

Collaboration Tools Provided by Internet2

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Internet2 Spring Member Meeting

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Arlington, Virginia

What is the Internet2 Commons?

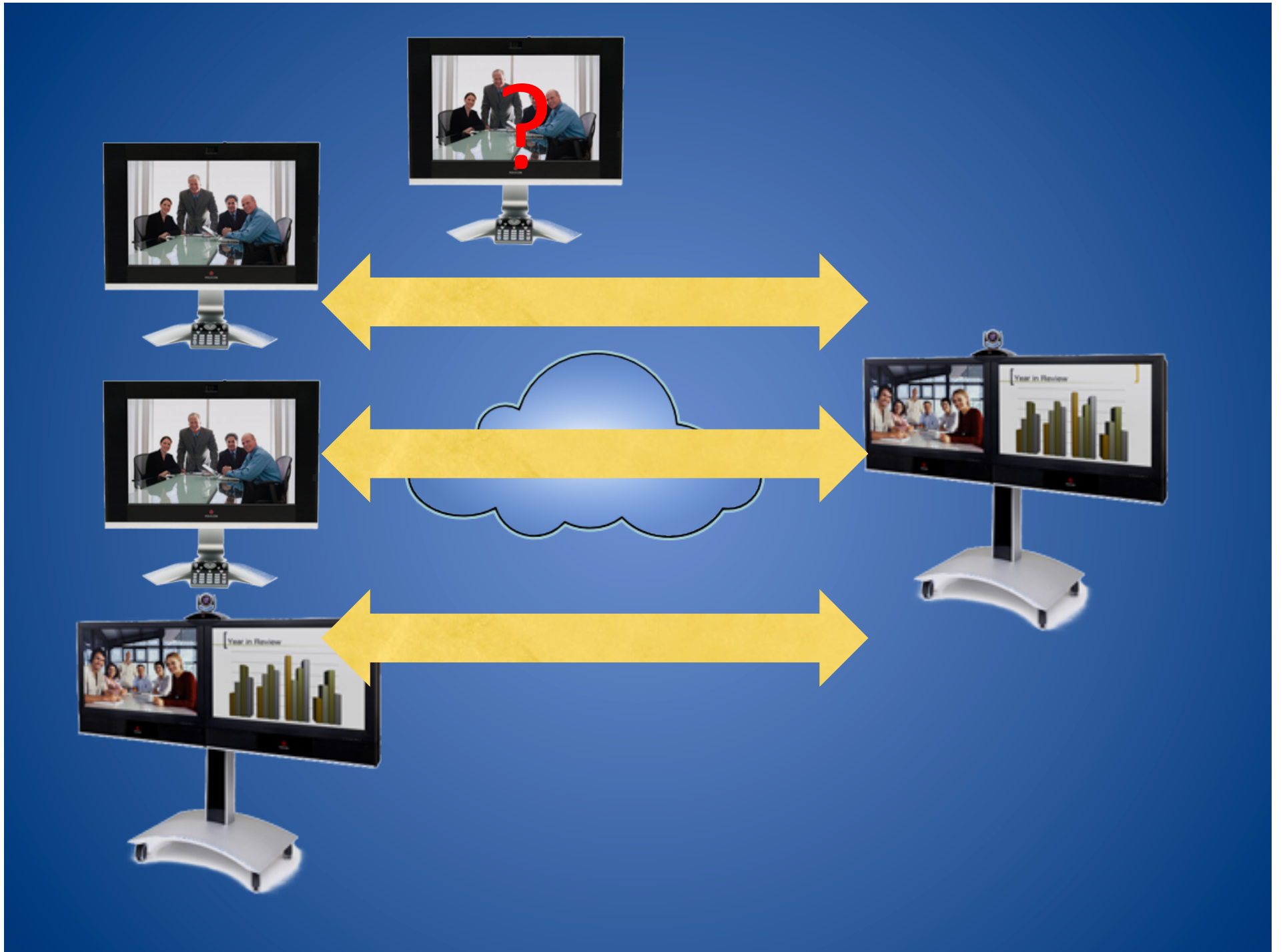


Provider of shared collaboration resources

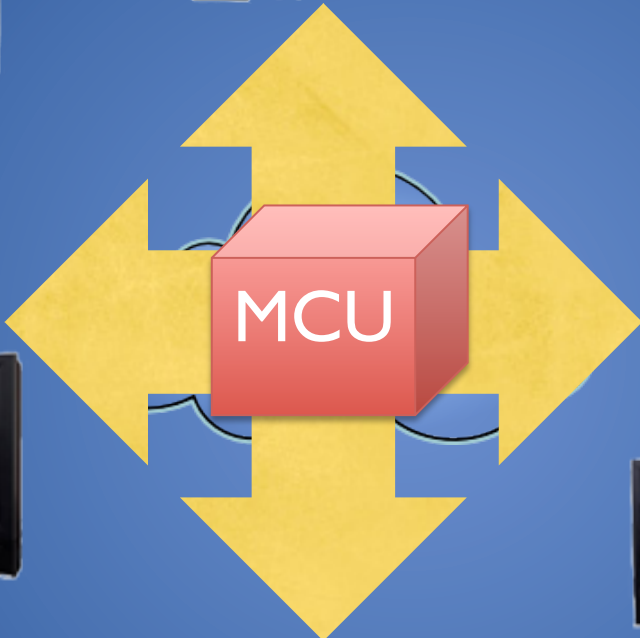
- H.323 bridging
- Training
- Global Dialing Scheme
- Desktop collaboration

