

IMS enabling interactive IPTV services

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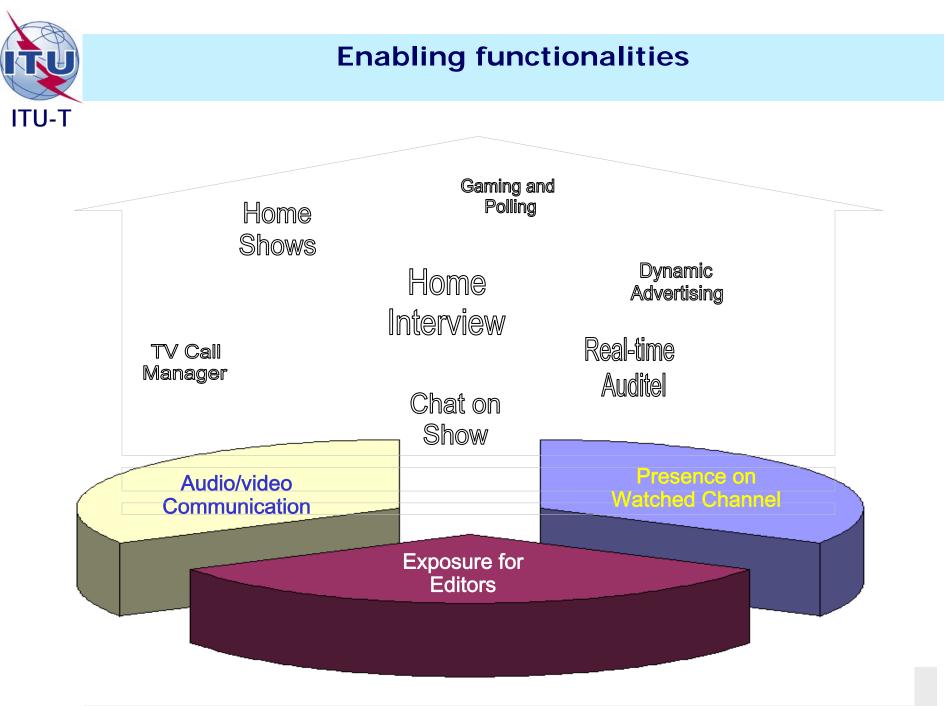
- An interactive IPTV service concept
- The enabling functionalities
- o Discussion about architecture
- The hot topics TI is investigating
- o Conclusions
- Question and answers



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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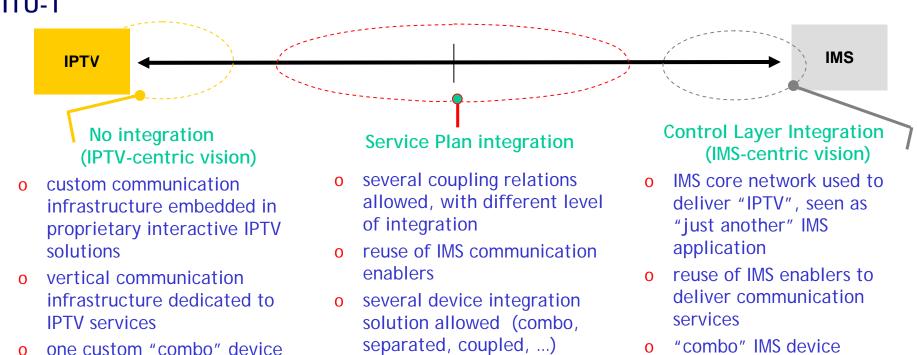
rchitecture

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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?)

