Soft Clients - Video Conferencing Collaboration Tools which Interoperate with Industry Standard Video Conferencing

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Internet2 Fall member Meeting
October 6, 2009
San Antonio, Texas
Schedule of Events

• Introduction of Speakers
• Overview of Video Conferencing Interoperability
• Presentations and Demonstrations by the Speakers
Our Presenters

• Jim Goodyear – LifeSize
• Ben Pinkerton – Vidyo
• Robert Romano – RADVision
• Stefan Karapetkov - Polycom
The Four Levels of Videoconferencing

• Web Conferencing
  – PC and small camera
  – Collaboration tools such as Skype, Elluminate, WebX....
  – Fair quality
• Standard H.323 Video Conferencing
  – Most common type today
  – Good quality
• High-Definition H.323 Video Conferencing
  – Like HDTV
  – Excellent quality
• Telepresence
  – HD, plus appearance of being in the same room

*Note there are a few other systems that do not fit into these categories*
Videoconferencing Interoperability by Level

- **Web Conferencing**
  - Very little interoperability, with each other or with industry standard.
  - A few now provide interoperability with standard H.323.
  - Skype/H.323 gateway being evaluated by Internet2.

- **Standard H.323 Videoconferencing**
  - Complete interoperability.

- **High-definition Standard H.323 Videoconferencing**
  - Complete Interoperability.

- **Telepresence**
  - Few vendors claim interoperability.
  - Tandberg and Polycom can interoperate thru their MCUs.
Collaboration tools have traditionally had stone walls between each other.
Collaboration tools have traditionally had a stone wall between themselves and industry standard video conferencing.
Standard definition and high definition video conferencing work well together.
Some collaboration tools have now blasted a hole thru the wall separating them from industry standard video conferencing. And they have begun to penetrate the walls between themselves.
We are now seeing interoperability between some collaboration tools and industry standard video conferencing.
Telepresence systems have had stone walls between each other.
Some telepresence systems have had gaps in the wall between themselves and industry standard video conferencing.
Most telepresence systems now interoperate with industry standard video conferencing. And they have reluctantly begun to penetrate the walls between themselves.
UNIVERSAL INTEROPERABILITY!

Desktop  Collaboration  Tools

Standard Video Conferencing
High-Definition Standard Video Conferencing

Tele  Presence