H.323 Bridging





MCU





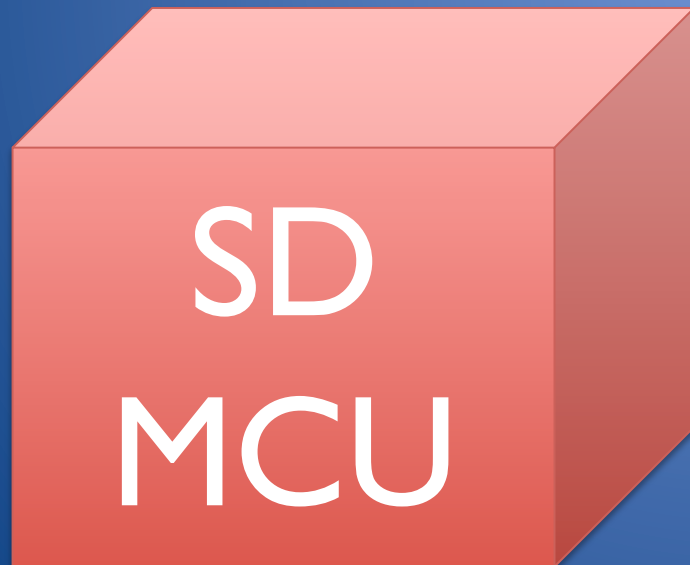
HD
MCU



SD
MCU



Polycom RMX 2000 HD MCU
Provided through partnership
with Polycom
Capacity: 40 HD ports



Tandberg Codian SD MCU
Provided through
partnership with Tandberg
Codian
Capacity: 40 SD ports

