



The European Way to Cloud Computing Leadership

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Introduction and objective

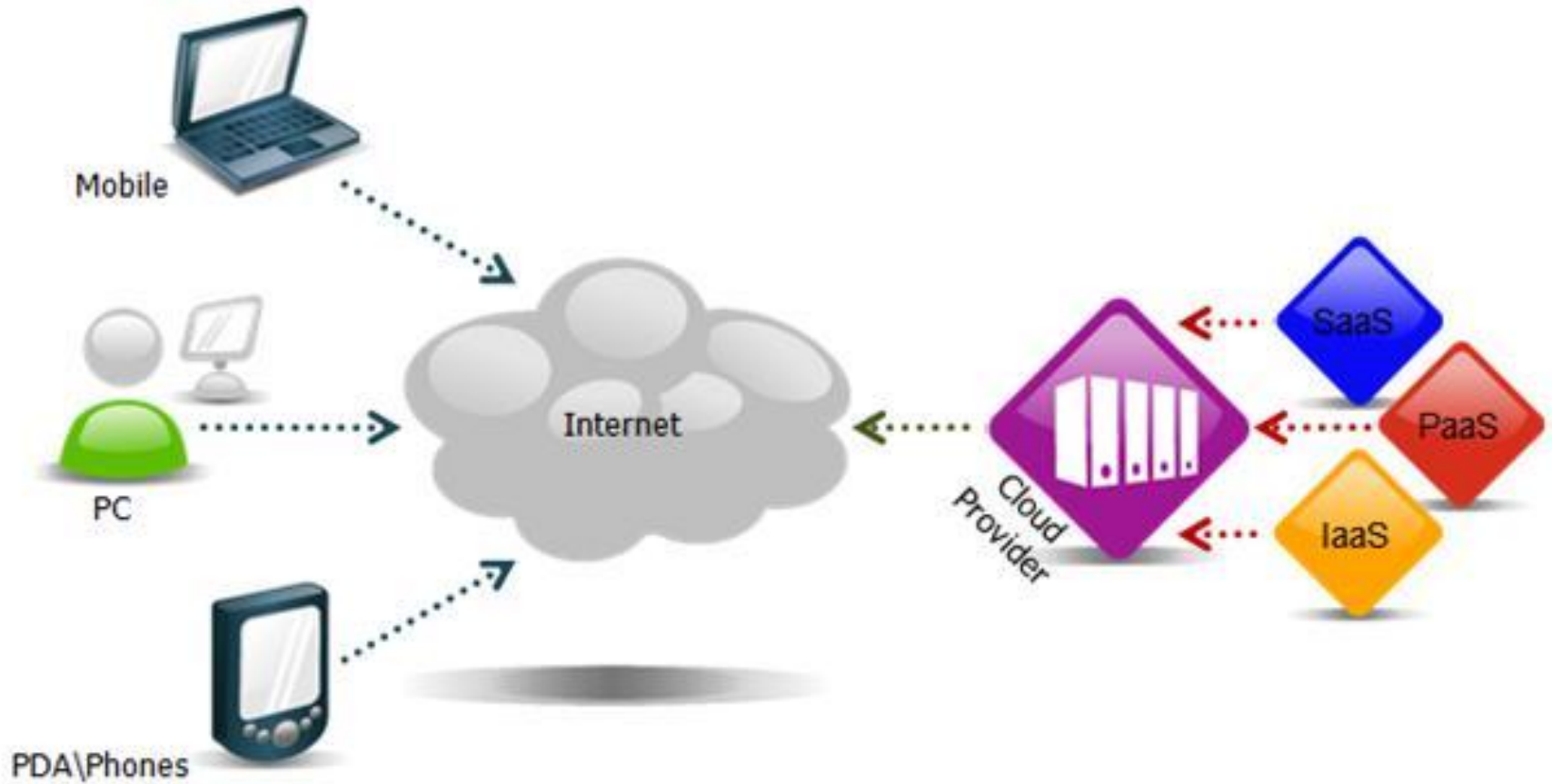
Enabling and facilitating faster adoption of cloud computing

throughout all sectors of the economy

to help cut ICT costs and boost productivity, growth and jobs



European
Commission



General impact on users

Supply side: new opportunities for telcos, equipment, services providers

Demand side: Productivity potential for all; quicker and less risky professional IT for new users (e.g. start-ups)

Relevant activities under way

Digital Single Market

Access to content online

Simplifying transactions (e.g. eID)

Trust and Confidence (e.g. Data Protection)

Three Key Actions

1. Cutting through Jungle of Standards
2. Safe & Fair Contract Terms & Conditions
3. European Cloud Partnership

1. Cutting through the Jungle of Standards

ETSI (European Telecoms Standards Institute) to coordinate stakeholders & identify necessary standards (e.g. for security and interoperability)

Recognise ICT technical specifications for data protection

ENISA & others to assist development of EU-wide voluntary certification schemes

2. Safe and Fair Contract Terms

Develop with stakeholders model terms for cloud computing service level agreements for professional cloud users

European model contract terms and conditions pursuant to Common European Sales Law; expert group for cloud-related issues beyond the CSL

Review standard contractual clauses & binding corporate rules for international data transfers by cloud providers

3. European Cloud Partnership: What

Identify common requirements for public sector cloud use

Towards common & joint public procurement of cloud services

Shape the market to benefit private use

3. European Cloud Partnership: How

Steering Board: industry and MS

Pre-Commercial Procurement Action with MS (FP7, EUR 10m call published), with industry input

Umbrella for MS cloud activities

Other Actions

Focus Future European Research Funding
Horizon 2020 support

Connecting Europe Facility (including
Commission IT) will use cloud

Cloud in International Dialogue and free-
trade negotiations

European Cloud Communication: Conclusion

- Closed models and vendor lock-in are a danger for Cloud model take-up
- Appropriate standards and certification schemes need to be identified
- The Public sector has an important role for the shaping of the Cloud computing market

Further Information

European Cloud Computing Strategy

http://ec.europa.eu/information_society/activities/cloudcomputing/index_en.htm

Digital Agenda for Europe

<https://ec.europa.eu/digital-agenda/>

Software & Service Architectures and Infrastructures

<http://cordis.europa.eu/software-services>

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