

Cloud Computing and Telecommunications

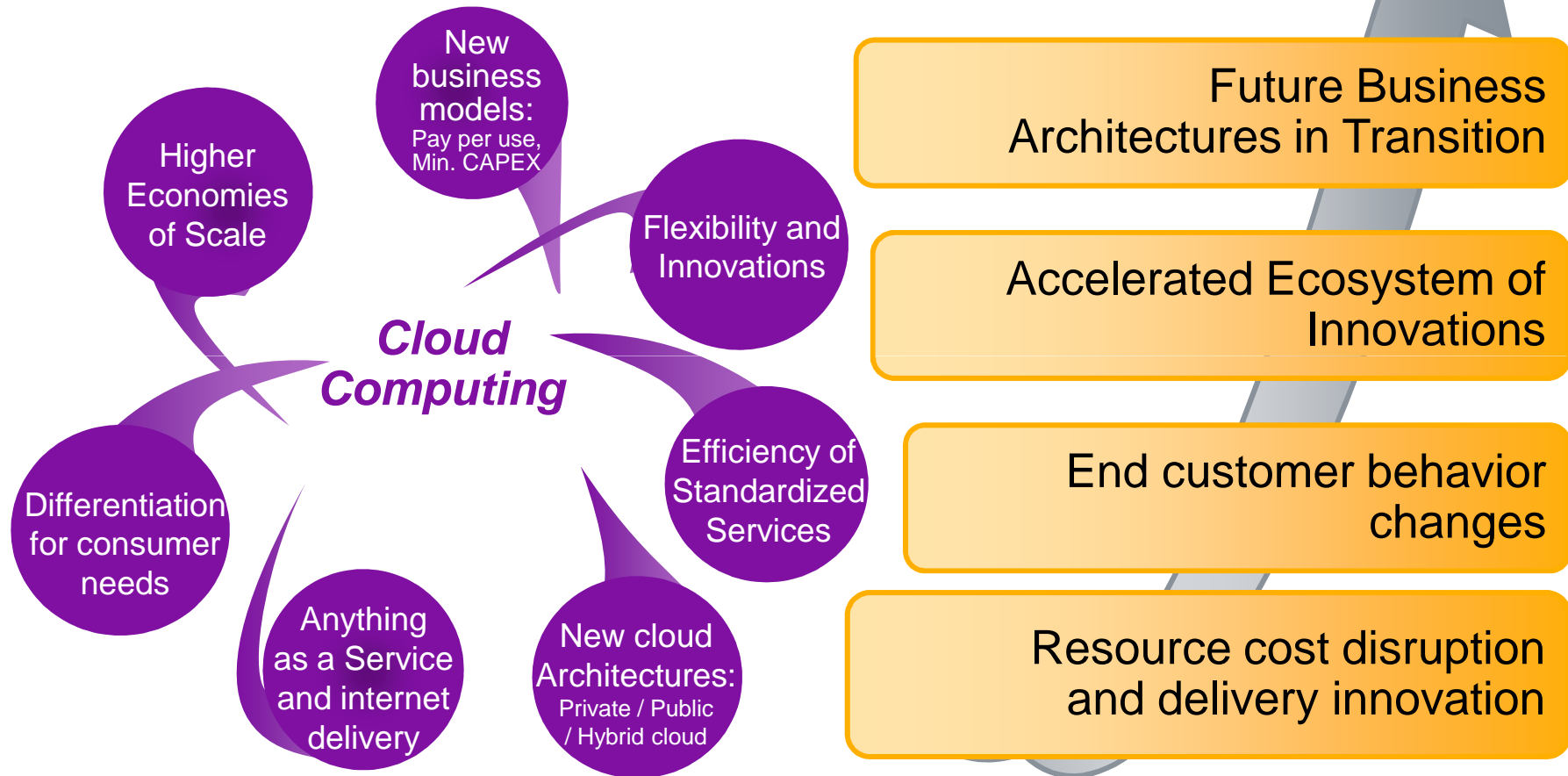
ETSI Workshop on Grids, Clouds and Infrastructures, December 2nd, 2009