Training

Site Coordinator
Training:
VC by VC
January 28th, 2010



<http://www.internet2.edu/workshops/commons/>

Global Dialing Scheme

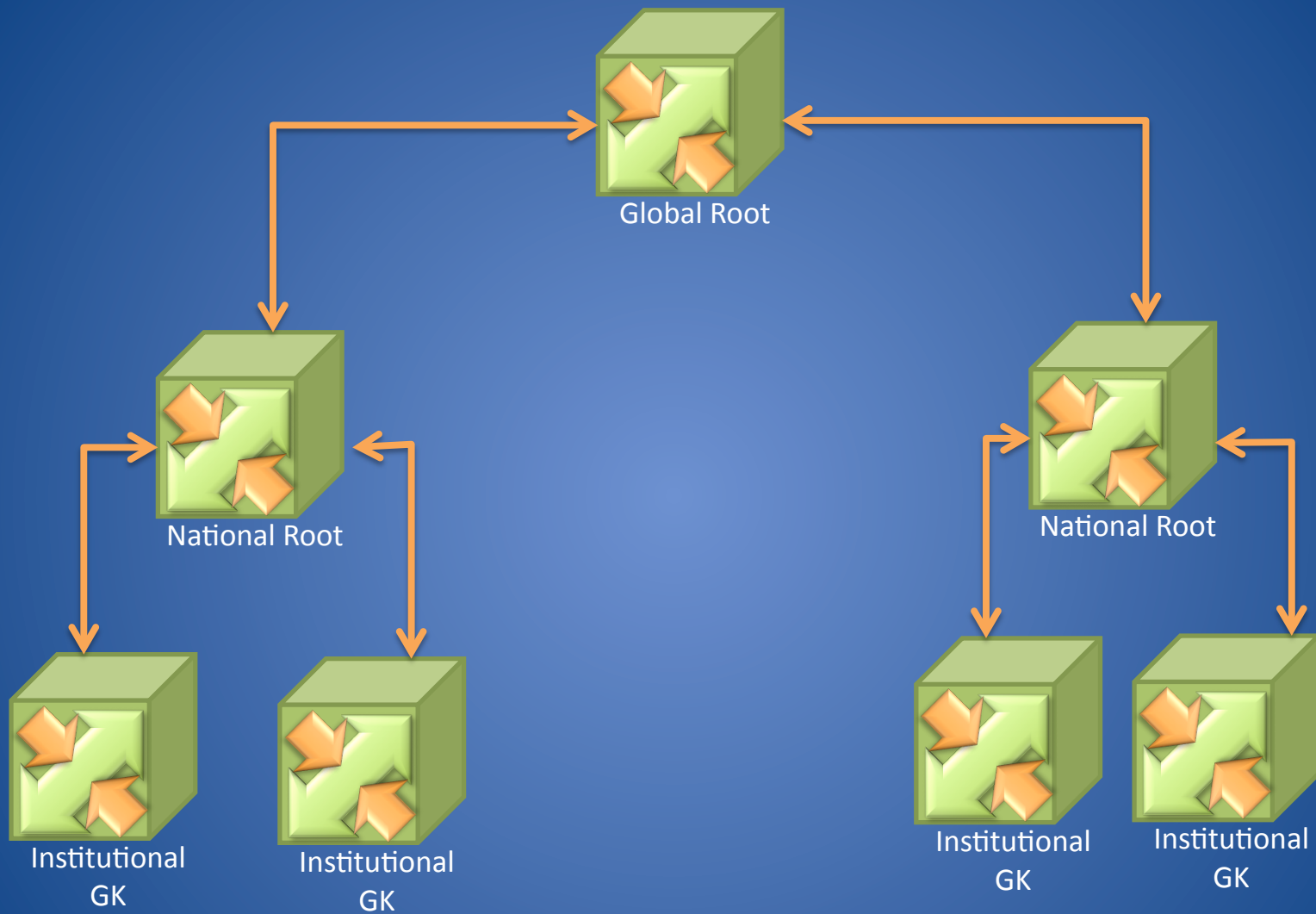
2001:db8:85a3:4183:24e5:3670:8793:34



Gatekeeper



0011 (89) 780-1234



Desktop Collaboration

- Today: Trial services, as will be discussed
- Upcoming: Production services on larger scale

Provider of shared collaboration resources

- H.323 bridging
 - Training
 - Global Dialing Scheme
 - Desktop collaboration technology
- Knowledge hub for real-time collaboration technology

Knowledge hub for real-time collaboration technology

– Today:

- Audio Video Communication Infrastructure SIG (Meets today at 12pm in Rosslyn Room)

– Upcoming:

- Performing Arts
- Medical
- Teaching and Learning

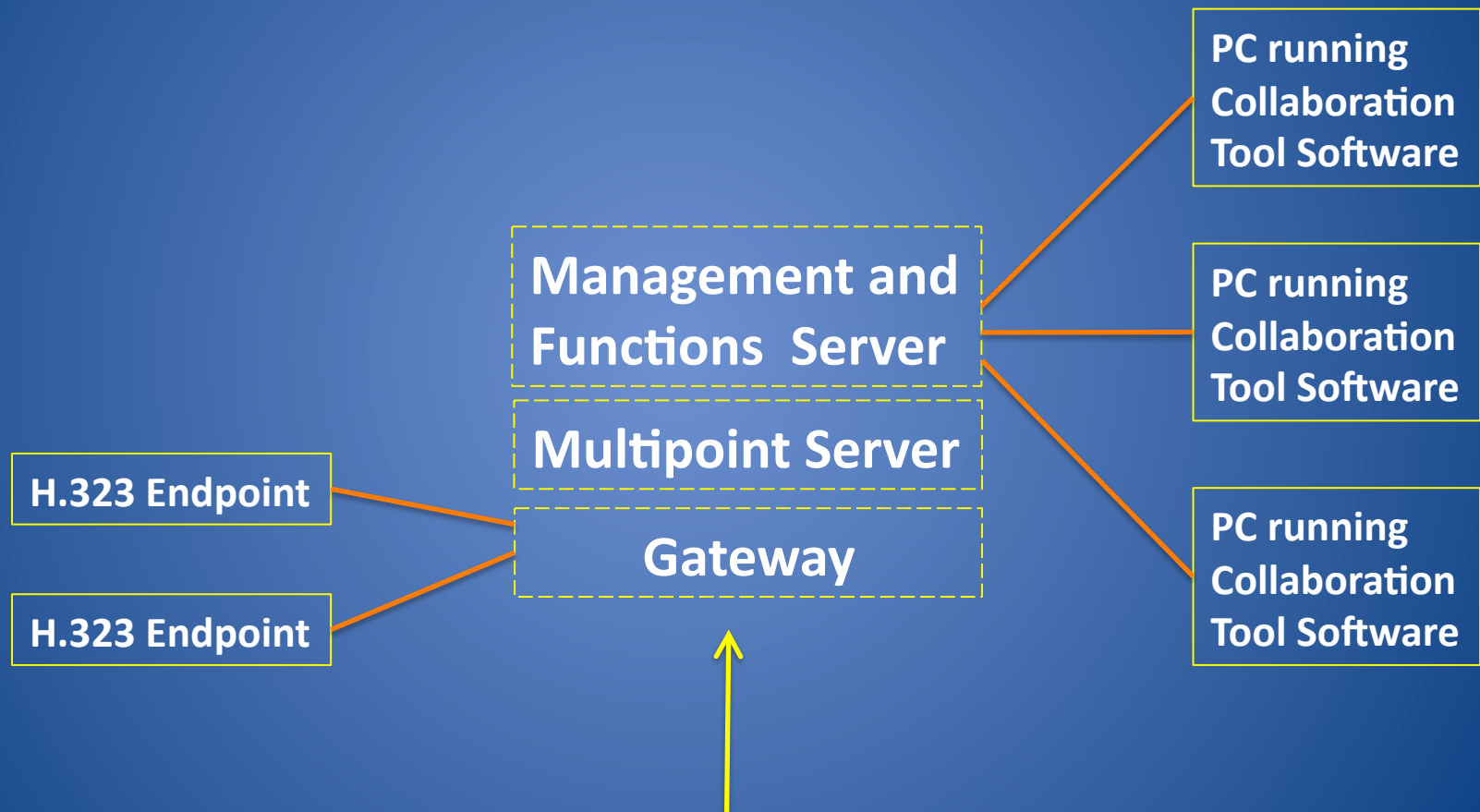


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Disclaimers and Stance

- My opinions are my own and not necessarily those of Internet2 or OARnet.
- I do not work for Internet2, and never have.
- I am a volunteer member of the Internet2 Commons planning team.
- I am a strong supporter of Internet2.
- I am a strong advocate of standards and vendor interoperability.
- I am vendor neutral.

