Session 5
Market Opportunities and Challenges
09:00-10:30, 21 April 2006

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Chair, SG 13/WP 1
Objectives

- discuss business opportunities
- driving forces for implementation
- user benefits, operator benefits
- regulatory impact
- to provide a state-of-the-art overview of global trends
- focus to the Asia-Pacific region from the different perspectives
- operators and vendors / suppliers views

Outline

- 4 presentations á 15 min
- 30 min discussion, Question & Answers
All-IP migration of telephone network and further evolution toward fixed-mobile network convergence

Yasunao MISAWA (KDDI Corporation, Japan)

Opportunities and challenges for a global system vendor

Keith MAINWARING (Cisco, USA)

Call server based evolution scenario in China

ZHAO Hui Ling (China Telecom, China)

Evolution from PSTN to NGN in China

FAN Dongyang (SCNB, China)
Summary/Conclusion

- QoS in Access and Core now implemented based on priority schemes, all new mechanisms need to be cost efficient for ROI.
- Voice and messaging services implemented on IP as a first step, MM services coming next.
- Migration scenarios depend on operators' environment and regulatory aspects.
- IMS sufficiently stable to be implemented as an element of NGN.
- Differences wrt. to regulation between fixed and mobile networks cause different migration speeds towards NGN.
Consequences for Standardisation

- Architecture needs to be modular to enable „plug-in“ concept
- Priority for open interfaces may vary depending on local market
- International standards for unified database/SHLR standards (data models and protocols) may be needed later based on local implementations
- NGN needs to take requirements on openness, like access to the Internet, into account