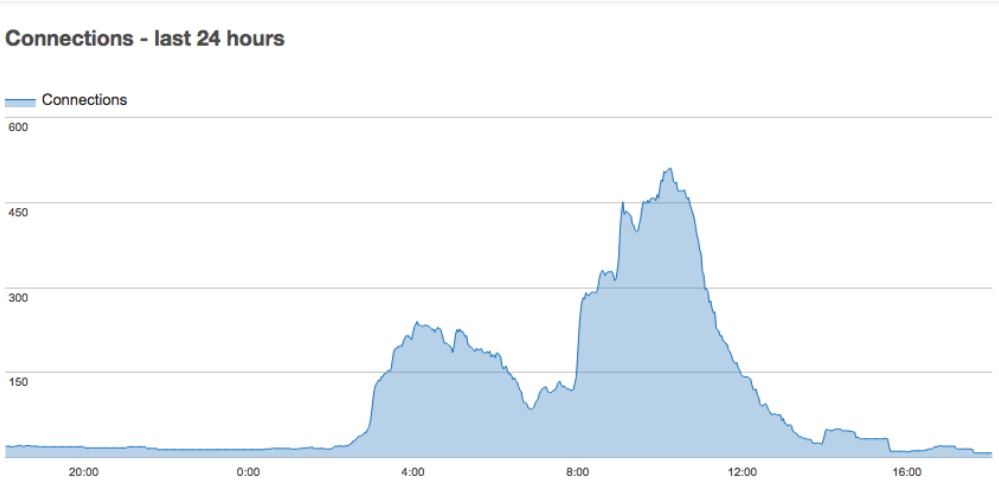
http://avc-dashboard.web.cern.ch/Vidyo

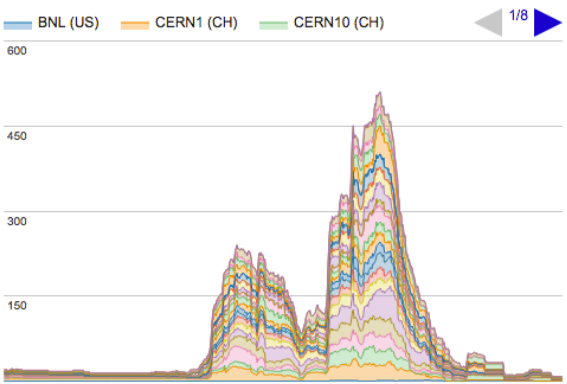
8

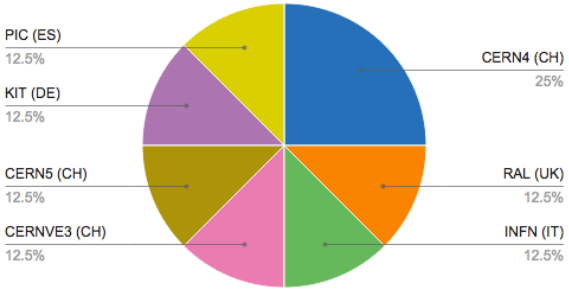
active connections

510

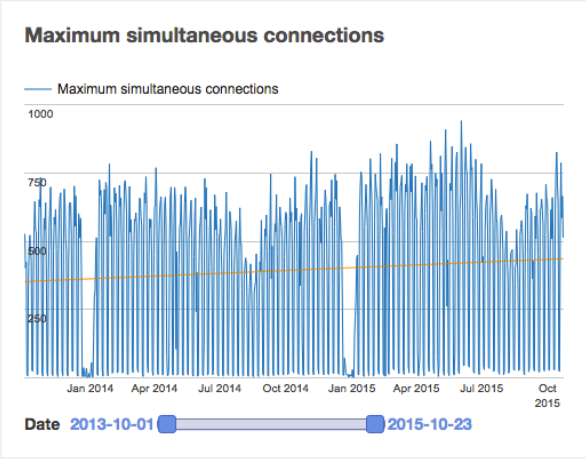
peak connections last 24h

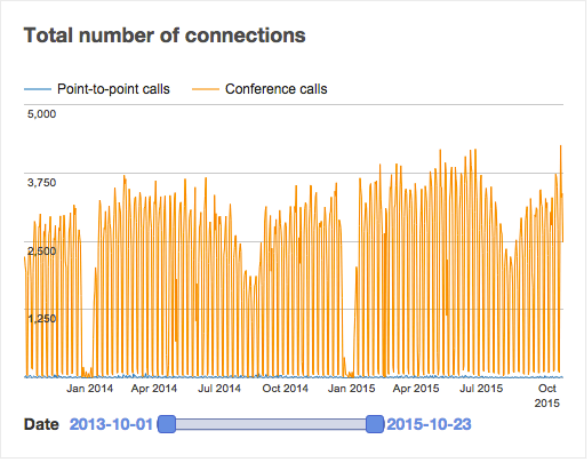


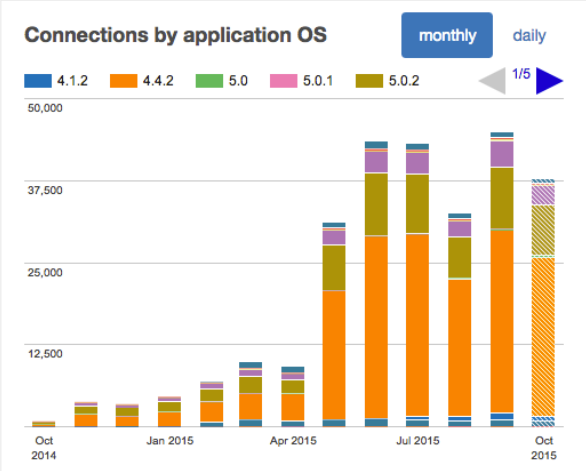


