



The International Multimedia Telecommunications Consortium

Inside IMTC

S4-130692

3GPP SA4#74, 8-12 July 2013, Dublin Ireland,

Frédéric Gabin – Ericsson - IMTC Board

For information



Who Are We?

More than 30 market leaders in unified communication and multimedia content delivery fields

Working together to create interoperable, standards based products

In a Non Profit Organization



Some of Our Worldwide Members

SONY

LifeSize

SAMSUNG

orange

QUALCOMM

BlueJeans
NETWORK

SIEMENS
Siemens
Enterprise
Communications

CISCO

MAGOR

ZTE中兴

ALLEGRO
Digital Video Technology

NOKIA
CONNECTING PEOPLE

at&t

Vidyo

ERICSSON

Fraunhofer
IIS

LG

pv

AVAYA

Sonus
NETWORKS

POLYCOM
Connect. Any Way You Want.

HUAWEI

intel

NXP

BlueJeans

RealNetworks.

NEXTREAMING



Our Mission

To improve customer experience and accelerate market adoption of content delivery and unified communications solutions through interoperability of products and services based on open standards.



Our Goals and Objectives

Identify obstacles to growth and success of the industry - recommend and/or implement solutions

Facilitate interoperability testing of real-time, multimedia telecommunication products and services

Develop and advocate requirements to standards-defining organizations



Our Goals and Objectives

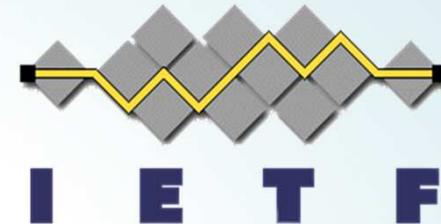
Advocate common industry interests through education and promotion

Serve as impartial source of information to end-users, press, industry analysts, legislators, and regulators

Provide opportunities for industry to meet and exchange ideas

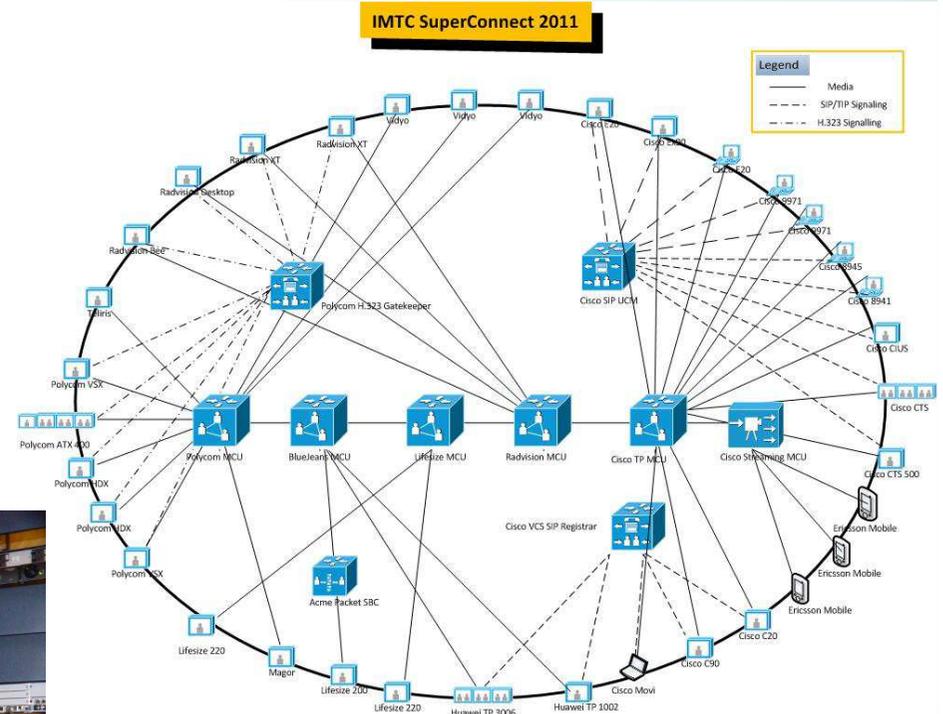


Liaison with Standards Bodies





Focus on Interoperability





Interoperability Testing Events (IOT)

