Agenda

• OVCC Background
• Problems addressed
• New Challenges/Environments
OVCC - Open Visual Communications Consortium

- Interconnect
- Profiles
- Signaling
- Media
- Encryption
- Addressing
- Directory
- Use Cases

- Interop test Plan
- SBC, MCU, EP
- Process and Logistics
- UNH Lab agreement

- Interconnect template
- Operations – support
- On-boarding

- Drive SP Sales
- Events
- Website
- Whitepapers etc.
Interop Testing
Operations

- Service coordination

Provider Service Assurance Support Model

- Bi-lateral Interconnect Templates for MSP’s
- Network Interconnect Template for NSP’s
Future/Open: Collaboration Landscape

- Software Client
- HW endpoint
- Embedded Tech (webRTC)
- Mobile app
- Embedded mobile OS capability
- Browser

- Microsoft Lync/Skype
- Cisco
- Google
- Polycom
- Apple
- Standard Video
- Others

- Access-Net1-Net2-Net3?-Access
- Fixed w/ QoS
- Internet
- Mobile 3G/4G/5G
- On demand QoS
- PSTN
- Access Networks
  - wifi, Ethernet
  - Satellite, DSL, Cable, other

- Multipoint conference
- IM
- Presence
- Content/Desk share
- Video
- voice

- Encrypt
  - TLS, SSL
  - CA, Key exchange
  - none
- Signaling Protocol (SIP, H323, websocket)
- Codec/SDP
- IP, PSTN, other
- UDP/TCP port multiplex
- https tunneling

- Persistent Virtual workspace
- CEBP
- Native Integration into OS
- Different Devices
- Open spaces

- Manual Signup Portal
- Direct Sales
- Auto Service Creation

- Environment specific
- Facebook
- Linked In
- Skype
- Etc.

- CPU
- Memory
- Storage
- Bandwidth
- Appliance Resources
- Geographical Location
- Space, Power, AC…
- Flexible Agile Resource allocation
- OS

- Workspace
- Endpoint
- Service Creation
- Feature
- Directory
- Environment
- Transport/Session
- Resource
- Network
- Resource
- Transport/Session
- Environment
- Directory
- Feature
- Service Creation
- Endpoint
- Workspace

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What’s Next?

• The collaboration world continues to evolve and change
  – New cloud players
  – New technology (codecs, more proprietary not less, delivery models)
  – New “virtual workspace” view of the world

• Network world continues to evolve and change (NFV, SDN, etc)

• Customers are changing
  – Millennials making workforce younger but baby boomers are retiring later
  – New mixed with old physical workspaces

• Collaboration capability + Network + Interop + Service delivery remains pertinent.