



Joint ITU-T Workshop and IMTC Forum 2006

on “H.323, SIP: is H.325 next?”

SAN DIEGO, CALIFORNIA, USA, 9-11 MAY 2006

Introduction

The rollout of NGN will bring with it a new era of multimedia communications, and with that a need to consider updating or replacing the currently used H.323 and SIP multimedia protocols.

The question is whether to pursue development of a new protocol and a new generation of multimedia communication systems, or define new multimedia capabilities and functionalities for existing protocols. Perhaps some consideration needs to be given to service control interface specifications. With work already under way in ITU on a new protocol dubbed H.325, the industry must decide whether to invest more time and resource into this pursuit.

The answer to this question will be one of the more fundamental issues addressed at this IMTC Forum and ITU-T Workshop, which will have to consider:

- Market acceptance
- Market need
- Benefit to end users
- Benefit to service providers
- Benefit to enterprise information technology (IT) staff

Additionally, the following topics will be addressed:

- New developments regarding video codecs following H.264, new audio and speech codecs, as well as new MPEG/JPEG standards
- Web activities – such as protocols, human interface needs, etc.
- IPTV
- Mobile network aspects
- Utilization of NGN capabilities in multimedia communication systems

The workshop will focus on these topics and others aiming to define what direction multimedia standardization should take in coming years.

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Advance Programme

DAY 1, 9 MAY 2006

08:30-09:30 **REGISTRATION**

09:30-10:45 **OPENING SESSION**

Chairman: Istvan Sebestyen (SG16 Vice-Chairman and IMTC President)

10:45-11:15 **COFFEE BREAK**

11:15-13:45 **SESSION 1: REAL-TIME CONFERENCING/CONVERSATION**

Chairman: Pierre-André Probst (SG16 Chairman)

Objectives: This session focuses on the question whether, with the emergence of the Next-Generation Network (NGN), there will be a third generation of ITU-T-defined Multimedia Systems and Terminals (dubbed H.325). And if so, how would it look? A key point of discussion will be whether a new generation system of this kind would use the “aging” H.323 and SIP protocols, or would define and use a completely new protocol stack.

13:45-14:45 **LUNCH BREAK**

14:45-16:30 **SESSION 1 (cont.)**

Objectives: A lot of new, interesting multimedia communication developments are currently taking place on the internet. Some of them are based on specifications developed by SDOs and forums; others are *de-facto* standards based on successful applications. This session will introduce and discuss them.

16:30-17.15 **PANEL DISCUSSION: WHAT NEXT? AS PER THE THEME OF THE WORKSHOP**

Objectives: A panel of speakers of the day will discuss with the audience the issues raised in previous sessions, and attempt to draw conclusions for future trends and standardization needs.

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DAY 2, 10 MAY 2006

08:30-09:30 SESSION 2: IMTC AWARD

Chairman: Istvan Sebestyen (SG16 Vice-Chairman and IMTC President)

Objectives: As a traditional ceremony of the IMTC Forum, each year awards are given to those individuals and/or groups that have shown outstanding leadership in the field of multimedia communication. One of the award recipients will address the workshop with a keynote speech.

09:30-09:45 COFFEE BREAK

09:45-12:15 SESSION 3: NEW DEVELOPMENTS IN MEDIA CODECS

Chairman: Dave Lindbergh (SG16 Vice-Chairman)

Objectives: This session introduces the latest developments in media coding (such as audio, speech, video and still pictures). Special attention will be given to the issues of media coding related to the NGN.

12:15-13:30 LUNCH BREAK

13:30-15:30 SESSION 4: IPTV

Chairman: Ajay Luthra (Motorola)

Objectives: IPTV is an attractive multimedia application that is currently getting a lot of attention. The goal of this session is to introduce important developments and standards in the field in order to find out what ITU-T and IMTC might do in this evolving area.

15:30-16:15 PANEL DISCUSSION: IPTV STANDARDS

Objectives: Discussion by speakers and other invited panelists on IPTV in order to achieve a common view on the trends and actions to be taken.

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DAY 3, 11 MAY 2006

08:30-10:30 SESSION 5: MOBILE MULTIMEDIA TECHNOLOGIES

Chairman: Mitch Lewis (Dilithium Networks Inc.)

Objectives: This session will concentrate on new developments and progress in the area of Mobile Multimedia Applications and Systems (including standards, applications, etc.).

10:30-11:00 COFFEE BREAK

11:00-12:45 CLOSING SESSION

Chairmen: Istvan Sebestyen and Pierre-André Probst

For updated information, please see: www.itu.int/ITU-T/worksem/h325/200605/

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ITU Telecommunication Standardization Bureau (ITU-T) • Place des Nations • CH-1211 Geneva 20 • Switzerland

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