

# IMS enabling interactive IPTV services

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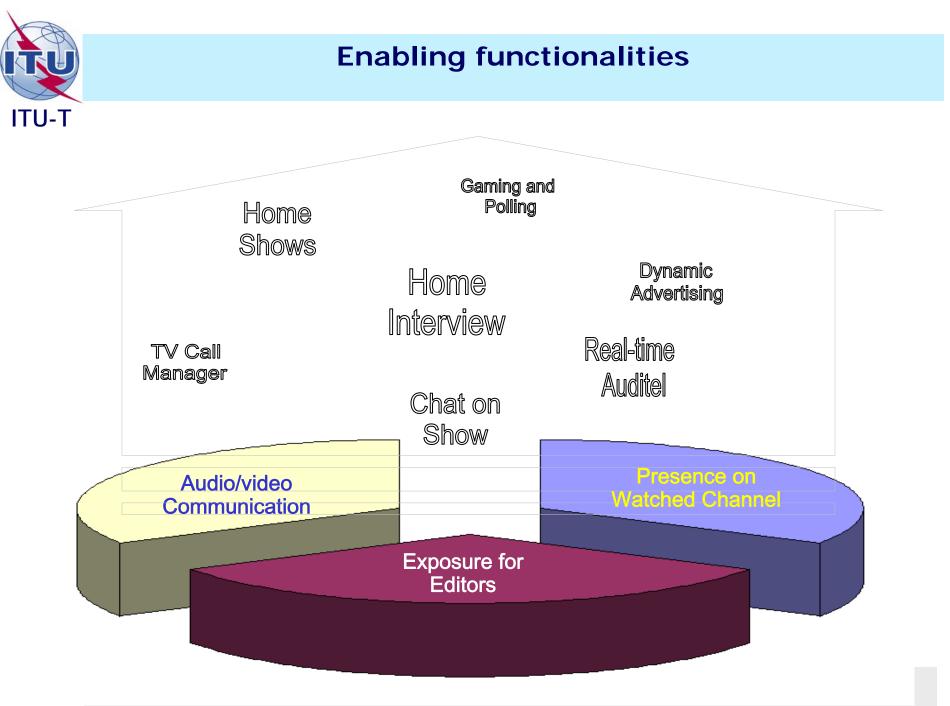
- An interactive IPTV service concept
- The enabling functionalities
- o Discussion about architecture
- The hot topics TI is investigating
- o Conclusions
- Question and answers



#### An interactive IPTV service concept

My picture is now on the TV... all spectators can see the video coming from my house... and I can talk with the cameramen and with the champion... let's start my PERSONAL INTERVIEW... What an unforgettable race !!







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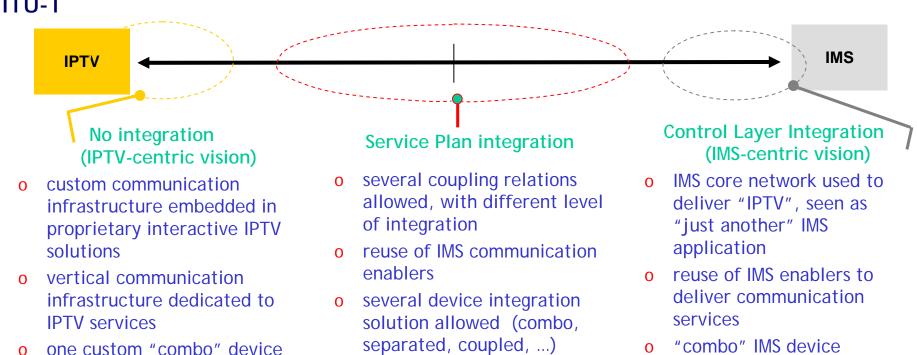
rchitecture

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- Audio/Video communication
  - bringing communication as close as possible to the TV-set (user perspective)
  - Presence on watched channel
    - adding the watched channel in the RPID, and using it with the other presence attributes.
- o Exposure for editors
  - creating a flexible infrastructure to enable new TV formats offered together with other players (content and service providers).



#### Architecture: Comm/IPTV integration



## The integration should follow the following priorities

Market (increasing value on IPTV services)
Architecture (re-using legacy as much as possible)



Complexity (time?)