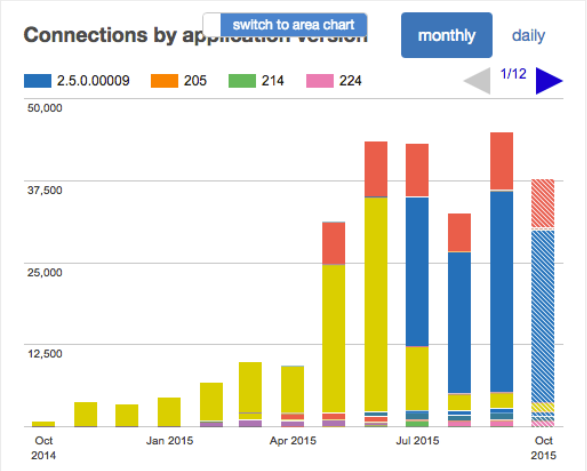


Connections





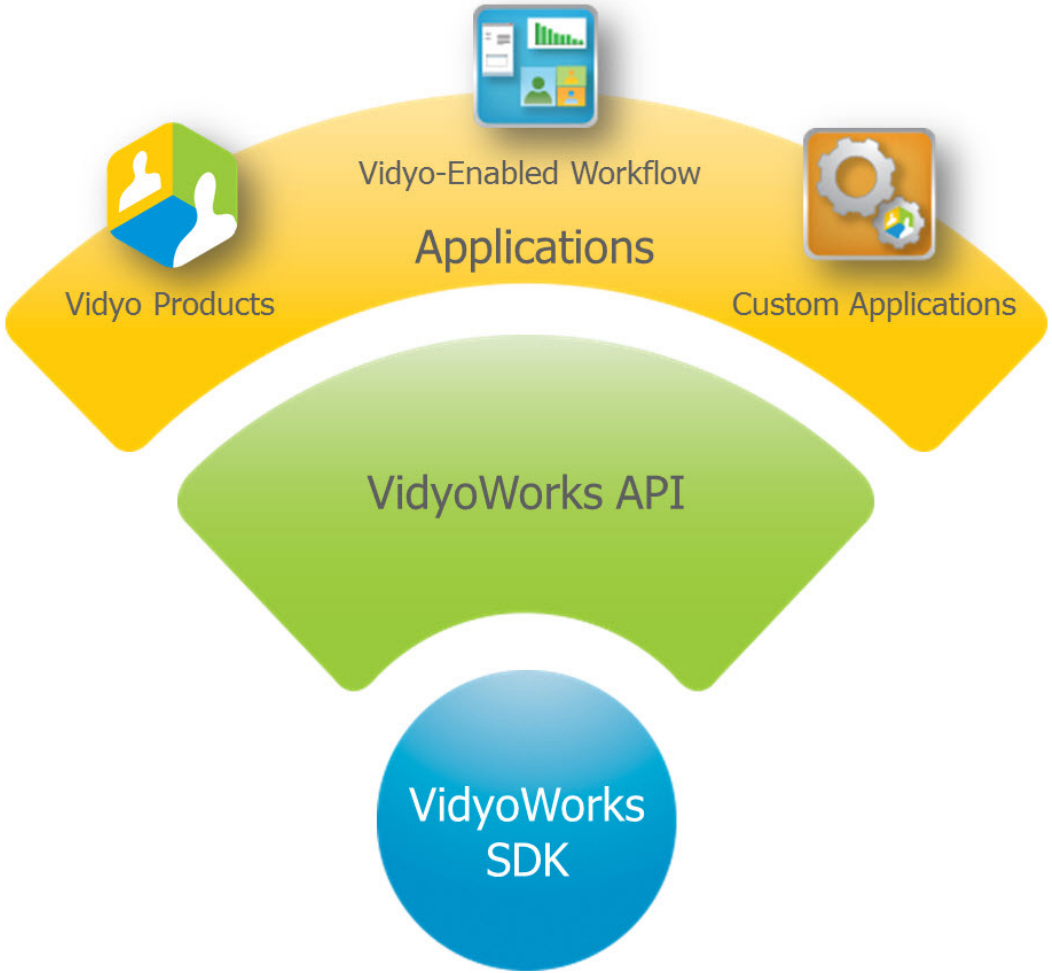




2. La importancia de la extensibilidad (SDK & APIs)

Vidyoworks

Colaboración personalizada



VidyoWorks™: Visually Enable Any Application at Scale

Meeting the requirements for visual communications today & beyond

