

i3forum

UC, OVCC, and what's next

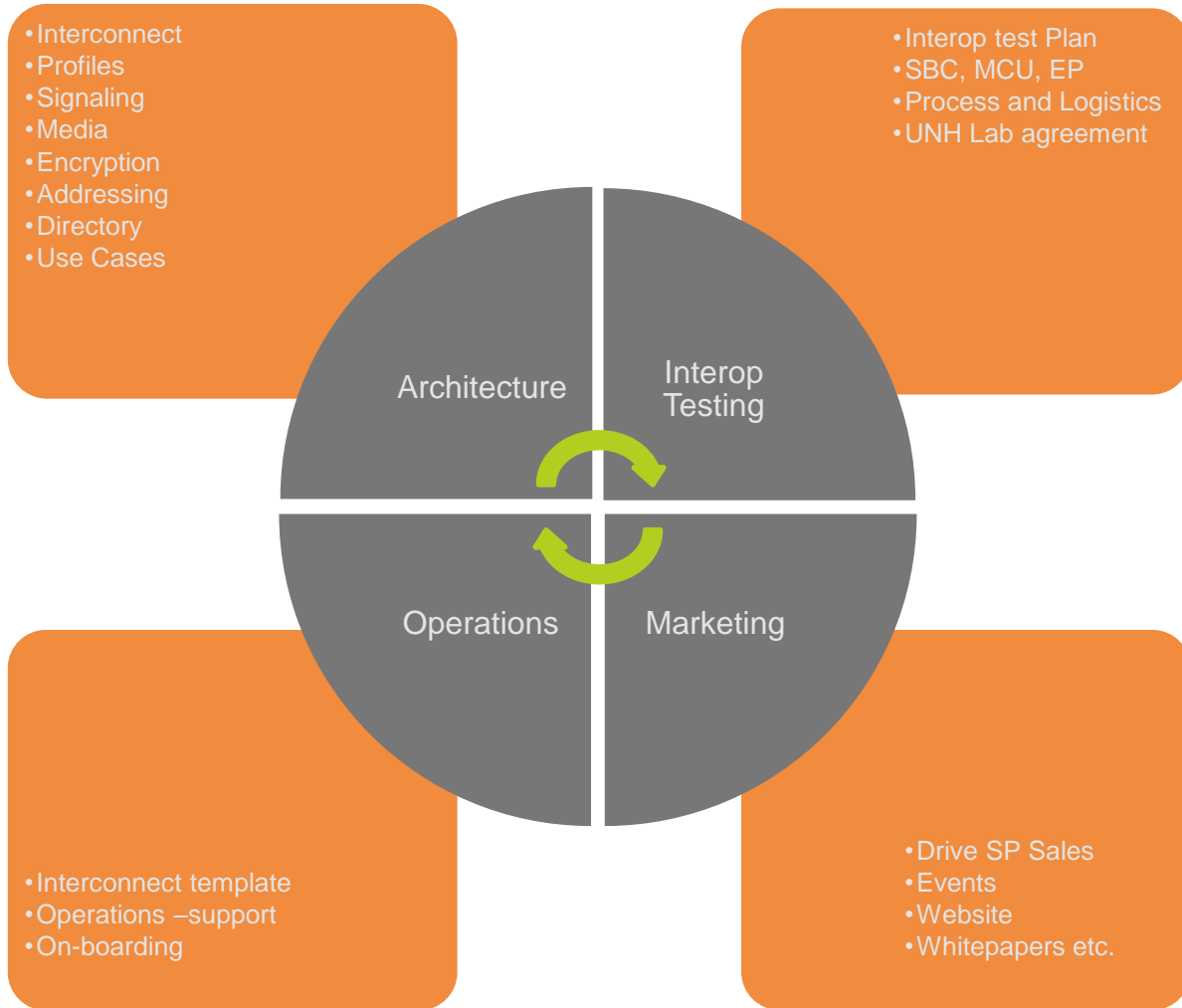


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May 2016

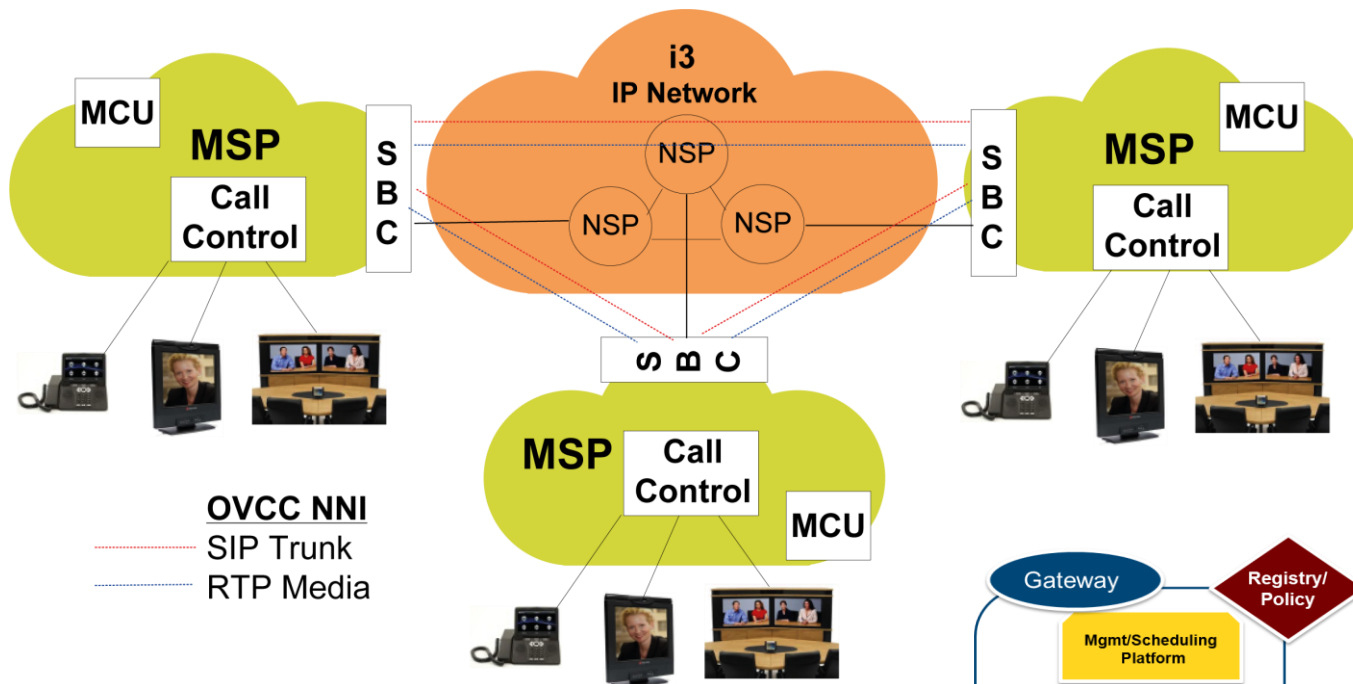
