

SIP Forum 2012 Annual General Meeting

Richard Shockey, Chairman of the Board
Marc Robins, President and Managing Director
Fiscal 2012

2012 Annual General Meeting Agenda

❖ Official business

- Meeting operation setup
- Financial review
- Voting

❖ Adjourn Formal Portion of Meeting

❖ Unofficial business

- Review of 2012 Activities
- A look forward in 2013

❖ The Board did not receive any reports of other issues to discuss from any Member

Meeting Setup and Housekeeping

- ❖ Call Meeting to Order
- ❖ Election of Meeting Chair
- ❖ Minutes Takers: Hadriel Kaplan and Steve Johnson
- ❖ Proper notification of AGM
 - At least four weeks before AGM (18 November)
 - Official Notice made 16 November to all Full Member representatives
- ❖ 2012fy Financial Review

2012fy Financial Review: 7/2011-6/2012

SIP Forum Consolidated Financial Results

	06/30/12	06/30/11
Profit / loss		
Operating income	\$ 335,545	\$ 386,125
Operating expenses	<u>\$ (369,479)</u>	<u>\$ (448,149)</u>
Operating profit/(loss)	\$ (33,934)	\$ (62,024)
Interest income	<u>\$ -</u>	<u>\$ -</u>
Net profit/(loss)	<u><u>\$ (33,934)</u></u>	<u><u>\$ (62,024)</u></u>
Balance Sheet		
Assets	<u>\$ 421,032</u>	<u>\$ 469,998</u>
Liabilities	\$ 202,125	\$ 202,514
Members equity	\$ 218,907	\$ 267,484
Total Liab & Mem Eq	<u><u>\$ 421,032</u></u>	<u><u>\$ 469,998</u></u>
Cash	<u><u>\$ 297,447</u></u>	<u><u>\$ 373,588</u></u>

2012 AGM Voting and Election Agenda

- ❖ Establishing and Approval of the Voting List
- ❖ Voting Preliminaries
- ❖ List of Candidates for Open Director Seats
- ❖ Review of Voting Issues
- ❖ Running of Election
- ❖ Vote Results

Establishing and Approval of the Voting List

- ❖ Acme Packet
- ❖ Alcatel-Lucent
- ❖ Aspect Communications
- ❖ Avaya
- ❖ Bandwidth.com
- ❖ Bell Canada
- ❖ Broadsoft
- ❖ Cable Television Laboratories, Inc. (CableLabs)
- ❖ Cablevision Lightpath
- ❖ Cbeyond
- ❖ Cisco Systems
- ❖ Comcast
- ❖ Cox Communications
- ❖ Ericsson
- ❖ GENBAND
- ❖ Huawei
- ❖ Microsoft Corporation
- ❖ Mitel
- ❖ Nokia
- ❖ Polycom
- ❖ Rogers Communications
- ❖ Sagemcom
- ❖ Samsung
- ❖ Siemens Enterprise Communications
- ❖ Snom
- ❖ Sonus Networks
- ❖ Sorenson Communications
- ❖ Tecnotree
- ❖ Telecom New Zealand
- ❖ University of New Hampshire InterOperability Laboratory

Voting Preliminaries

- ❖ Current active full member count: 30
- ❖ Bylaws Quorum requirement:
 - 16 for normal business (>50%)
 - 23 to change bylaws (which has NOT been proposed)
- ❖ 21 Proxies are in hand at beginning of the meeting
 - # full members present on WebEx and voting?
 - 21 >16; quorum is declared.

Director Candidates - 6 for 5 Open Seats

- ❖ **Mary Barnes – Polycom**
 - ❖ Current board member standing for re-election
- ❖ **Andrew Hutton – Siemens Enterprise Communications**
- ❖ **Steve Johnson – Ingate Systems**
 - ❖ Current board member standing for re-election
- ❖ **Hadriel Kaplan – Acme Packet**
 - Current board member standing for re-election
- ❖ **Robert Kinder – Cox Communications**
- ❖ **Gonzalo Salgueiro – Cisco Systems**

2012 AGM Voting Issues

❖ Issue 1: Voting For New Directors

- Maximum of 2 total NOT from a Full Member allowed per current bylaws
- One non-full member individual currently serves on the board (Richard Shockey), so only one additional participant member can serve.