- IOT events are organized by each Activity Group on as needed basis
- Test plans are built and maintained individually by each Activity Group
- IMTC conducts once a year, industry flagship all-members IOT event called **SuperOp!**, getting together about 100 engineers from 25-30 companies
- All IOT events are strictly **engineering** events covered by very explicit [Rules of Engagement](#)
- All results of the IOT testing are used to improve interoperability of participant's products and to provide feedback to the SDOs to improve standards



Working Groups

- Carrier Technologies
 - IMS (VoLTE, RCS)
 - Packet Switch Streaming (DASH)
- Unified Communications
 - SIP Parity
 - SVC
 - TIP and Telepresence
 - WebRTC
- Requirements and Education
 - CTI
 - IPR
 - Marketing



IMTC Value for Vendors

- Access expert level know-how”, an engineering community working in the same technical subject area (an Activity Group)
- Participate and facilitate development of the testing plans and best common practices
- Participate in time-proven “best-of-the-breed” interoperability testing events with ability to test against even unreleased, developer-only and concept products (the same capability in the vendor’ s testing lab would command 6-7 \$ digit investments)
- Ability to influence the standards and provide feedback (as a group) to the SDOs



IMTC Value for SPs/Operators

- Ability to participate in and influence development of the testing plans, best common practices and profiles
- Access to the relevant group of companies in order to directly feed in market requirements
- Ability to drive testing plans and testing process towards certification and compliance
- Opportunity to test network readiness and to measure key performance characteristics via participation and support for IOT events
- Ability to influence development of the standards and provide feedback to SDOs as part of the group
- Early access to pre-released equipment via participation in the IOT events and ability to influence feature-sets.



SuperOp! 2013 - overview



- April 29th – May 3rd, 2013 in Porto, Portugal
- Attendance: 85 engineers from 26 companies
- SuperConnect (mega-video-conference involving all participants) details:
 - 35 minutes to setup
 - 50+ endpoints, from mobile clients to 3-screen telepresence systems
 - 6 Conferencing Bridges + GWs and SBC
 - Utilized protocols: SIP, H.323, TIP, H.264 SVC



SuperOp! 2013 - tests



- Packet Switch Streaming (HTTP streaming, MPEG DASH and 3GP-DASH)
- IMS
 - VoLTE IR.92 testing
 - RCS basic OMA profile (in cooperation with OMA)
- SIP Parity (focus on SIP Video-conferencing best practices)
- Conferencing over IP (ad-hoc H.323 testing)
- TIP (focus on TIP profile v7 and v8)
- SVC (focus on H.264 temporal SVC)
- Carrier Technologies Interoperability (focus on OVCC basic profile, officially endorsed by OVCC)



The International Multimedia Telecommunications Consortium

IMS AG

Co-Chairs: Bo Jönsson (Ericsson) and Sagi Subocki (RADVISION)





IMS AG

Objectives / Mission:

