

# IBM Research Report

## **One Meeting: Bringing Together All the Physical and Virtual Meetings**

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# *“One Meeting”*

*Bringing together all the physical and virtual meetings*

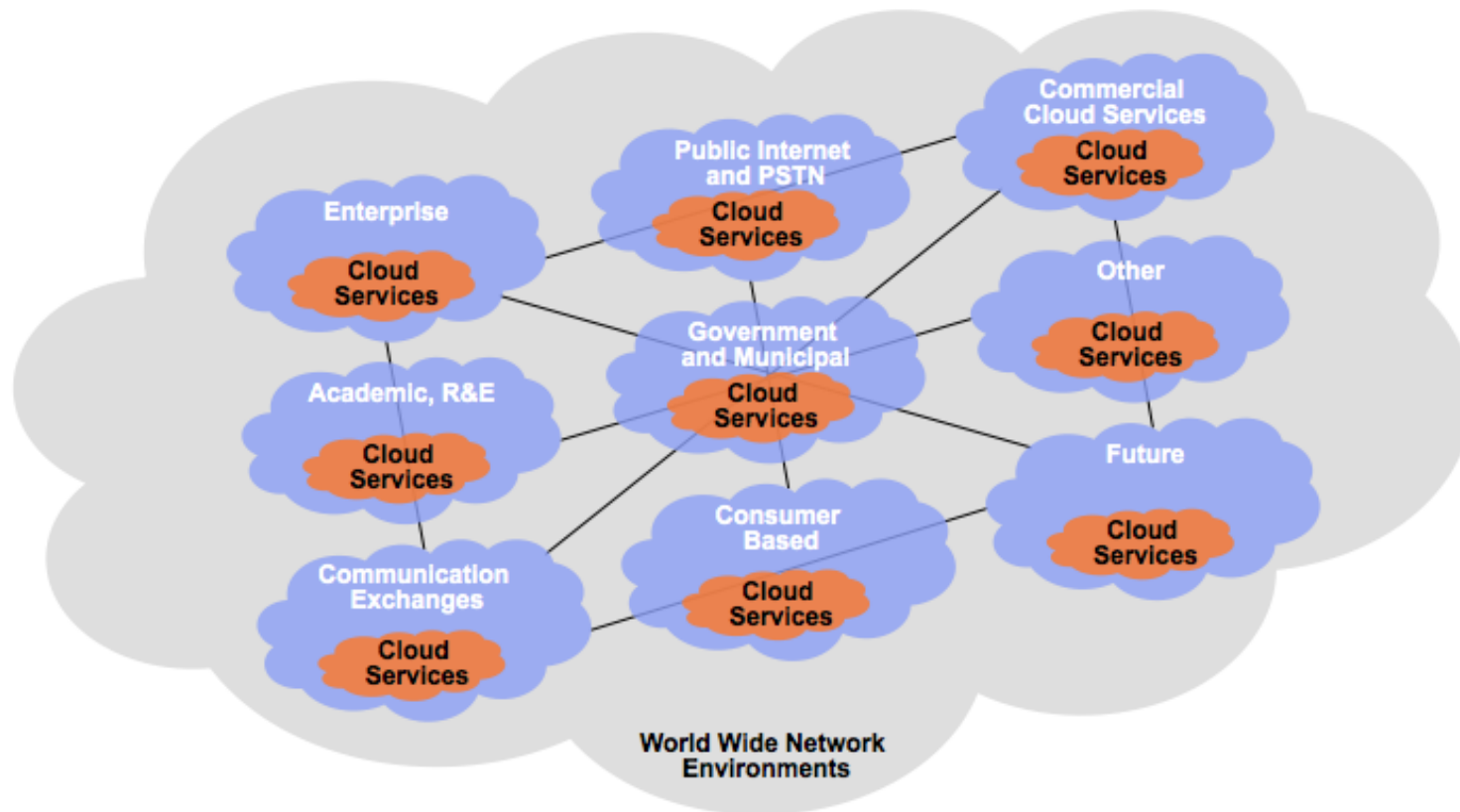


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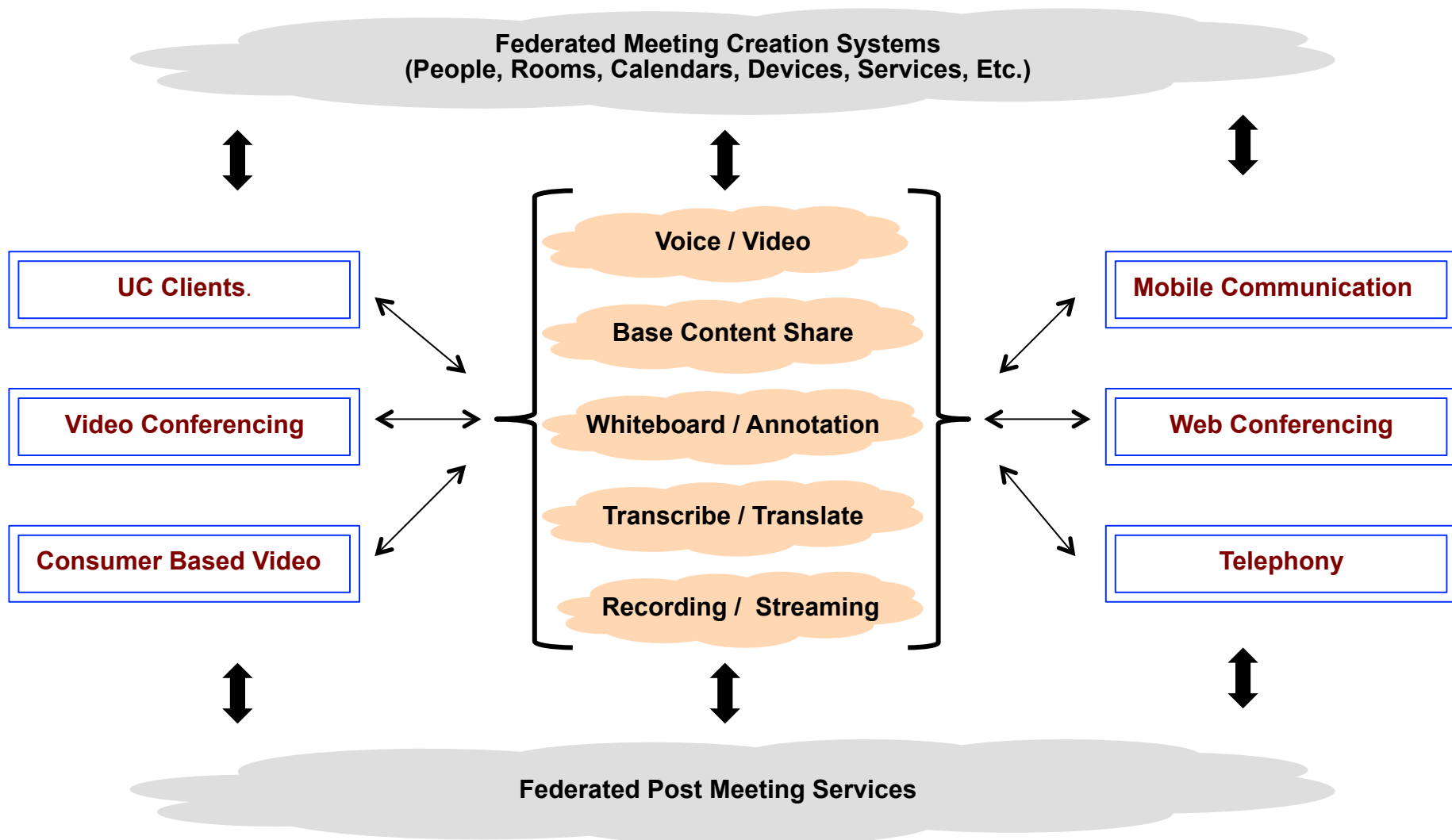
## A Cloud of Clouds for Communication and Collaboration

*Fully integrated, interconnected and interoperable*



- Ubiquitous worldwide connectivity between environments
- Voice, video, content sharing, messaging, collaboration, presence, etc.
- Interoperability for all communication and collaboration environments

# “One Meeting” Environment



## “One Meeting” Environment

- People can utilize a variety of scheduling systems that are federated
- Meeting participants can join meetings from a variety of devices or platforms
- People should NOT be required to start multiple applications and, or join multiple meeting instances, in order to fully participate in the “*Meeting*”
- Different devices or platforms will have varying degrees of capabilities
- The “*Meeting*” should provide the best experience to the participant(s) given the capabilities of the device or platform that they are using
- Automation of adding systems or endpoints should be available
  - If automated connection is preferred or necessary
- Enable the “*One Meeting*” solutions with accessibility, right from the start

## “One Meeting” Environment

- Some of the ways that we will achieve “One Meeting”
  - Stakeholders working toward a common goal
    - Customer, providers, vendors and the various standard bodies
  - Open standards, APIs and best practices
  - Industry consortium(s)
  - Organizations responsible for public directories, routing and peering