Agenda

- OVCC Background
- Problems addressed
- New Challenges/Environments

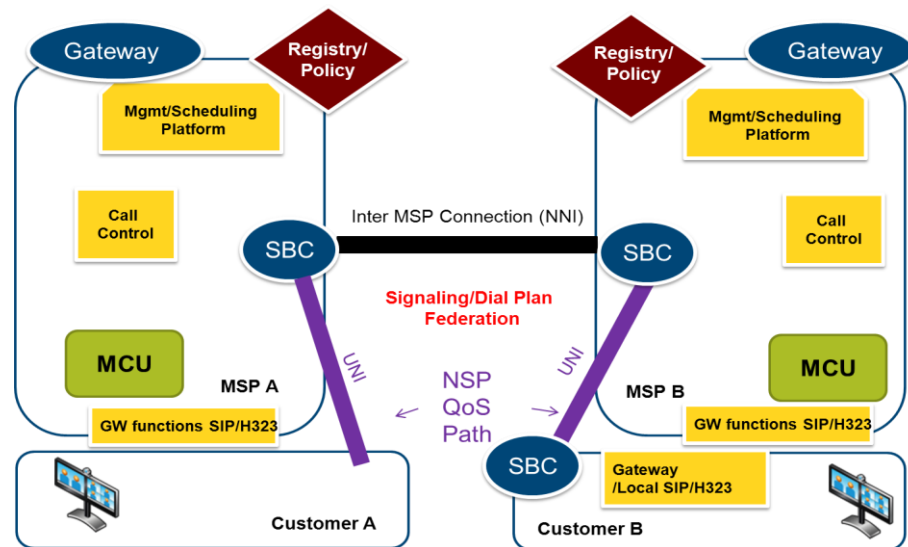
OVCC - Open Visual Communications Consortium