Generic Collaboration Tool



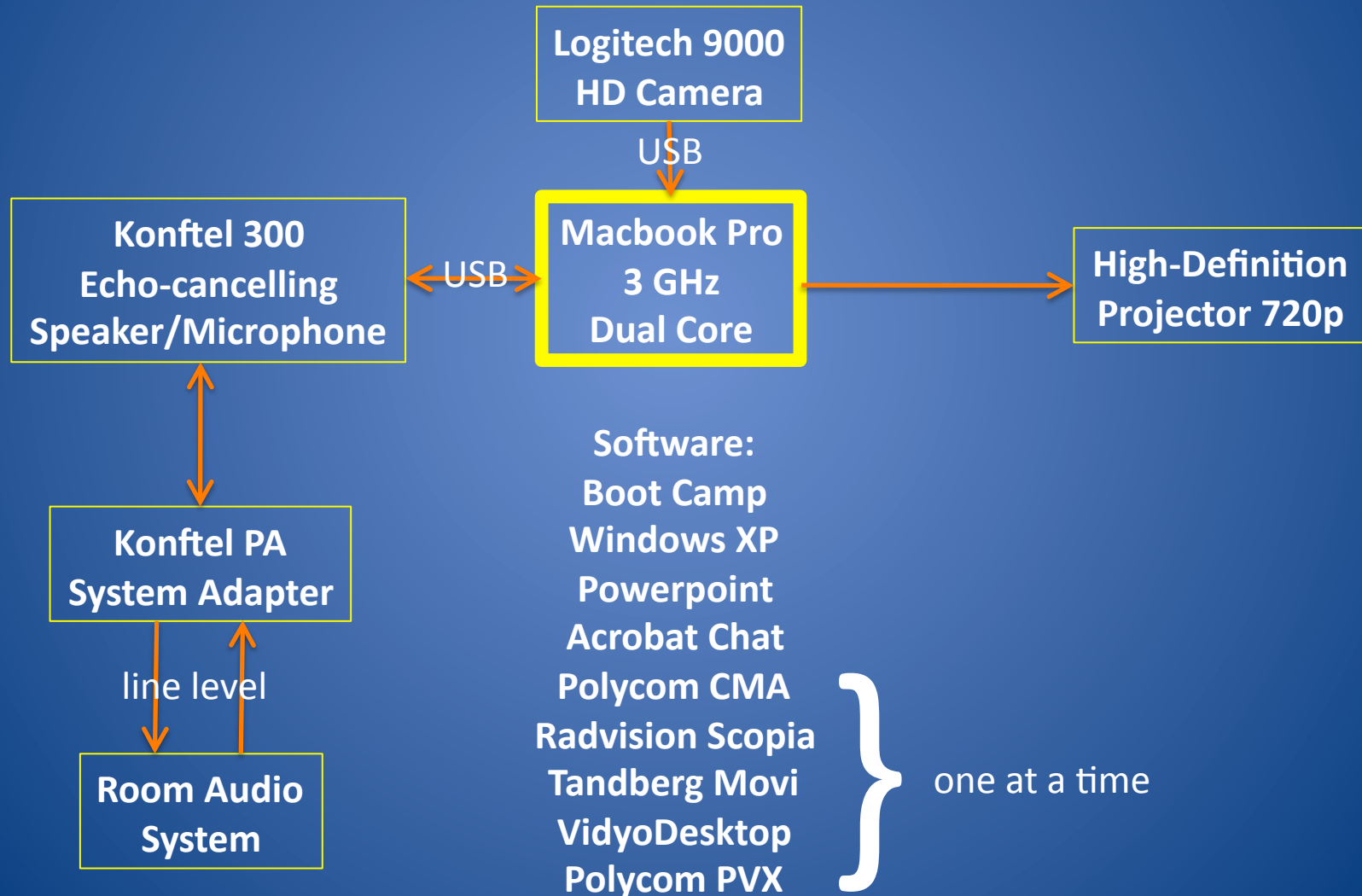
Dotted lines mean the operations could be in physically combined or separate boxes.