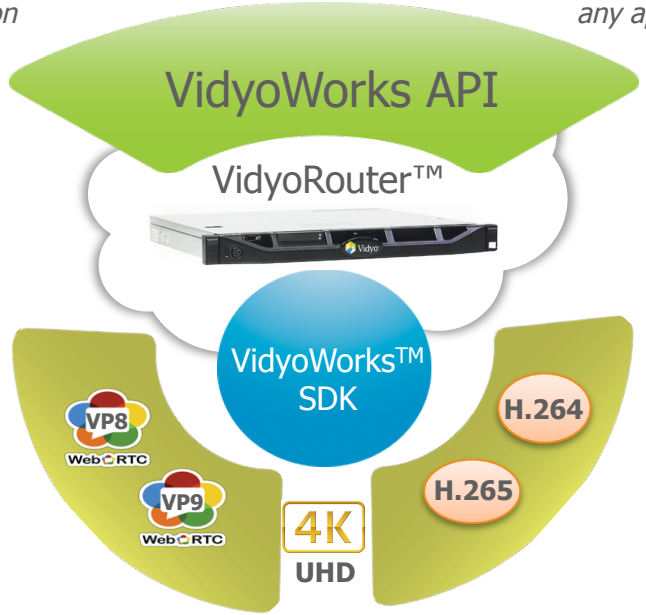
VidyoConferencing™
Enterprise Communication & Collaboration

Customer Engagement
Client Acquisition & Retention

Workflow Integration
Trading systems, Loan Management

Custom Apps
Real-time video inside any application

Internet of Things
Kiosks, wearables, appliances, etc.



Broad Accessibility
(devices and networks)