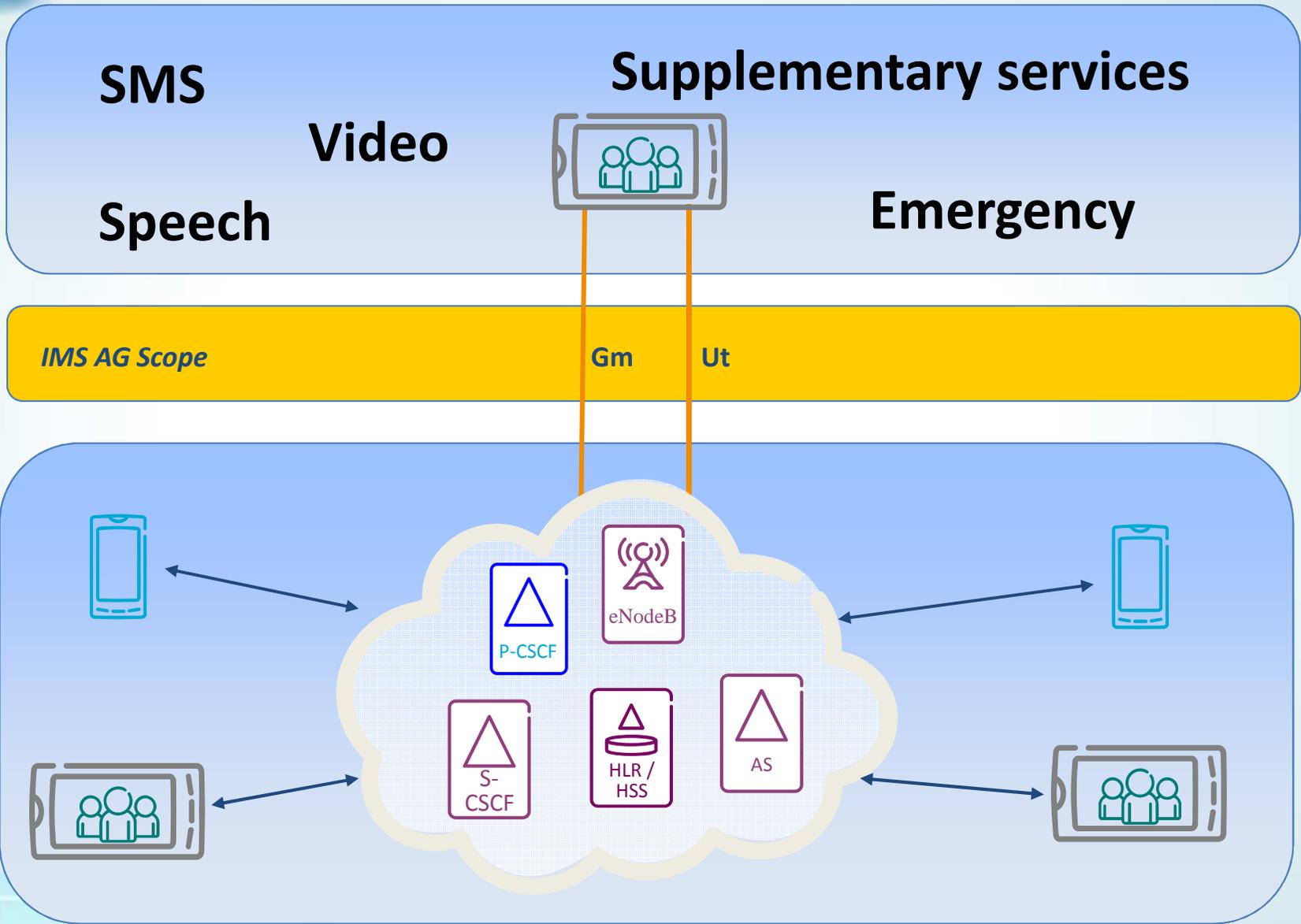
- Mission: Prepare test specification documents and conduct interoperability testing events for IMS voice, video and SMS services published by GSMA (VoLTE - PRD IR.92, IR.94 and IR.39). Focus on UNI aspect of End-to-End Interoperability
- Improving interoperability of VoLTE IMS devices
- Provide feedback for improvements to national and international standardization bodies e.g. GSMA and 3GPP

Next F2F event !

- We are planning an IMS F2F event in Sophia Antipolis, France 14 - 18 October. Hosted by Ericsson and [com4innov](#).
- Voice and Video testing will be supported on an E-UTRA/IMS IR.92 network architecture.



IMS Activity Group





The International Multimedia Telecommunications Consortium

Packet Switch Streaming Activity Group

Chairman: Ingo Hofmann (Fraunhofer)