❖ Issue 2: Discharge of Director Liability

Running of Election, Tabulation of Votes

- ❖ Final Request for Ballots to be Cast
- ❖ Official Voting Deadline Reached
- ❖ Save Ballot data stored in SIP Forum Website Content Management Platform as Text File
- ❖ Load Ballot Text File into OpenSTV ballot tabulation application
- ❖ Run new Director vote according to British Columbia STV Rules per Forum Bylaws
- ❖ Save Results as Text File
- ❖ Perform Manual Count of Voting Issue #2

Time to Run the Election!

2012 AGM Vote Results

❖ 1. Board Seats

- Mary Barnes
- Andrew Hutton
- Hadriel Kaplan
- Robert Kinder
- Gonzalo Salgueiro

❖ 2. Discharge of director liability

- 20 Yea, 1 Nay, Motion Approved.

Other Business of the SIP Forum

- ❖ Next SIP Forum Chairman of the Board Election Committee deferred to next Board Meeting
- ❖ Official SIP Forum 2012 AGM Minutes Ratified
- ❖ Move to adjourn formal portion of the Annual General Meeting

SIP Forum: The Year in Review

Marc Robins

SIP Forum President and Managing Director

Richard Shockey

SIP Forum Chairman of the Board

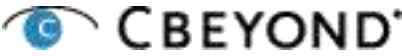
SIP Forum 2012 AGM

SIPFORUM Full Member Companies

(as of 12-18-2012)



ERICSSON



HUAWEI

SAGEMCOM

AVAYA



CISCO



TECNOTREE



Microsoft



SAMSUNG



MITEL

SIEMENS

Siemens Enterprise Communications



telecom

Bell



CONNECTING PEOPLE



VoIP phones



Innovation calling.



SIP Forum Academic/Institutional Members

Columbia University:



The Fu Foundation
School of Engineering & Applied Science



Fraunhofer
Institute for Open
Communication Systems



TEXAS A&M
UNIVERSITY



University of Glamorgan

because great minds don't think alike



Review of Activities

- ❖ Appointment of Spencer Dawkins, Huawei Technologies, to role of Technical Director with oversight of all TechWG task groups
- ❖ UA-Configuration Task Group Common Data Profile charter ratified
- ❖ Formation of new SIP Over IPv6 Task Group
- ❖ Formation of new SIPconnect Interoperability Testing and Certification (SC-IT) Task Group
 - Produced Successful SIPconnect-IT 2012 SIPconnect 1.1 Interoperability Testing Event at UNH-IOL December 3-7, 2012
- ❖ Formation of new Video Relay Services (VRS) Task Group
- ❖ Produced Successful SIPNOC US 2012 Conference, Scheduled SIPNOC 2013 for April 22-25, 2013
- ❖ FoIP Task Group Phase II Testing Program Completed, Report Published in collaboration with i3 Forum; Internet-Draft (ID) for new 'sip.fax=' media feature tag (addition to RFC 3840) in final review in IETF Standards Track

Membership Review

- ❖ Participant (Individual Membership) increased to @14K and growing
- ❖ LinkedIn SIP Forum Group @2.5K and growing
- ❖ Full membership roster held relatively steady over past year
- ❖ Added Telecom New Zealand as new Full Member
- ❖ Galludet University Pending as new Academic Member

SIPNOC 2013 – “The SIP Network Operators Conference”



Expanded, three-day, technically-focused educational conference for service providers and network operators on how to “Make SIP Work Better in the Network”