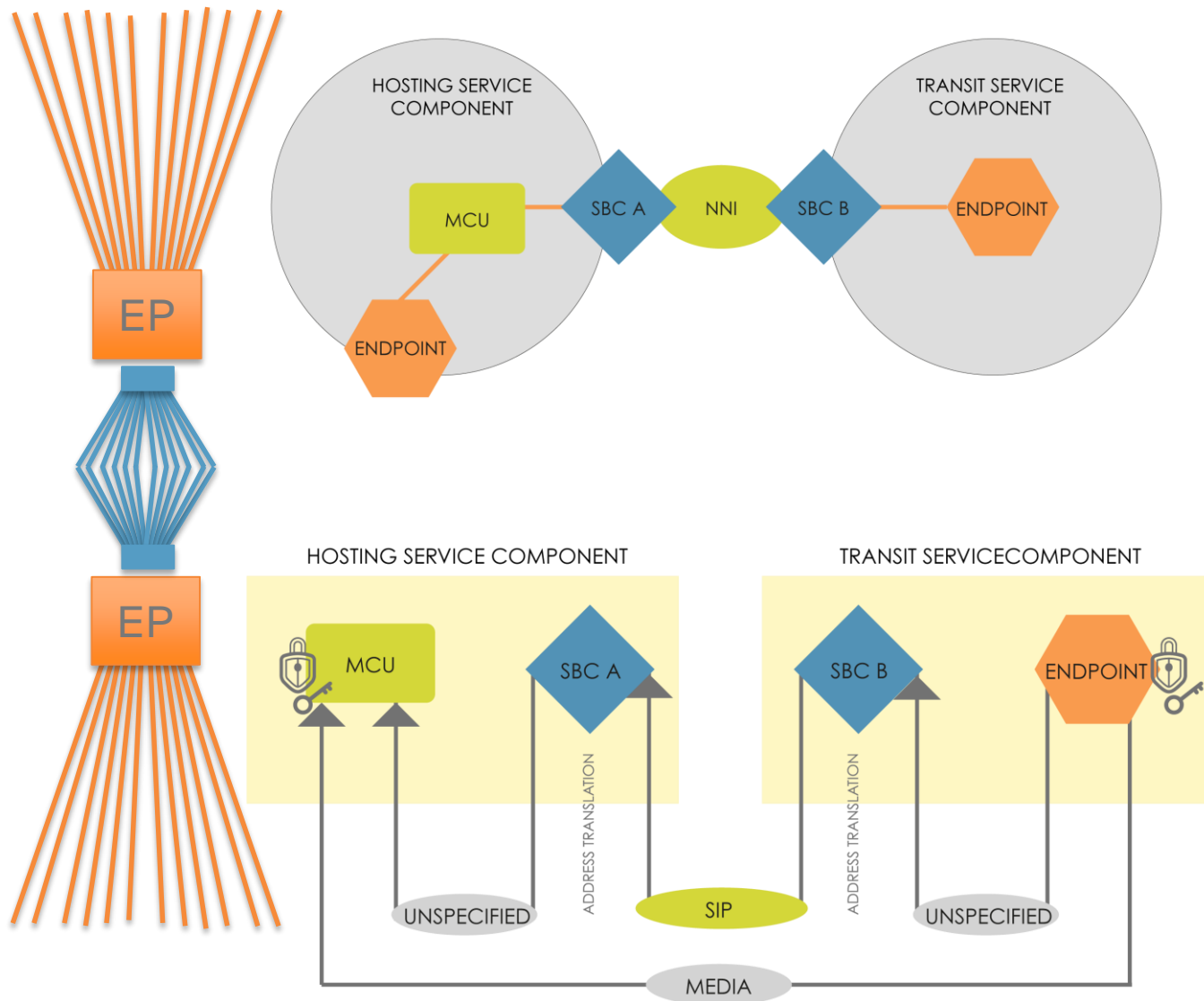
Architecture



OVCC NNI
 - - - SIP Trunk
 - - - RTP Media



Interop Testing

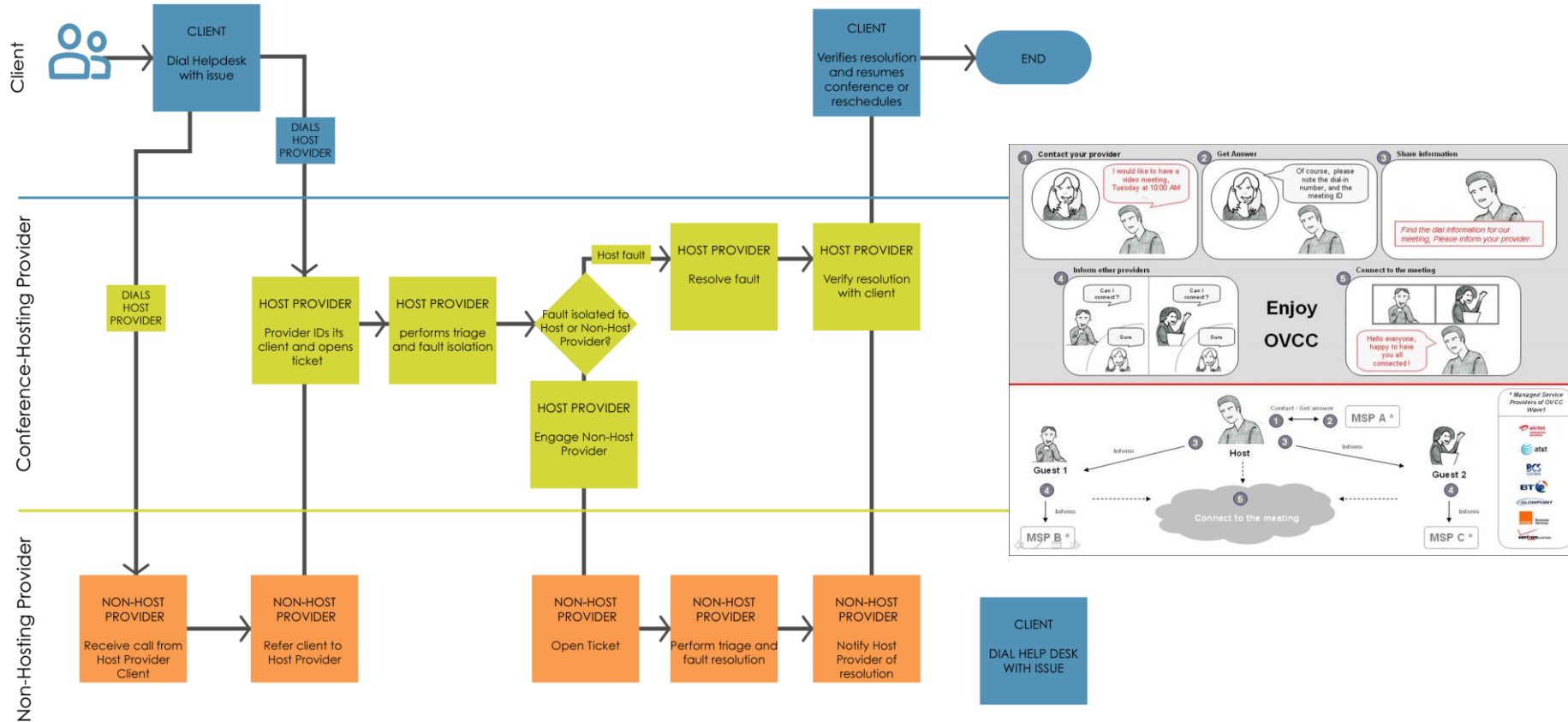


| MCU Function | SBC A | SBC B | Endpoint |
|-------------------------|------------------------------|---------------------------|---------------------------|
| Call Initiation | ← Unspecified Signaling | ← Invite | ← Unspecified Signaling |
| | → Unspecified Signaling | → 100 Trying | |
| | → Unspecified Signaling | → 180 Ringing | |
| | → Unspecified Signaling | → 200 OK | |
| | ← Optional TIP RTCP Offer | ← ACK | ← Optional TIP RTCP Offer |
| | ← Optional TIP RTCP Offer | ← Optional TIP RTCP Offer | ← Optional TIP RTCP Offer |
| | Media Session (audio, video) | | |
| In-Call Events | DTMF (in-band) | | |
| | DTMF (out-of-band) | | |
| | ← Unspecified Signaling | ← BFCP | ← Unspecified Signaling |
| | Media Session (content) | | |
| Call Termination | ← Unspecified Signaling | ← BYE | ← Unspecified Signaling |
| | → Unspecified Signaling | → 200 OK | |
| | | | → Unspecified Signaling |