Basic Feature Comparison

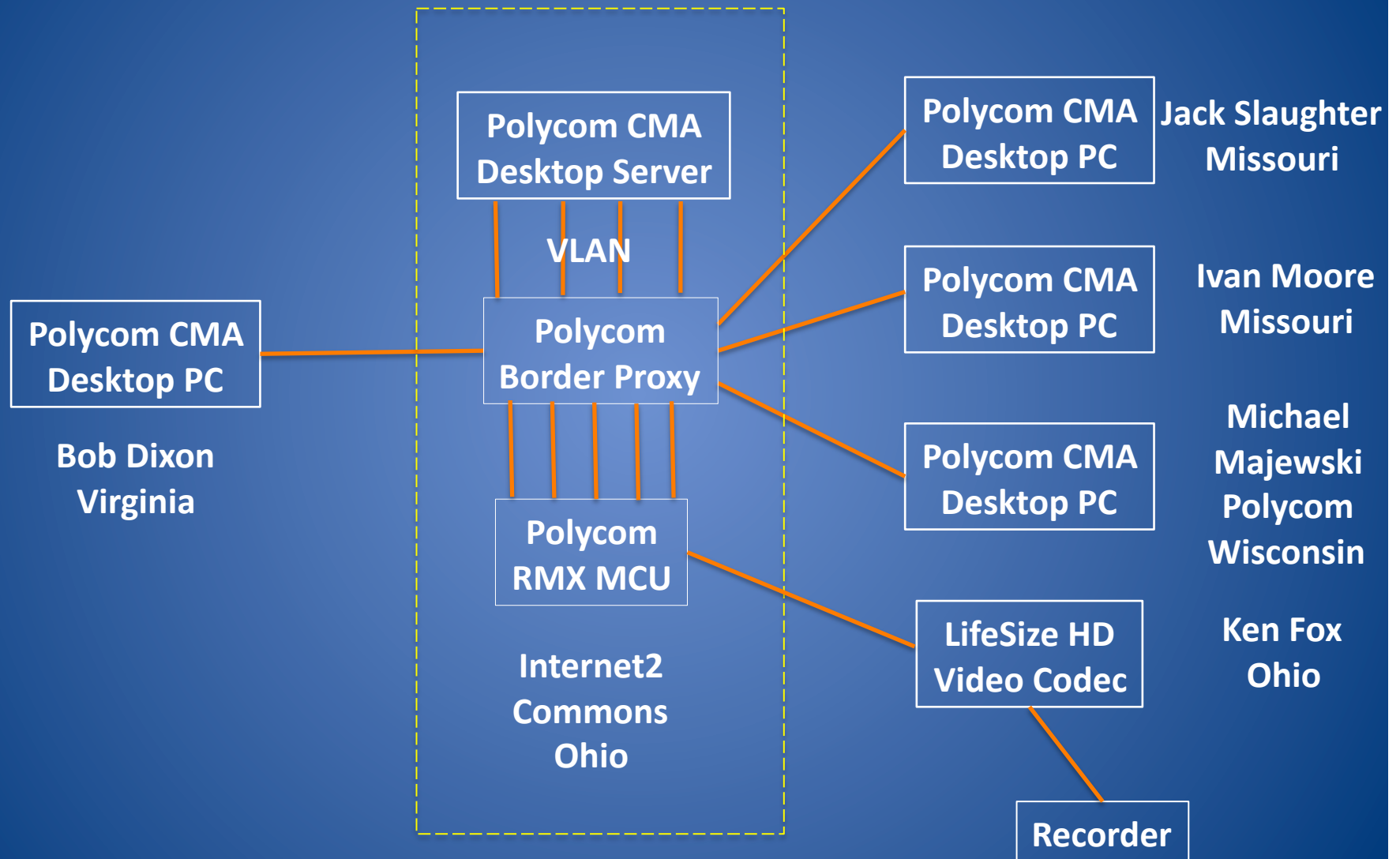
All systems work well, and have High Definition.
 Cost comparisons are complex, and hence omitted.

| | Mac Support | Firewall Traversal | Basic Protocol | Echo Cancellation | H.323/SIP Internetworking | MCU Required for multi-site | Directory | Content and Screen Sharing | Chat | Encryption | Federation | Compression Protocol |
|-----------|-------------|--------------------|----------------|-------------------|---------------------------|-----------------------------|-----------|----------------------------|------|------------|------------|----------------------|
| Polycom | beta | extrn | 323 | yes | no | yes | yes | yes | yes | yes | no | 264 |
| RADVision | yes | intrn | 323 | yes | no | yes | yes | yes | yes | yes | yes | SVC |
| Tandberg | beta | extrn | SIP | yes | yes | yes | yes | yes | yes | yes | yes | 264 |
| Vidyo | yes | intrn | SIP+ | beta | yes | routr | yes | yes | no | yes | no+ | SVC |

