

ESCC



RCWG Update

Sheila Cisko, Chair,
Fermilab

Topics

- RCWG membership
- ECS stats
- ECS status
- Recent activities
- Future activities
- Contact Information



RCWG Membership

Sheila Cisko, Chair	Fermilab	Kars Ohrenberg	DESY
Alan Sill	Texas Tech University	Knut Bjorkli	CERN
Andy Kromphardt	University of Iowa	K. Estelle Dodson	NASA Ames Research Center
Art Bray	SLAC	Margaret McMurray	UTexas-TACC
Carl Scimeca	Princeton Plasma Physics Lab	Martin Jara	LBNL
Chris Masullo	Brookhaven National Lab	Reinhard Eisenberg	DESY
Christian Helft	IN2P3-LAL	Rich Horwitz	BNL
Brooks Collins	SLAC	Sabah Salih	University of Manchester
Deb Agarwal	LBNL	Stan Kluz	ESnet
Ed Ritenour	LBNL	Philippe Galvez	Caltech/VRVS.org
Gheni Abia	General Atomics	Steven Goldfarb	University of Michigan
Janine Jensen	Pacific Northwest National Lab	Thomas Baron	CERN
Jim Berry	Sandia National Lab	Thomas Uram	ANL/Access Grid
Joao Fernandes	CERN/VRVS.org	Terry Schalk	University of California – Santa Cruz
Josh Stillerman	MIT		
Karl Pommer	Los Alamos National Lab		



ECS Stats



- H323 MCUs (ad-hoc)
 - Total registrants 1547 (1400 endpoints in 7/06)
 - After 12/06 scripts previously used to provide utilization stats not available
 - Tandberg gatekeeper not yet into production
 - Tandberg Management Suite (TMS) to provide stats

- Audio/data MCU (reserved resources)
 - Total registrants 672 (500 in 7/06)
 - Average ports hrs 3343 Apr-June (2000 in 7/06)
 - Continued observations of port utilization

ECS Status - Infrastructure

- Equipment Upgrades –June '07
 - Codians replaced Radvisions
 - 3 video MCUs = 120 ports
 - feature rich: streaming, customized video display, transcoding, H239 (video+data)
 - Continued use of original gatekeeper
 - ECS & Tandberg working on interoperability and GDS issues with new gatekeeper.
 - All hardware moved to production VLAN
 - new POTS/ISDN gateway with 2 PRIs

ECS Status - Operations

- Outsourced to TKO January '07
 - Generally working well
 - TKO learning ECS user community and RCWG members
 - TKO = 1 project engineer and 1 lead engineer
 - responsive and timely audio & video registration process



ECS Status - **Operations**(cont'd)

■ Concerns:

- Fusion community asks for improved ECS support services

- ECS used in two ways

- Scheduled meetings

- up to 40 attendees at 3 to 4 sites

- Ad-hoc meetings

- up to 10 attendees at 2 to 3 sites

- use of ISDN gateway

- ECS reliability and responsiveness are critical

- On rare occasions of problems email support is problematic when urgency is required

- Need to get system status quickly

ECS Status - Operations(cont'd)

- Concerns (cont'd)
 - suggested ways to improve:
 - upgrade service to on-call business hours of Pacific, Central or Eastern time
 - phone or IM support
 - provide mechanism to specify urgency of service request
 - provide IM chat rooms associated with meetings for negotiating connection problems among participants
 - provide support through ESnet operations phone support line

ECS Status - **Operations**(cont'd)

- suggested ways to improve (cont'd):
 - allow RCWG member (or select power users) web access to view meetings on video MCUs
 - provide real time status of ECS infrastructure
 - improved web documentation for testing, troubleshooting
 - use ESnet Consolidated Requirements Survey to express future services and support
- **No interaction with TKO on R&D**
 - new tools & applications
 - Open Source Linux and Mac H323 solutions
 - audio bridging
 - web conferencing solutions
 - HD & Telepresence

Recent RCWG Activities

- Tested MCUs, gatekeeper, gateway
- Assisted with rollout of same
- Testing EVO (replaces VRVS) with MCUs and gatekeepers
- Outreach to Fusion community, especially for Global Dialing Scheme (GDS)



RCWG Future Activities

- Distribute ESnet Consolidated Requirements Survey to ECS community
 - with emphasis on user video, audio & web collaboration communication needs
 - Methods:
 - members @ DOE labs contact site coordinators
 - members @ US & non-US institutions contact PIs, co-spokespersons, project leads
 - email survey to ecs-info list (all registered ECS users)



Future RCWG Activities (cont'd)

- Presentations at CHEP07 (2 members)
- Assist with transition to EVO from VRVS
 - continue interaction & interoperations with EVO
- Plan next Workshop
 - RCWG instead of ECS
 - will ask ECS/TKO to attend and provide input
 - likely to be "virtual"
 - all by video, phone, stream and web
 - date tbd
- Membership drive
- Create RCWG document repository
 - to replace ECS workshop wiki
 - open to VC users for technical reference



Future RCWG Activities (cont'd)

- Outreach to LHC, ILC and Fusion
 - help collaborations select interoperable tools
- Continue to promote ECS H323 MCU features
 - H239 (video+data)
 - Streaming
 - Customizable video displays
- Continued interactions with industry vendors & developers
 - including technology investigations
 - H323 to SIP MCUs
 - HD and telepresence



Contact Information

- Contact Sheila Cisko scisko@fnal.gov for connection information



RCWG Meetings
Wednesdays 11amCDT

RCWG@ES.net