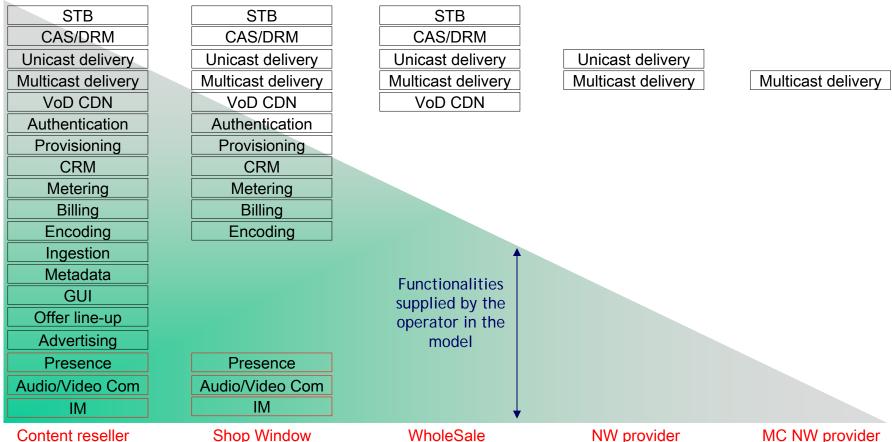
Architecture: IMS/IPTV integration

| | Network integration | Client Integration | Enabled scenarios |
|--|---|---|---|
| | Integration of IMS enablers (service layer level) | No integration | 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) 3° party calls started by IPTV apps (e.g. MHP) No use of IMS for security, AAA, and charging, Qos |
| | Integration of IMS enablers (service layer level) | Slightly integrated IMS and IPTV clients | Services based on watched-channel Presence (see above) Sharing of the TV display for IMS applications (e.g. IM client, incoming call manager, etc.) No use of IMS for security, AAA, and charging, Qos |
| | Integration on both service and control layer | Tighly integrated | o Services based on watched-channel Presence (see above) o Full integration of IPTV and communication features (audio/video calls, IM, etc.) o Use of IMS for security, AAA, charging, Qos |

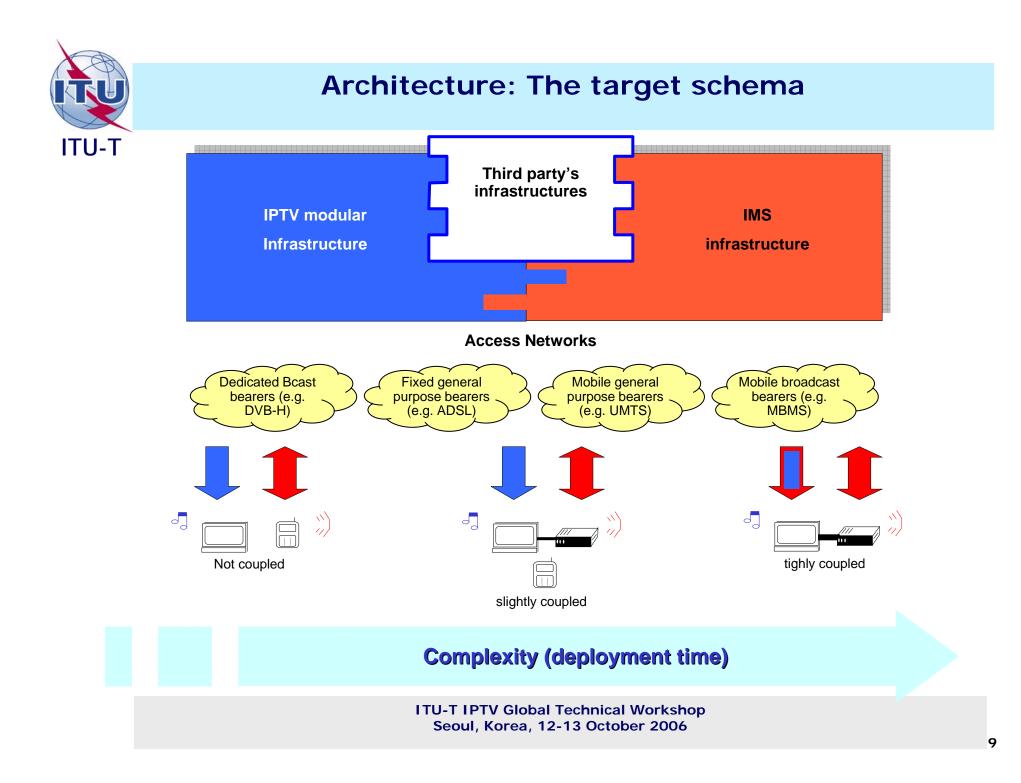


Architecture: Flexible Exposure and business models

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

