



Future Internet Service Offer: Achievements

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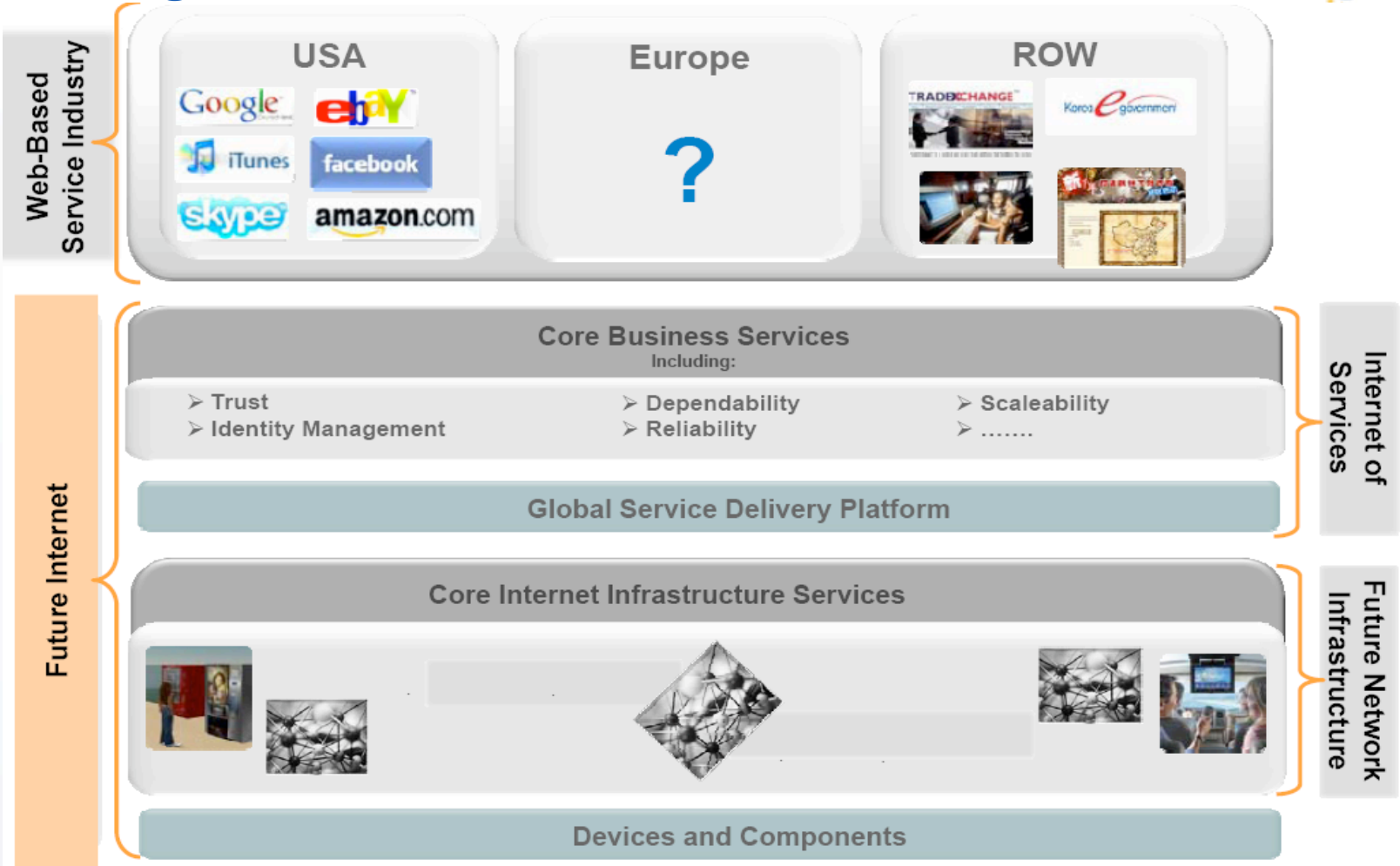
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Background



Source: ftp://ftp.cordis.europa.eu/pub/fp7/ict/docs/ch1-g940-280-future-internet-ld_en.pdf



Goal of the Session



Continue the process to answer:

Requirements for the Future Internet Service Offer?

Desired functionalities for the Future Internet Service Offer?

Do we need a new (comprehensive) architecture?



Overall Process Model



Nov 2008

Introductory panel discussions in the FI of Services networking session @ Lyon

Dec 2008

Panel discussions during FIA Madrid to list FISO requirements
Panel coordinators to write report about their panel discussion

Jan 2009

Publishing FISO requirements for comments at:
<http://services.future-internet.eu/>

Call for projects to write position papers on on requirements based on (early) results. Contributions published on URL above. Contributions should target current Internet limitations to aid definition of Future Internet

April 2009

Prepare for Prague FIA based on above.



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Requirements (1/2)



Internet of Services and Internet of Things: adapting to user, task and location in a seamless fashion

Persistent Personal Spaces – adapt and learn according to context

Adhoc dynamic -> “hop security” transitive transparent partial

Real physical world -> proximity, safety!

User generated services and user generated content: Similarities and Differences

Who is the user??

Multiple roles pervasive

Everyone is the user (and provider).

Partial value-add chain of users



Requirements (2/2)

Beyond Amazon: Using and offering services in a cloud

Closed Black Box -> open reservoir (cross organisational domains)

Outsource clouds – interlinking clouds

Grid influence Large scale data management, programming models, self*, infrastructure based on p2p

Utility costs and efficiency – workload consolidation requires instrumentation

Global service delivery platform for the future internet: What is it and how to use it for innovation?

Services are not just WSDL Web Services

New types of of services will emerge which we do not know of

Enterprise prosumers

Web services disseminated through social channels



<http://services.future-internet.eu/>



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