SIPNOC 2013 Dates and Venue



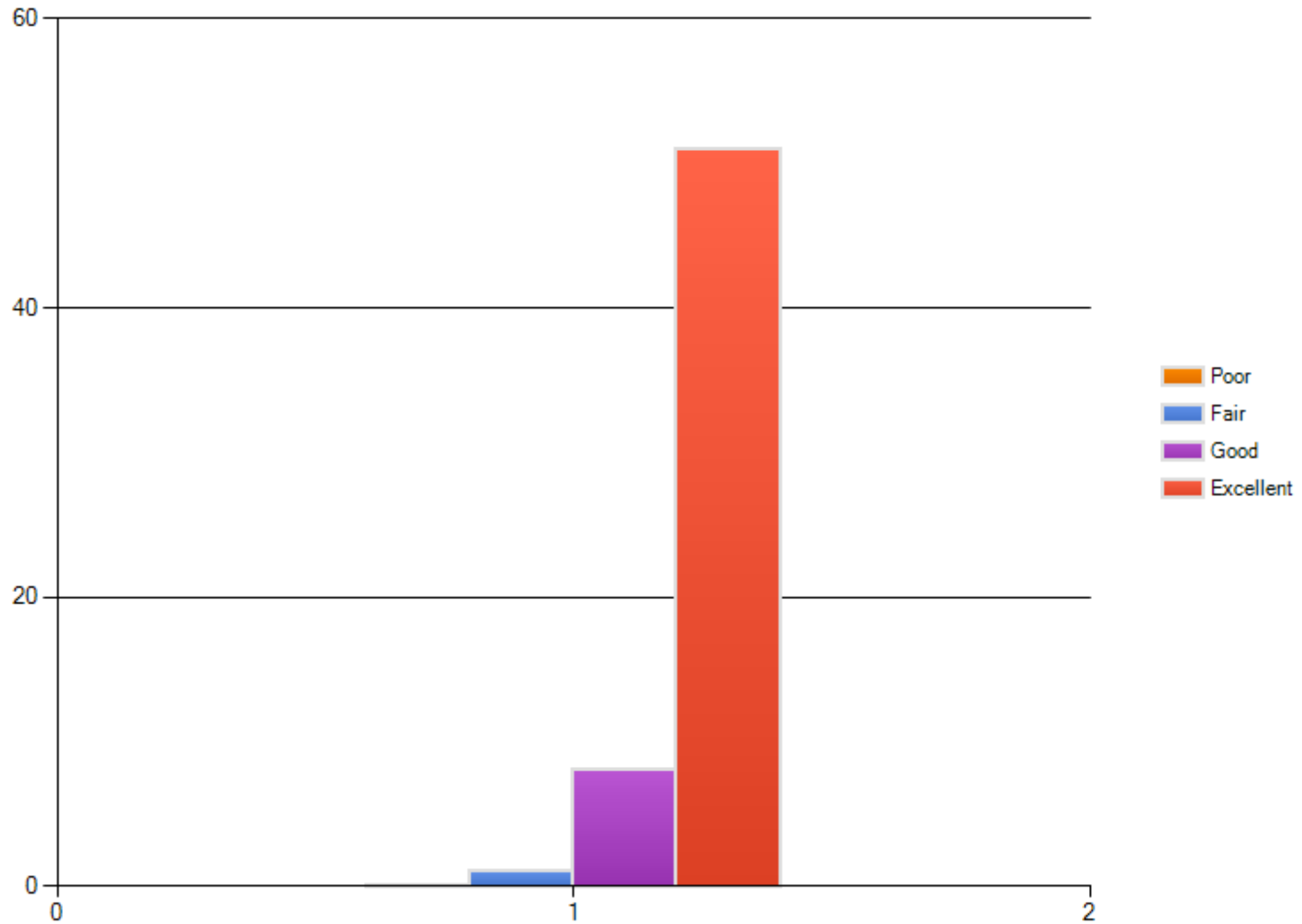
- ❖ April 22-25, 2013 at Hyatt Dulles Hotel, Herndon, VA
- ❖ Developed specifically for the technical and operational staff of service providers, including network architects and engineers
- ❖ Educational content focused on addressing key deployment and operational issues involving SIP-based technology and services
- ❖ Conference presentations vetted by expert Program Committee to ensure the highest-quality, technically-oriented agenda
- ❖ Early-Bird Discount and Special Additional Discounts for SIP Forum Full Members available

