



International Telecommunication Union  
International Multimedia Telecommunications Consortium



# Workshop Objectives

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## Workshop Objectives



**Is the present set of SG16 MM standards NGN compliant?  
H.323/H.248 Series (\*):**

- 😊 **packet-based ?**
- 😐 **separation of control functions among bearer capabilities, call/session, and application/ service ?**
- 😞 **decoupling of service provision from transport, and provision of open interfaces?**
- 😐 **support for a wide range of services, applications and mechanisms based on service building blocks (including real time/ streaming/ non-real time and multimedia services) ?**
- 😊 **Broadband capabilities with end-to-end QoS (Quality of Service) ?**
- 😐 **Interworking with legacy networks via open interfaces ?**
- 😐 **generalized mobility**

**(\*) Reference: IMTC-Spring Forum, May 2005, Eibsee/Germany**



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### Is the present set of SG16 MM standards NGN compliant? H.323/H.248 Series (\*):

- ☹ **unrestricted access by users to different service providers;**
- ✋ **a variety of identification schemes**
- ✋ **unified service characteristics for the same service as perceived by the user;**
- 😊 **converged services between fixed/mobile**
- 😊 **independence of service-related functions from underlying transport technologies;**
- 😊 **support of multiple last mile technologies**
- 😊 **compliant with all regulatory requirements, for example concerning emergency communications, security, privacy, lawful interception, etc.**

(\* Reference: IMTC-Spring Forum, May 2005, Eibsee/Germany



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### ○ *Some of the latest developments in MM telecommunications:*

- **Application level:**

- Machine-Machine Communication (Internet of things, RFID, GRID, ...)
- Triple play (IPTV, ...)
- Convergences fix-mobile-broadcasting
- Media coding
- ...

- **Network platform level:**

- NGN deployment and standardization
- Optical transport and switching/routing
- ...



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### *What next?*

- Do we need a 3rd Generation of ITU-T MM Systems and Terminals protocol?
- Do we have to define new MM capabilities and functionality for existing protocols?
- **SG16 has progressed towards the definition of the requirements (H325 Project)**



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**Workshop should provide further input on the following aspects:**

**→ General considerations:**

- market acceptance/need
- benefits to end users, service providers, ...

**→ Specific aspects:**

- New developments regarding video, audio, speech codecs
- Web activities-protocols, human interface needs, etc.
- IPTV
- Mobile network aspects
- NGN capabilities in MM communication systems