Affordable

Integration with APIs

Quality at Scale

3. La importancia del SVC en WebRTC-VP9 y H.265-SHVC

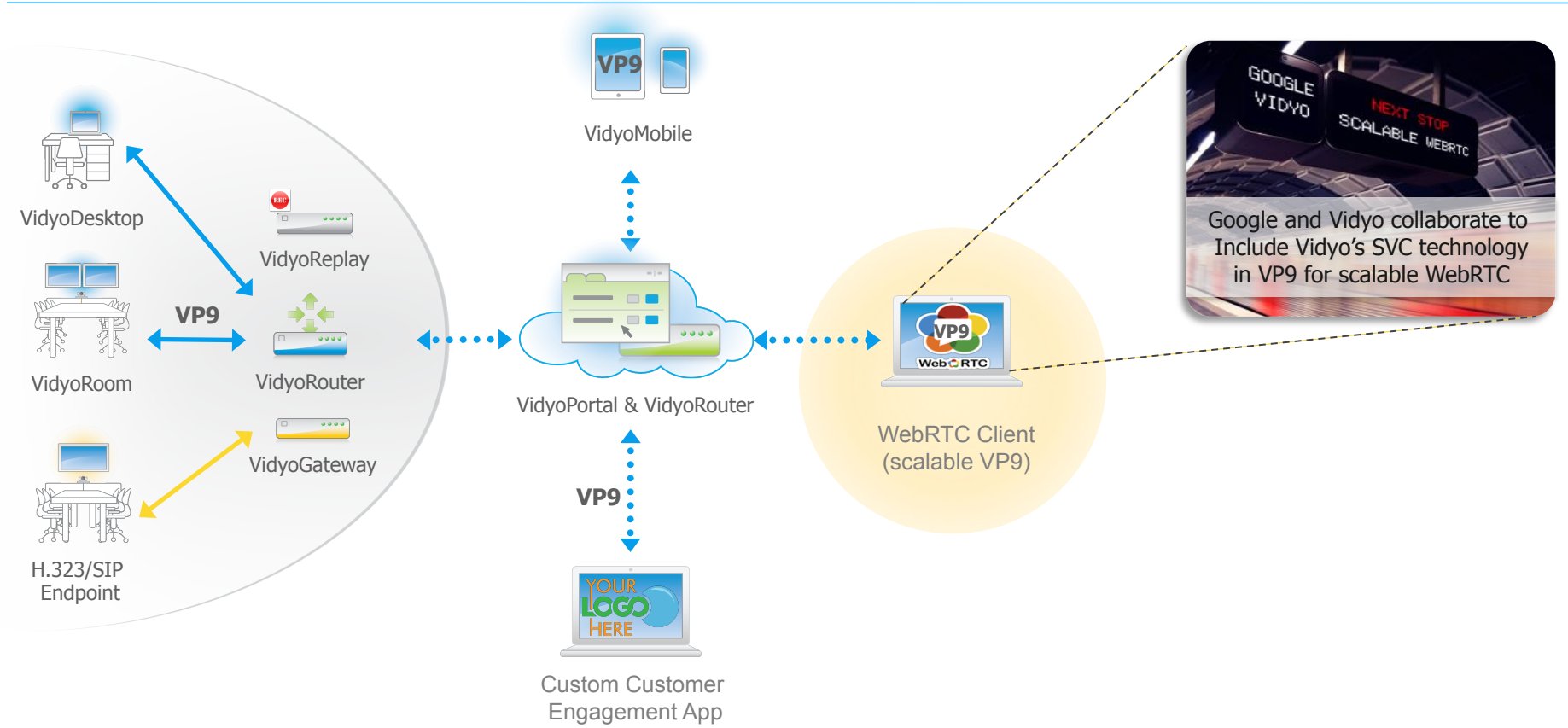
VidyoWeb™ 2.0 - WebRTC

No installation browser access

- Video, audio and content collaboration within Google Chrome and Mozilla Firefox without plug-in
- View content shared in a Vidyo conference on any web browser enabled device
- Ability to upgrade at any time to native Vidyo experience with browser extensions or VidyoDesktop™

VidyoWeb™ 3.0 - VidyoRouter Support for Scalable VP9

Natively switched WebRTC clients for maximum quality and scalability



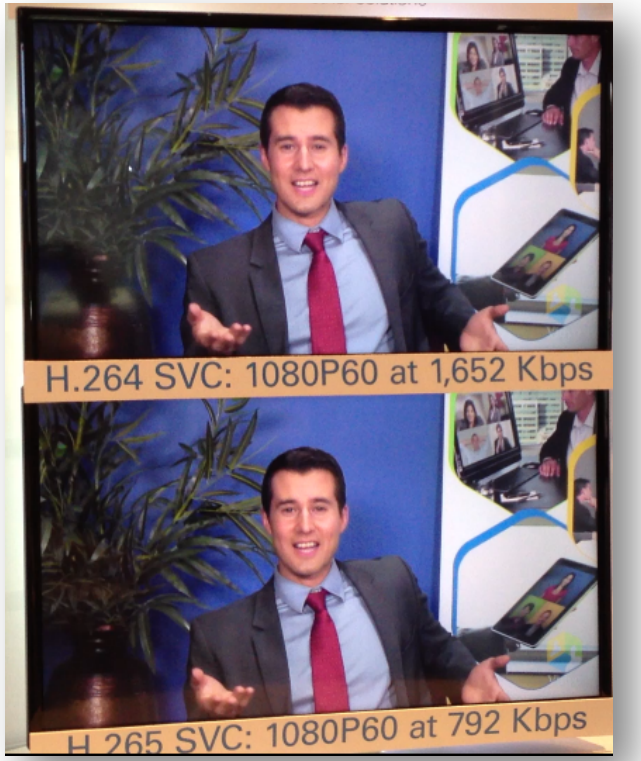
VidyoWorks Delivers WebRTC & Better Solutions

Native WebRTC for Convenience, Vidyo Browser Extension for Performance

	VP8 WebRTC	Vidyo Extension	VP9 WebRTC
No installation (for supported browsers)	✓		✓
Availability	✓	✓	Future
No client cost	✓	✓	✓
API for integration into web apps	✓	✓	✓
Interoperability with legacy voice and video	✓	✓	✓
Reliable Performance over Internet/Wireless		✓	✓
Scalable Multi-party Conferencing		✓	✓
Available Across All Major Browsers		✓	

Table 2: Comparison of in-browser communications approaches using the Vidyo platform

Scalable H.265 (SHVC)

Similar quality at half the bit rate of H.264 SVC

- Next generation codec for similar quality at half the bit rate
- Software upgrade to existing Vidyo infrastructure
- Out-of-the-box dynamic adaptation, error resilience, rate matching, error localization via patented VidyoRouter™