Proposed SIPNOC 2013 Topics

- ❖ Application Development Recommendations
- ❖ Network and Applications Testing Considerations and Tools
- ❖ SIP Trunking Interoperability Best Practices
- ❖ SIPconnect 2.0 Requirements
- ❖ FoIP/T.38 Interoperability
- ❖ WebRTC
- ❖ SIP Network Operations Center (NOC) Best Practices
- ❖ SIP Carrier-to-Carrier Interconnection
- ❖ QoS Maintenance
- ❖ IPv6 Deployment Challenges and Recommendations
- ❖ User-Agent Configuration Standardization Efforts
- ❖ Emergency Services Deployment
- ❖ Standardization Initiatives and the Evolution of SIP
- ❖ Policy Server Considerations
- ❖ Security Deployment Considerations and Best Practices
- ❖ Operational Issues and Solutions
- ❖ SIP-Based Video Relay Service Interoperability
- ❖ Measurement, Monitoring and Troubleshooting
- ❖ HD-Voice and Video Deployment Challenges

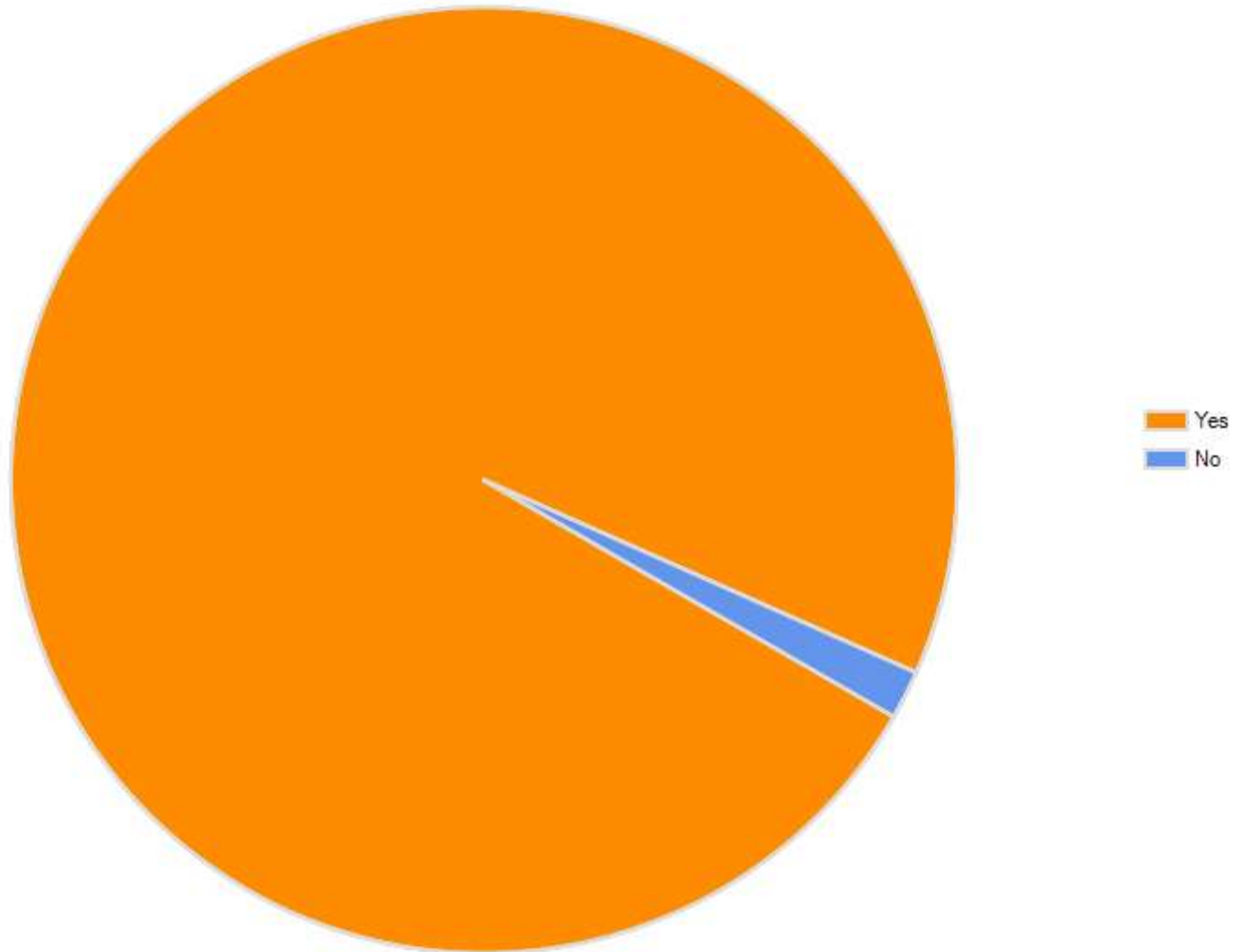
Results of SIPNOC US 2012 Post-Event Attendee Survey