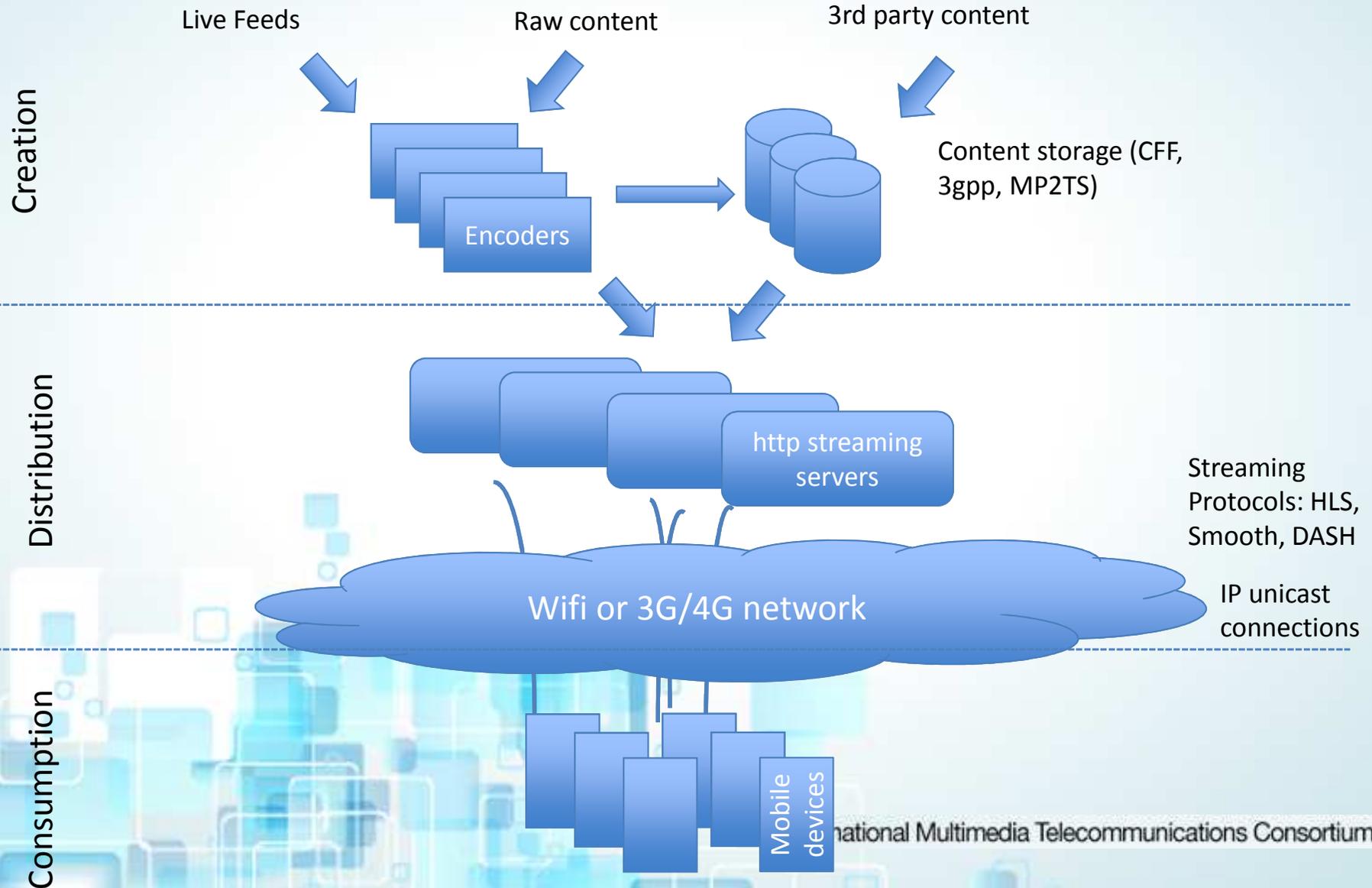


PSS AG: Status and goals

- The PSS AG defines testing plans and performs interoperability tests for Packet-Switched Streaming Services according to the relevant technical specifications including MPEG and 3GP-DASH
- The scope of the tests also includes standards not covered by 3GPP but widely adopted by the industry with focus on HTTP streaming protocols
- Testing scope covers the creation, delivery, and playback/consumption of multimedia content over wireless networks
- Interoperability issues are clarified among PSS participants and requests for clarifications/recommendations are fed back to relevant specifying bodies



PSS AG - Testing Architecture





20th Anniversary Forum – Porto, Portugal

Dates: 8-10 October 2013

Venue: Porto Palacio Hotel

Room Rate: 105 Euros/night



This will be an exciting event with:

- Keynote presentations and Technology updates (MPEG DASH, WebRTC, HTML5, HEVC/H.265, IMS Video over LTE, Telepresence...)
- Panel discussions
- 2013 Leadership Awards
- and a big reception to properly celebrate IMTC's 20th anniversary.

The International Multimedia Telecommunications Consortium



20th Anniversary Forum – Porto, Portugal

Today and tomorrow of visual communications, building on 20 years of technology breakthroughs

- Registration for the event is open
 - 25% discount for early birds
- For details, please check the IMTC events page:
 - <http://imtc.org/forum2013/>
 - Visit the page often as it will be updated with logistics, the agenda, speakers and other useful information as it becomes available!
- We are expecting many old timers and distinguished guests:
 - former Presidents, officers and Board members; Award recipients; IMTC Fellows; SDOs officials and other IMTC friends...
- See you all in Porto to celebrate and learn about the latest trends!



Want To Know More?

Visit our site – www.imtc.org

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