Operations

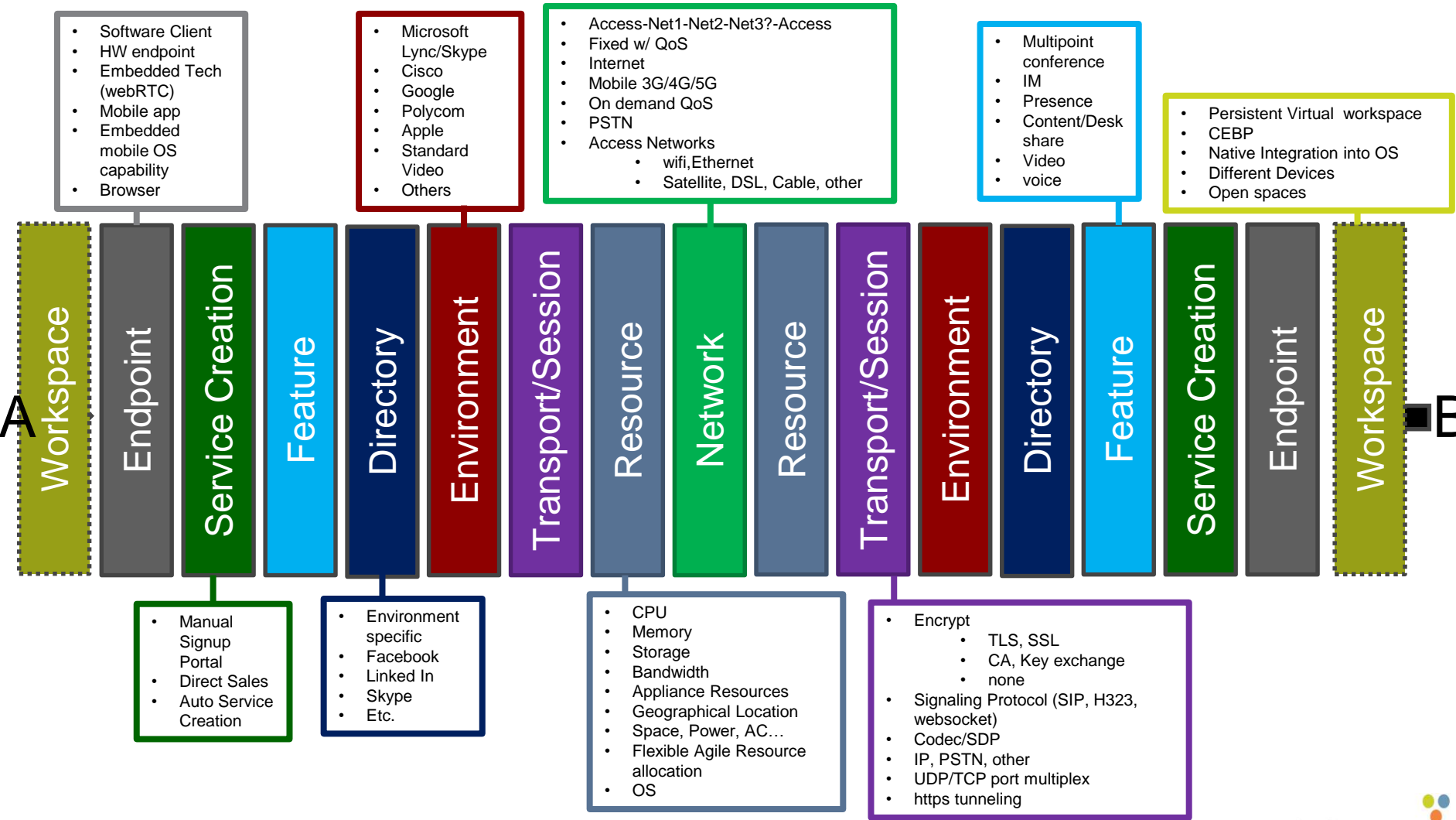
- Service coordination

Provider Service Assurance Support Model



- Bi-lateral Interconnect Templates for MSP's
- Network Interconnect Template for NSP's

Future/Open: Collaboration Landscape



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.