My overall rating of this conference is:



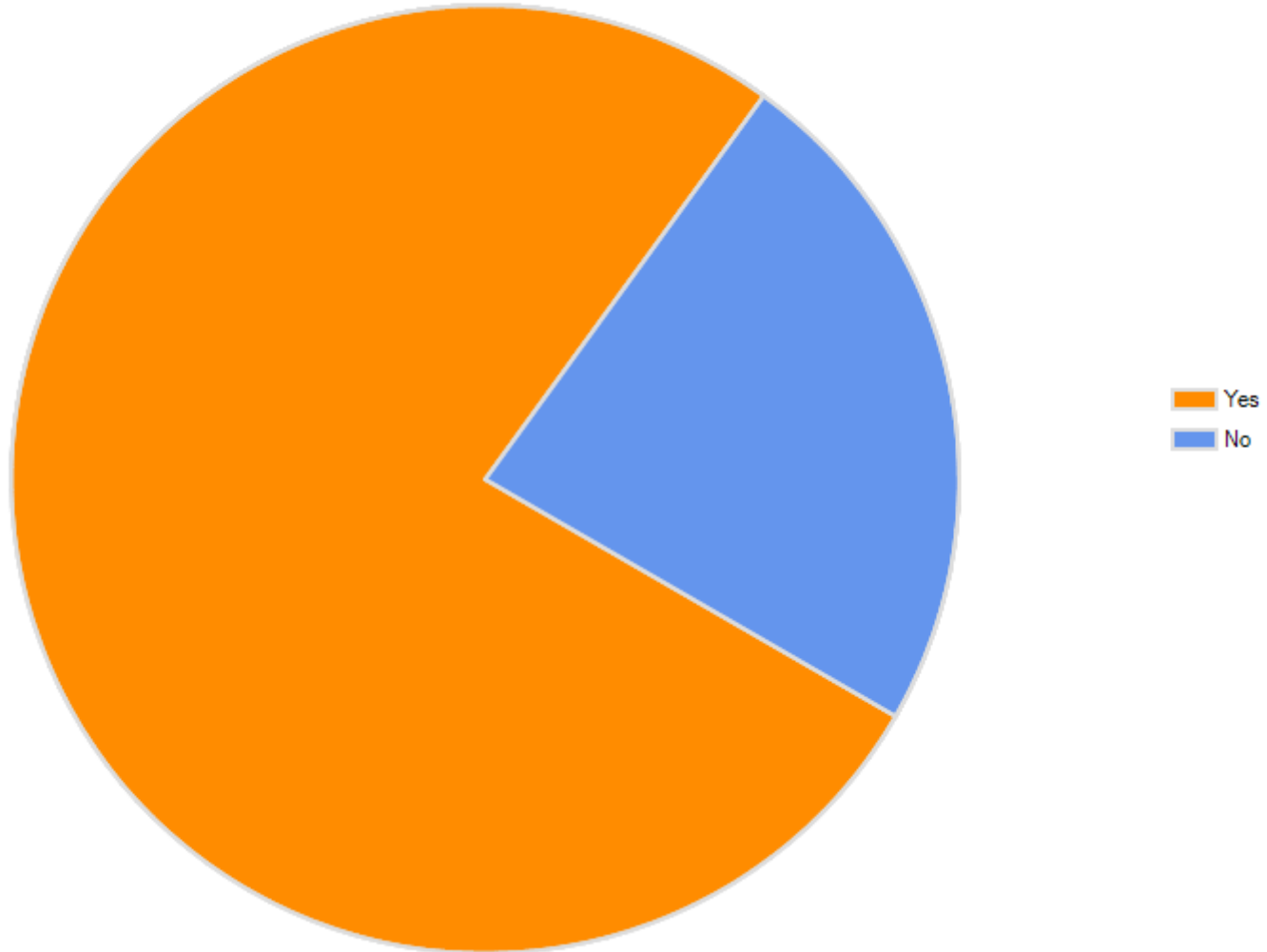
Results of SIPNOC US 2012 Post-Event Attendee Survey