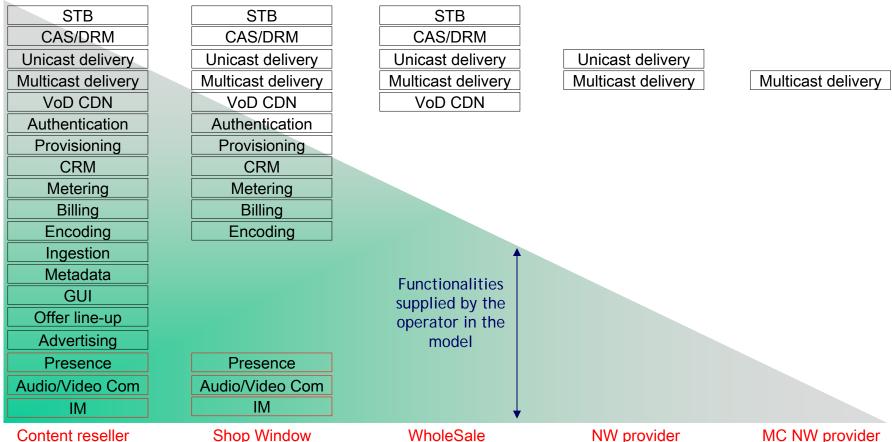
#### Architecture: IMS/IPTV integration

	Network integration	Client Integration	Enabled scenarios
	Integration of IMS enablers (service layer level)	No integration	<ul> <li>Services based on watched-channel Presence (real-time auditel, prize games on watched channels, building od temporary buddy lists based on watched channel and other RPID attributes)</li> <li>3° party calls started by IPTV apps (e.g. MHP)</li> <li>No use of IMS for security, AAA, and charging, Qos</li> </ul>
	Integration of IMS enablers (service layer level)	Slightly integrated IMS and IPTV clients	<ul> <li>Services based on watched-channel Presence (see above)</li> <li>Sharing of the TV display for IMS applications (e.g. IM client, incoming call manager, etc.)</li> <li>No use of IMS for security, AAA, and charging, Qos</li> </ul>
	Integration on both service and control layer	Tighly integrated	<ul> <li>o Services based on watched-channel Presence (see above)</li> <li>o Full integration of IPTV and communication features (audio/video calls, IM, etc.)</li> <li>o Use of IMS for security, AAA, charging, Qos</li> </ul>

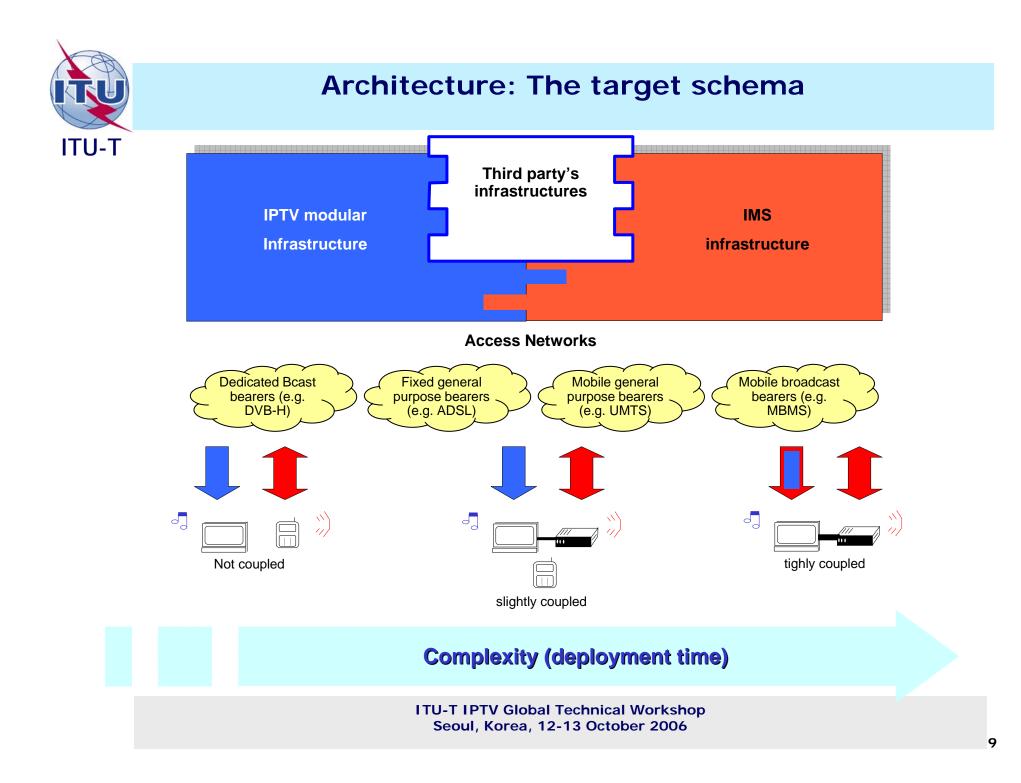


#### Architecture: Flexible Exposure and business models

#### ITU-T



## A modular composition (SOA) of the functionalities/enablers allows multi-model approach in 3° party integration





### Hot topics

- o Interactive TV formats
- o Identity management in the home
- o IMS/IPTV integration (step-by-step)
- CE vision and business models
- SL SOA architecture (modularization of infrastructure)



#### Conclusions

- IMS is the right technology in order to PUSH interactivity on IPTV services, but the focus must be set on market requirements and legacy rationalization.
- The architecture, in order to allow flexibility on business models, must be designed to be open, but controlled, to third parties.



#### **Questions & Answers**

