

Key Issues on Future Internet

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Trends

- Smart products and processes
- Content available everywhere, everytime for every one
 - Ubiquitous social interaction.
 - Shared digital assets
 - Context sensity and adaption
- Highly personalized market
 - Customers becoming consumers.
 - “Desintermediation”
- Open platforms and standards .

Trends

- Ultra-high bandwidth for supporting video-rich services
- Changes of value chain
 - Entertainment, broadcasting, media and publishing
- Trust, security and identity as Key services.
 - Dynamic security.
- Governance & Regulatory demand.

Key Issues

- Going beyond the limits of the current technology
 - Different rate of building blocks development such as optical links, processors, mass storage...
- Maximizing scarce resources
 - Wireless spectrum: increasing number of devices and risk of interference
 - Optimization of energy consumption.
- Trust and security
 - Personal information is exchanged among an increasing number of devices and networks
 - How to keep the information within the desired domain?
 - Need for new regulatory policies .

Key Issues

- User-driven innovation shaping societal changes
 - Natural evolution of Web 2.0 approach.
- Personalization
 - Benefits for the users and business
 - Loose of shared values and cultures
- Need for Standards.
- New business models
 - Global value chain.
 - Regulatory problems beyond the borders
 - IP (Intellectual Property).

Key Issues

- Accountability, governance and sovereignty.
- Ethics as a new order
 - Control of Ownership
- Sustainability
- Humanism
 - Everywhere, everytime.
 - Preservation of Human Values

Questions?