I plan to attend the next SIPNOC conference.



Results of SIPNOC US 2012 Post-Event Attendee Survey

I plan to recommend that my company send more people to the next conference.



SIPNOC 2013 Registration and Hotel Reservations



- ❖ Selecting Program Committee Members Now
- ❖ For more information: <http://www.sipnoc.org>
- ❖ Register at:
<http://www.regonline.com/sipnoc2013>
- ❖ Hotel Reservations:
<https://resweb.passkey.com/go/SIPNOC2013>

SIP Over IPv6 Task Group

Task Group John Berg -- CableLabs

Co-Chairs: Andrew Hutton -- Siemens Enterprise Communications

Has charter to evaluate current best practices and enable and promote migration to SIP over IPv6.

Goals Include:

1. Evaluate current technologies and strategies for IPv4/IPv6 co-existence and identify impacts of these technologies on SIP-based networks and the user experience.
1. Identify areas where existing standards for SIP over IPv6 and dual stack are inadequate or non-existent. This can be in technical documents, network architectures, standards, etc.
2. Provide direction and technical leadership in resolving problems related to SIP when using IPv6, or co-existence technologies.
3. Develop recommendations to standards organizations based on research, discoveries and suggested courses of action to remedy deficiencies uncovered by the SIP over IPv6 task group.

UA-Config Profile Data Task Group

- ❖ **Task Group Chair:** Mary Barnes, Polycom
- ❖ **“Phase One”** of Task Group Charter completed, culminating in ratification of IETF RFC 6011 – **“Session Initiation Protocol (SIP) User Agent Configuration”** which defines procedures for how a SIP User Agent should locate, retrieve, and maintain current configuration information from a Configuration Service.
- ❖ **“Phase Two”**, now in progress, is focused on defining a common profile for configuration data for SIP UAs:
 - define the common data to enable initial configuration of any SIP UA compliant with this profile
 - identify the data elements which may be updated after initial configuration
 - possibly define optional data elements which may be added to a profile

Fax-Over-IP Task Group

❖ **Task Group Co-Chairs:**

- Mike Coffee -- (Commetrex)
- Gonzalo Salgueiro (Cisco Systems)

❖ **Task Group Whip:**

- Max Schroeder — mschroeder "at" faxcore "dot" com (Faxcore)

❖ **Task Group Goal:** Develop and publish the guidelines (recommended practices) that will reduce the implementation problems that are today hindering IP-based fax deployments in carrier-based applications.

Fax-Over-IP TG Testing Programs

- ❖ Joint efforts between SIP Forum and i3 Forum

SIPFORUM



- ❖ Phase One Testing Report: “Technical Aspects” Fax over IP Service,” published October, 2011

- Results: Using international-carrier SS7-based routing (ISUP), call-completion rates were nominally 50%.
- http://www.sipforum.org/component/option,com_docman/task,doc_download/gid,518/Itemid,261/

- ❖ Phase Two (Pairs) Testing Report: “Technical Specification for Fax over IP Service”, published May, 2012

- <http://i3forum.org/wp-content/uploads/2012/05/i3F-Technical-FoIP-Rel-2-FINAL-2012-5-3.pdf>

FoIP TG Conclusions

- ❖ Trying to use SIP in SS7-based tandem networks (ISUP-SIP) is unreliable.
- ❖ You must test and qualify routes if you want it to work.
- ❖ We've catalogued typical problems to avoid, but...
- ❖ Intelligent FoIP routing is essential.
- ❖ The Phase I and Phase II testing results and analysis basis for the FoIP TG's technical and design recommendation to the IETF and the technical community at large.

