

Text version of Cary Barbin's Power Point Presentation
No graphics in either version.

Slide 1

VoIP Solutions Summit
Focus on Disability Access Issues
Cary Barbin
RERC on Telecommunications Access
Gallaudet University

Slide 2

Opportunities Presented by IP Enabled Services

- Video

Conversation and relay service -- Already available

–Ideal: See both interpreter and conversational partner, conference calls, online forums, etc.

–“Quality of service” concept for video comparable to voice needed for functional equivalency

–Broadband = Dialtone for visual communicators (including oral deaf and hard of hearing people who would like to lipread)

–Streaming video: captioning and description?

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Opportunities Presented by IP Enabled Services

- Language and mode of choice

–Visual, textual, and vocal (including wideband audio)

- Simultaneous or alternating at choice of user

- Multiple streams possible

–Information translation on demand

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Opportunities Presented by IP Enabled Services

- Mobile IP-enabled devices allow deaf people to communicate while mobile

–Potential is good if we have IP “text everywhere” and open protocol across carriers, tie in to relay services and PSAP

- Emergency

–In future: Connecting with PSAP would connect Relay Center transparently

–Location technology

–3-Way video calls among PSAP, interpreter, and caller

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Future Considerations

- Open platform concept
 - Permits development of niche applications as well as universal design
 - Open standards as concept in telecom needs to be retained
- Even niche products must support open standards for interoperability
- Ease of use
- Compatibility with old technology
- Authenticating users to prevent fraud

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