

# **PIC-SER for Campus Trials**

**Internet2 Spring Member Meeting  
May 2005**

# Device-to-device vs person-to-person

- So many ways to communicate that we waste time choosing the right one
- IM: back channels and quick access to the experts
- Voice: some people can't write, some ideas too complex for a one-liner
- Video: make sure every one is really "present"
- Presence frees us from having to sift through a list of communication points and enables real time access

# Member Meeting Trials Package

- MM demos at Indianapolis in 2003, and Honolulu, Arlington in 2004
- IM, voice, automatic location tracking, web portal integration, client interoperability (sipc, WaveThree Session)
- iptel.org's SIP EXpress Router (SER) – Jamey Hicks of Hewlett Packard Research Labs molds the open source of the Presence Agent (PA) module
- Experience PIC/ALS before the standards are final, and without vendor lock-in

# Campus Trials Package Goals

- Simplify deployment of presence enabled communications – click-here configuration for SER, PA
- Test more client interoperability (pulver.Communicator, Xten eyeBeam)
- Foster participation

# **PIC-SER**

PIC: Presence and Integrated  
Communications

SER: SIP EXpress Router

# Advantages of PIC-SER

- Paths-in-the-snow development builds a loyal following and more apropos feature set
- RFCs are the snow?
- Open source
- Get in early and learn the features to ask for in vendor offerings

# PIC-SER Package

- Initial SER/PA release and periodic updates
- Trial use of integrated communication clients
- Installer and configuration worksheet
- Documentation, wiki, email support via [pic-ser@internet2.edu](mailto:pic-ser@internet2.edu)
- Ideas for extensions: leverage campus directories/portals, automatic location service

# PIC-SER Call For Participation

- Proposal: project leader, 2-4 month timeline, director approval, staff, willingness to share experiences with I2
- Equipment: Linux server, Mac/PC clients with headset and microphones
- Submit proposal by May 31, 2005 to [candace\\_holman@harvard.edu](mailto:candace_holman@harvard.edu)

# Hitchhiker's Guide to the Standards

- August 04 SIMPLE RFCs: Presence Event Package for SIP, Presence Information Data Format, Watcher Information Event Template Package for the SIP
- February 05 SIMPLE i-ds: Data Model for Presence, Partial Publication of Presence Information, User Agent Capability Extension to PIDF
- August 2004+ SIP Extension RFCs: Indicating User Agent Capabilities in SIP, An Event State Publication Extension to the SIP

# More Information

- Rich Presence Trials  
<http://pic.internet2.edu/trials/index.html>
- Communications Convergence: The Power of Presence, I. Lazar, Burton Group, November 2004
- SIMPLE Working Group:  
<http://www.ietf.org/html.charters/simple-charter.html>