FoIP TG Milestones

- ❖ Definition and registration of a new standardized Media Feature Tag – “sip.fax” in the SIP header that will enable carriers to intelligently identify calls as fax calls. This will allow for standardized, well-defined and optimized intelligent routing policies whereby carriers can selectively direct FoIP calls over qualified FoIP routes. This recommendation is intended to provide a standards-based framework that eliminates implementation-dependent variability and to support successful end-to-end transmission of international fax calls between networks.
 - “Indicating Fax over IP Capability in the Session Initiation Protocol (SIP)--draft-hanes-dispatch-fax-capability-06”
 - <https://datatracker.ietf.org/doc/draft-hanes-dispatch-fax-capability/>

SC-IT Task Group

- ❖ **Co-Chairs:** John Berg, CableLabs; Alan Johnston, Avaya; Robert Kinder, Cox Communications
- ❖ **Chief Document Editor:** James Swan, UNH-IOL
- ❖ Focus on SIPconnect 1.1 development, interoperability and conformance testing.
- ❖ To facilitate the development and deployment of products and services based on the SIPconnect 1.1 Recommendation, ratified in March 2011.
- ❖ SC-IT Mailing List:
 - <http://sipforum.org/mailman/listinfo/sipconnectit>

SC-IT Task Group Goals

- ❖ Demonstrate that SIPconnect 1.1 is implementable
- ❖ Accelerate vendor and service provider interoperability
- ❖ Define what it means to be SIPconnect 1.1 compliant
- ❖ Help promote the benefit of SIPconnect in the marketplace

SC-IT Task Group Milestones

- ❖ Published a comprehensive SIPconnect 1.1 Test Plan.



- ❖ Produced SIPconnect-IT 2012 -- “SIPit for SIPconnect” testing event -- focused on SIPconnect 1.1 development, interoperability, and testing, December 3 – 7, 2012 at University of New Hampshire Interoperability Lab (IOL)
- ❖ In 2013:
 - Develop a SIPconnect 1.1 Compliance Test Plan
 - Select/develop a SIPconnect 1.1 compliance test platform ready for the initiation of a SIPconnect 1.1 Compliance program
 - Produce a follow-on SIPconnect-IT 2013 Testing Event

Overview of SIP Forum Video Relay Service (VRS) Task Group

**Task Group
Co-Chairs:**

Gunnar Hellstrom -- Omnitor
Brian Rosen – NeuStar

VRS Overview

- ❖ Relay Services enable persons with communication related disabilities to communicate with other persons using other communication modalities.
- ❖ Other forms of relay services include:
 - Deafblind relay services
 - Text relay services (e.g. TTY in North America) and IP relay service)
 - Captioned telephony relay services and
 - Speech-to-speech relay services

VRS Industry Challenges

- ❖ VRS providers in the US have developed their current solutions based on H.323 and have encountered multiple interoperability issues.
- ❖ As SIP is becoming the dominant standard for video and audio communications, a new infrastructure for the VRS industry is required based on this protocol.
- ❖ Need to be able to use mainstream off-the-shelf terminals registered with mainstream communication service providers for relay service access as well as for peer-to-peer calls.
- ❖ An additional set of requirements needs to be fulfilled for emergency service access.

Expected Output

- ❖ The VRS project is a multi-stakeholder, consensus-driven initiative that will produce one or more SIP Forum recommendations that define a common set of interoperability standards for relay services using SIP communication components. These recommendations will specify which standards must be supported, provide guidance in the areas where the standards leave multiple options and supplement functional gaps in existing protocols.

