

IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS

INDUSTRY FORUM & EXHIBITION

9-13 JUNE • BUDAPEST, HUNGARY

Future Network – Do you like it?

Kari Aaltonen Head of Network Operations and Architectures Nokia Siemens Networks, Research June 10th, 2013

Nokia Siemens Networks

Key requirements towards 2020, as of today



We cannot predict all the use cases so flexibility is a key requirement



How to meet the requirements?

MOBILE BROADBAND



Cognitive networks to personalize user experience and network





Thank You!



Information Centric Networking: Accessing right content irrespective of its location (IP address)





IoT Ecosystem

- Building Blocks
 - Faster and cheaper productivity of IoT HW
 - Connectivity has improved
 - Cloud computing as the enabler
- Verticals
 - E.g. B2B applications (robotics, etc.)
- Horizontals
 - Who has "The SW Platform"?
 - Is there a single platform for all the verticals?
 - Support by the connectivity!?



[©] Matt Turck (@mattturck), Sutian Dong (@sutiandong) & FirstMark Capital (@firstmarkcap)

Ref. Matt Turck: Making Sense of The Internet Of Things, May 25th, 2013; techcrunch.com



7 © Nokia Siemens Networks

For Internal use only