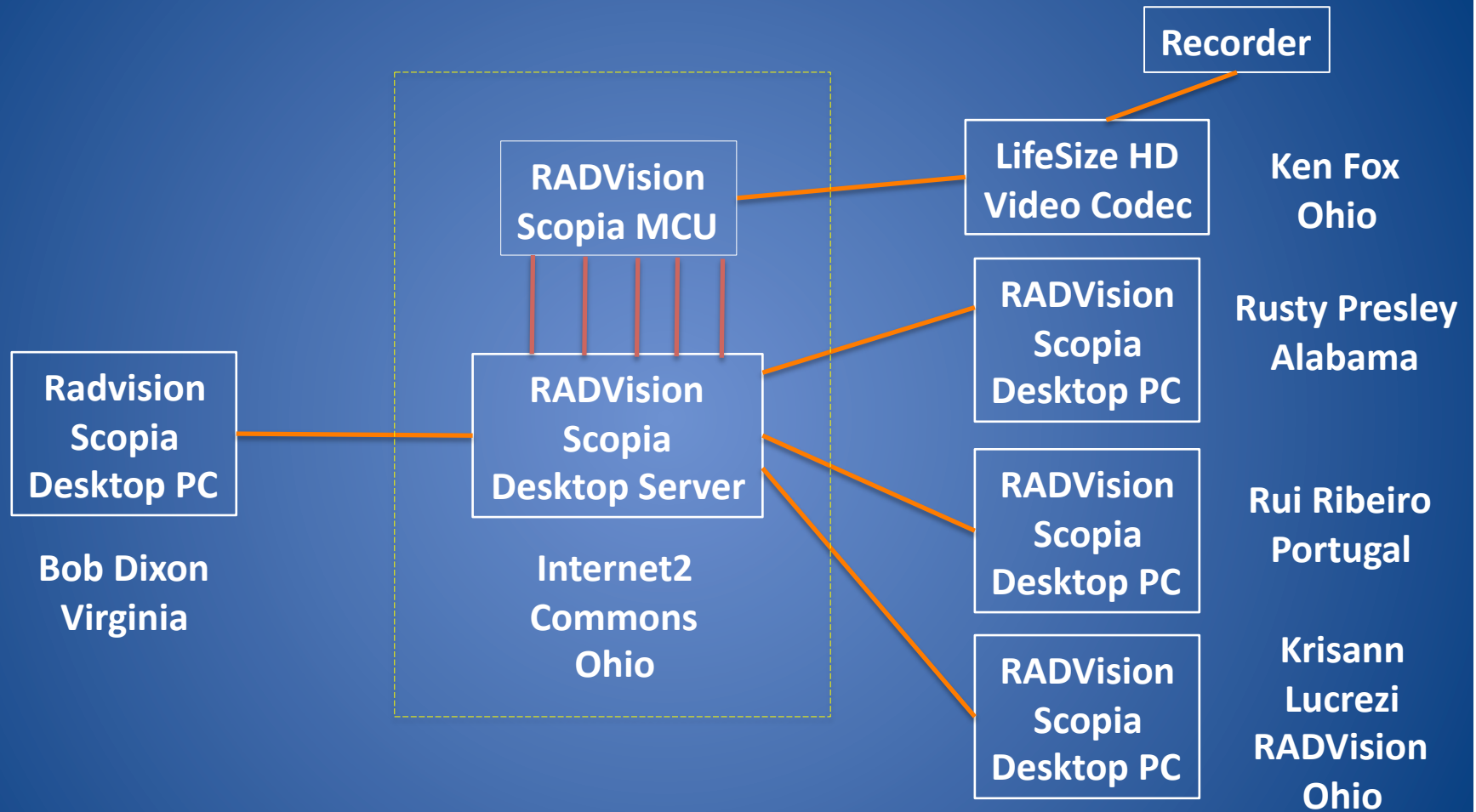
Computer Used for Demonstrations



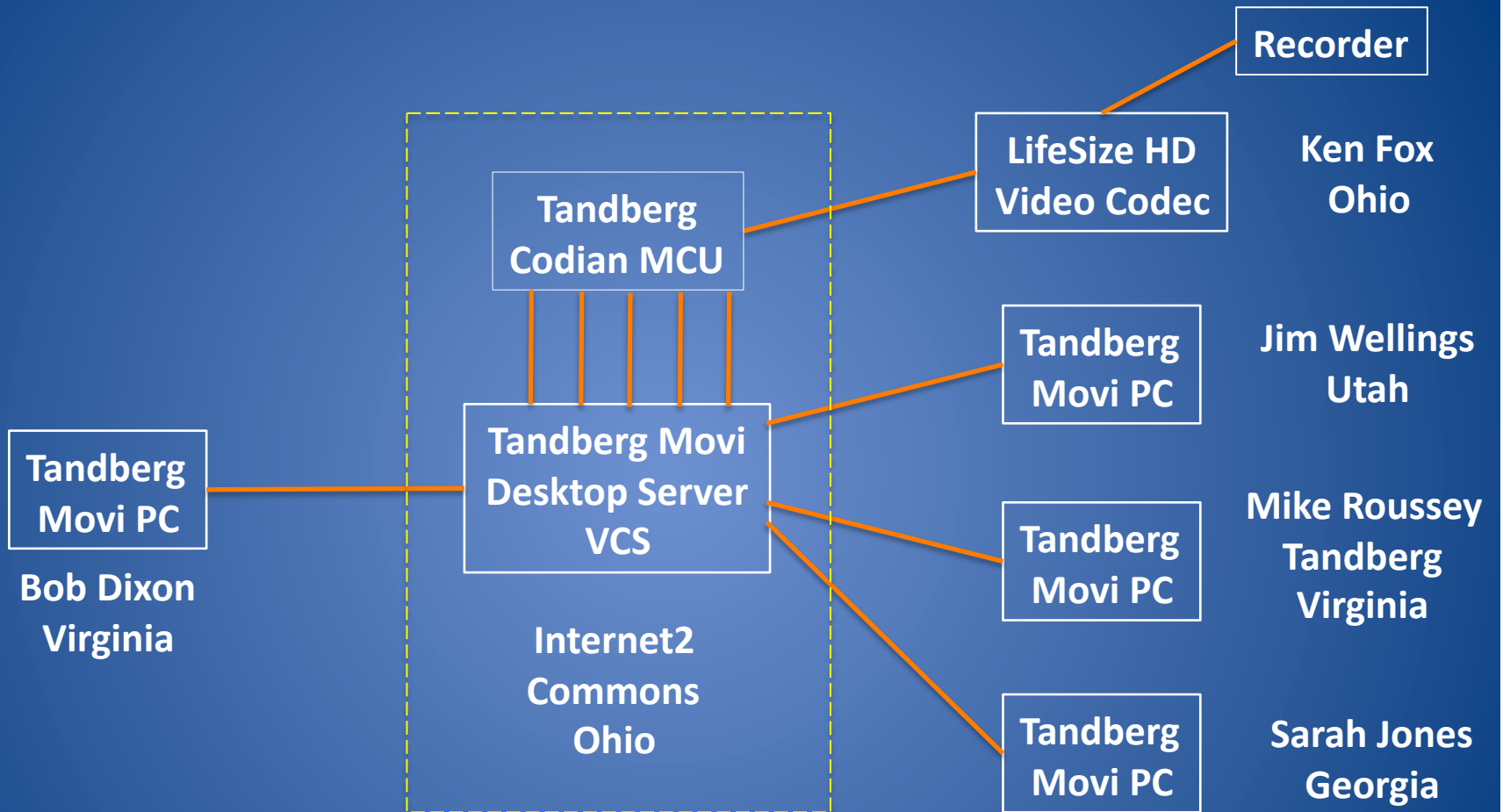
Polycom CMA Desktop Demonstration



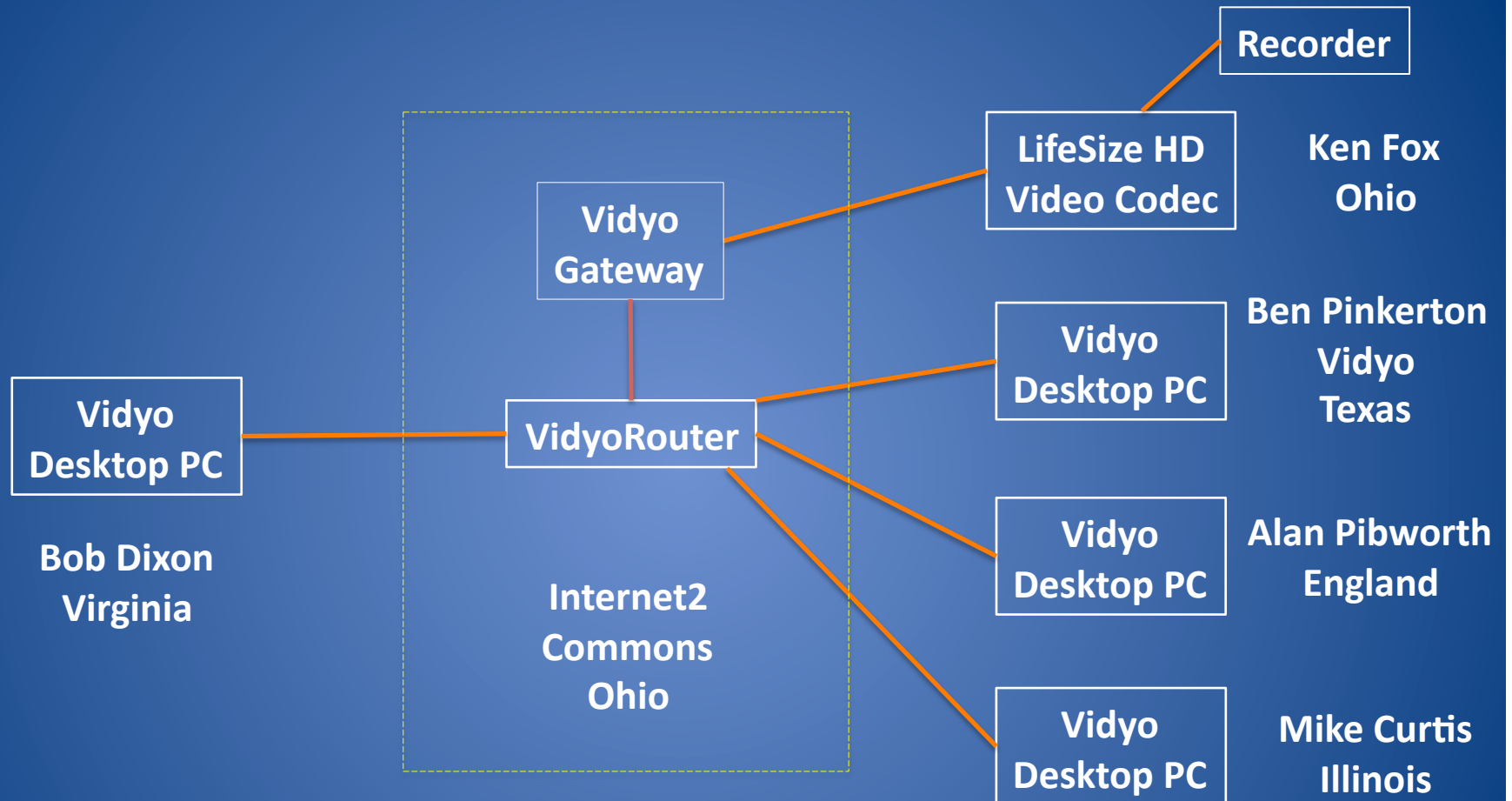
RADVision Scopia Desktop Demonstration



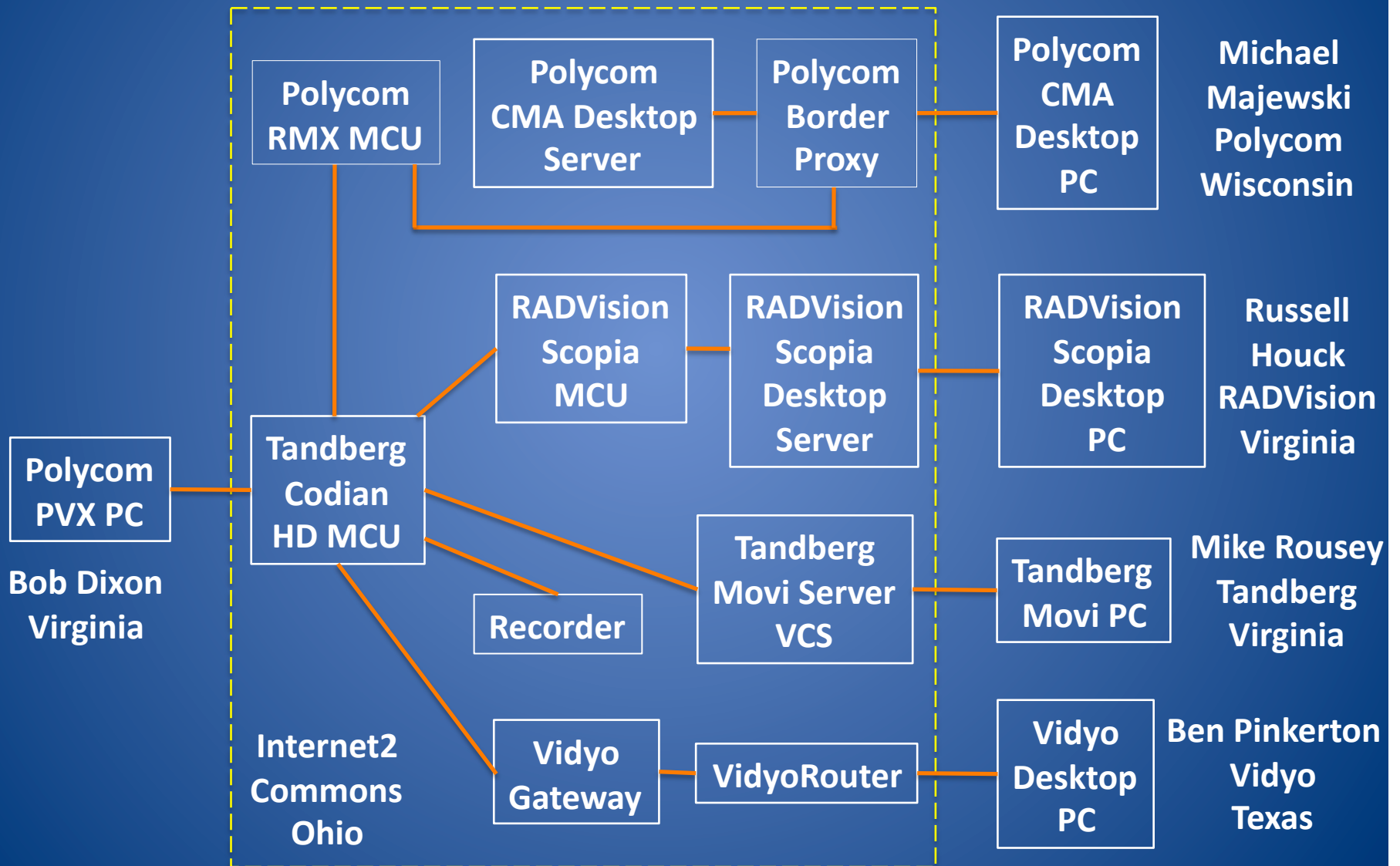
Tandberg MOVI Demonstration



Vidyo Desktop Demonstration



Collaboration Tools Interoperability Demonstration





INTEROPERABILITY !!



Open Lab Sessions

- Try out all systems hands-on yourself.
- Use your laptop or one provided.
- Mentors on hand to help you. More volunteers needed!

- Today 12:00-1:00 NOON Jefferson room
- Tomorrow 7:30-8:30 AM Rosslyn I room
- Tomorrow 12:00-1:00 NOON Rosslyn I room
- Both rooms are on the Lobby level

- IOCOM (Access Grid) will also be there.

- All vendors are down in front here, so you can talk to them now.

Acknowledgements

- **Vendors**

Michael Majewski, Polycom

Russell Houck, RADVision

Michael Roussey, Tandberg

Mark Noble, Vidyo

- **Ken Fox, my co-author**

- **Ben Fineman, Internet2 Commons lead**

- **Gabe Moulton, Nick Thompson, Robbie Noble of the Internet2 Commons technical staff**

- **Volunteer helpers**

Ivan Moore, Univ of Missouri

Jack Slaughter, Univ of Missouri

Rusty Presley, Auburn Univ

Rui Ribiero, FCCN, Portugal

Mike Curtis, Northwestern Univ

David Devereaux-Weber, Univ of Wisconsin

Les Finken, Univ of Iowa

Jim Wellings, Utah State Univ

Sarah Jones, Univ of Georgia

Alan Pibworth, Cranfield Univ, England