Primary Work Objectives

- ❖ Develop a comprehensive requirements document that sets forth the common network elements for the relay service.
- ❖ Specify the protocols and protocols extensions that must be supported by each element in the relay service system. Specify the exact RFC or other existing standards to be used.
- ❖ Specify Mandatory to Implement video, audio and text codec's [MUST per RFC 2119], recommended optional codec's and which entities must support them.
- ❖ Integration with systems for calling by number from national and international number plans. E.g. ENUM [RFC 6116], including standards for URI registration.
- ❖ Interoperability with systems using other call control protocols.
- ❖ Emergency service calling for registered and unregistered User Agents (endpoints), including registration of device address with service provider
- ❖ Recommend minimum broadband connectivity requirements.

Additional Areas of Investigation

- ❖ Develop credentials for both Client User Agents and Proxy in the relay service system.
- ❖ Mixing and presentation aspects for video, audio and text media.
- ❖ Incoming call alerting system.
- ❖ Visual messaging waiting feature.
- ❖ Communication of service provider name and interpreter identification.
- ❖ Indication of communication modality requirements and preferences and its use for selecting appropriate service.
- ❖ Session security.
- ❖ Relay service invocation based on user action.
- ❖ Relay service invocation based on user profile evaluation.
- ❖ Use in IMS versus native SIP

Additional Areas of Investigation, con't

- ❖ Specify Mandatory to Implement video, audio and text codec's [MUST per RFC 2119] , recommended optional codec's to support for Video/Audio/Text mail and specify which entities must support them.
- ❖ The ability of a relay service user to freely connect to any of several Relay Service providers.
- ❖ Client User Agent portability or the ability to move a Client User Agent with its assigned phone number that has been managed by one operator or relay service provider to a new operator or relay service provider
- ❖ Import and export of user phonebooks and speed dial lists
- ❖ Session quality reporting and measurement.
- ❖ Initial Client User Agent Configuration.
- ❖ Integration and support of emerging standards for IP based emergency services, e.g. specified by the ECRIT group in IETF.

- ❖ Week-long engineering test events
 - Now once a year
 - Moves around the globe
- ❖ Averages around 100 implementations
 - 60 to 90 companies
 - 16 to 20 countries

Goal: Find and Fix What Doesn't Work

- ❖ Issues are corrected in real-time
 - Allows immediate retesting
- ❖ Very high-yield testing
 - Participants claim 4 to 6 months of results from the week at SIPit compared to what they would achieve testing separately

Goal: Find and fix what doesn't work

❖ The Standards improve

- If two teams have to argue about the specification, the specification needs to be corrected
- Testing identifies errors and omissions in the Standards
- Reports from the SIPit allow the IETF to remain focused on real industry needs

Bakeoff →

Past Events

SIPit 1 (April 1999) - SIPit 29 (October 2011)

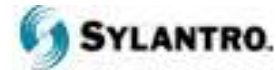
Prior Hosts



pulver.com

ERICSSON

3COM



NICT



TANDBERG

Upcoming **SIP**[↻]**it** Events



Raleigh-Durham, North
Carolina
February 18-22, 2013
Hosted by Cisco Systems

www.sipit.net

SIPFORUM

SIP Forum: The View Forward in 2013

Richard Shockey, Chairman of the Board
2012 SIP Forum AGM

Opportunities and Initiatives

- ❖ The Transition from POTS to All SIP Carrier Interconnection is Accelerating
 - FCC/CRTC Initiatives
 - IAB/IETF Plenary in Orlando, March 2013
- ❖ Developing a Unified Communications Profile (aka, SIPconnect 2.0)
- ❖ Ongoing coordination with other fora and technical organizations (IMTC, UCIF, i3 Forum, etc.)
- ❖ Full Membership Recruitment
- ❖ Expanded Outreach to Carrier Organizations
- ❖ Questions?

Interested in Joining the Groups?

Subscribe to the Task Group Mailing Lists to learn about scheduled meetings and get involved in the work and discussion:

Visit the SIP Forum Mailing Group Webpage at:

<http://www.sipforum.org/content/view/41/165/>

Thank You for Your Continued Support!

Richard Shockey, richard@shockey.us

Marc Robins, marc.robins@sipforum.org

Final Adjournment