    - Also need to deal with billing and other business issues
  - Open exchanges or Private/Semi-Private exchanges with defined entry and exit points for intercommunication
  - Appropriate security and privacy mechanisms

## IBM Human Ability and Accessibility (HA&AC)

- Sametime Transcription (Jumbo) and Translation (ST3PO)
- Genghis
  - Web Based Transcription Service for Collaboration and Cloud
- DigiCape
  - Caption Editing System for Collaboration and Cloud
- Magic Button
  - Web Content Checking for Cloud
- Link to Formal Projects List - <http://www.ibm.com/able/projects/intro.html>



## References

- IBM Smarter Planet - <http://www.ibm.com/smarterplanet/>
- IBM Unified Communication and Collaboration - <http://www.ibm.com/software/lotus/unified-communications/>
- IBM Social Business - <http://www.ibm.com/software/lotus/socialcollaboration/>
- IBM Smart Cloud - <http://www.ibm.com/cloud-computing/>
- IBM Virtualization Solutions - <http://www-03.ibm.com/systems/virtualization/>
- IBM Lotus Software Solutions - <http://www.ibm.com/software/lotus/>
- IBM Research – <http://www.research.ibm.com>
- IBM Accessibility - <http://www.ibm.com/able/>

*“Thank You”*

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## Other Items of Interest

- Name based “dialing”
- Highly granular presence, context, availability and preferences
- Industry has only scratched surface on
- Video recognition and analytics for real-time communication
  - The industry has only “scratched the surface” of this technology
- Security
- High quality 3D without glasses. Maintain wide viewing angles.
- Fully solve eye contact issues. Without compromising other areas.
- Fully solve automated pan/tilt/zoom framing for optimal view
- Emerging markets need even “more” innovative” solutions