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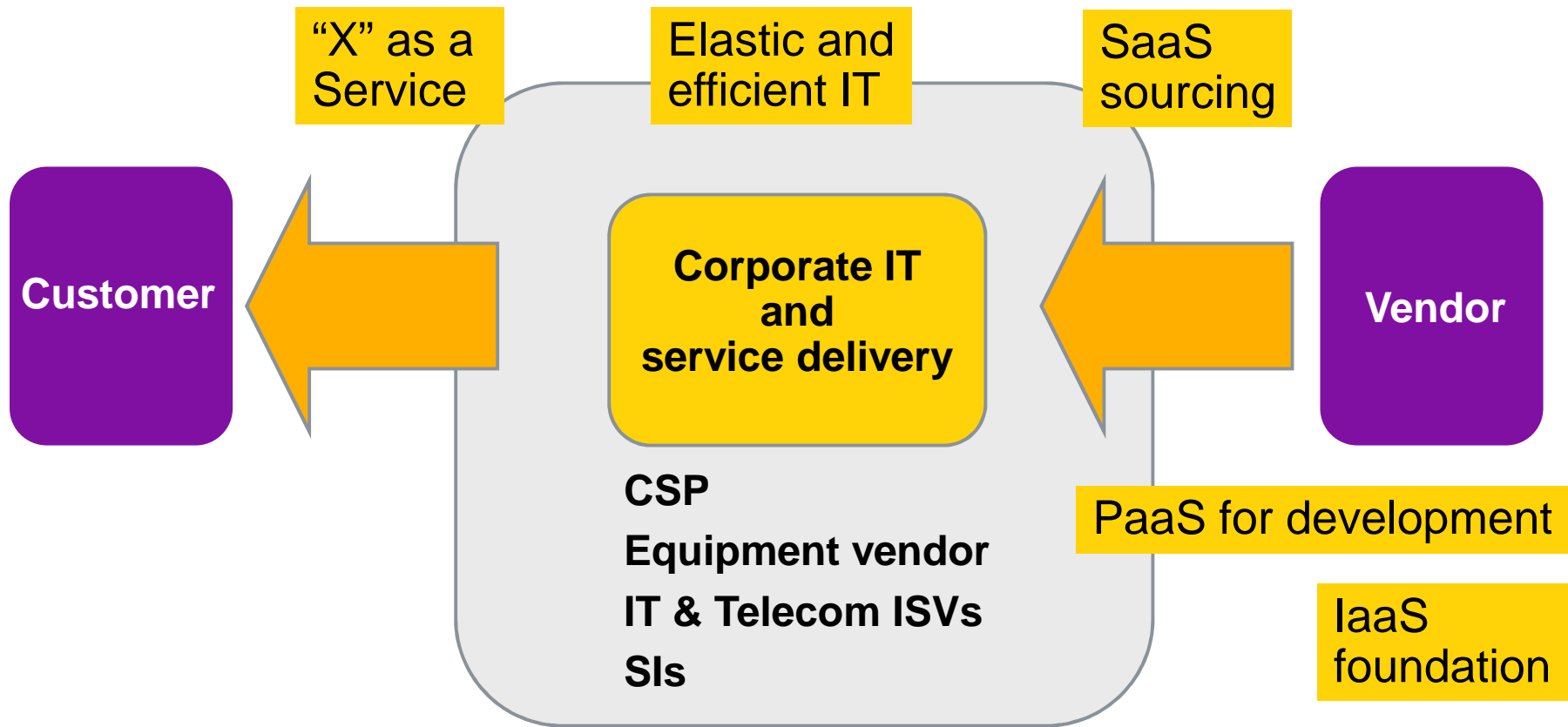
Fellow

Operations and Business Software

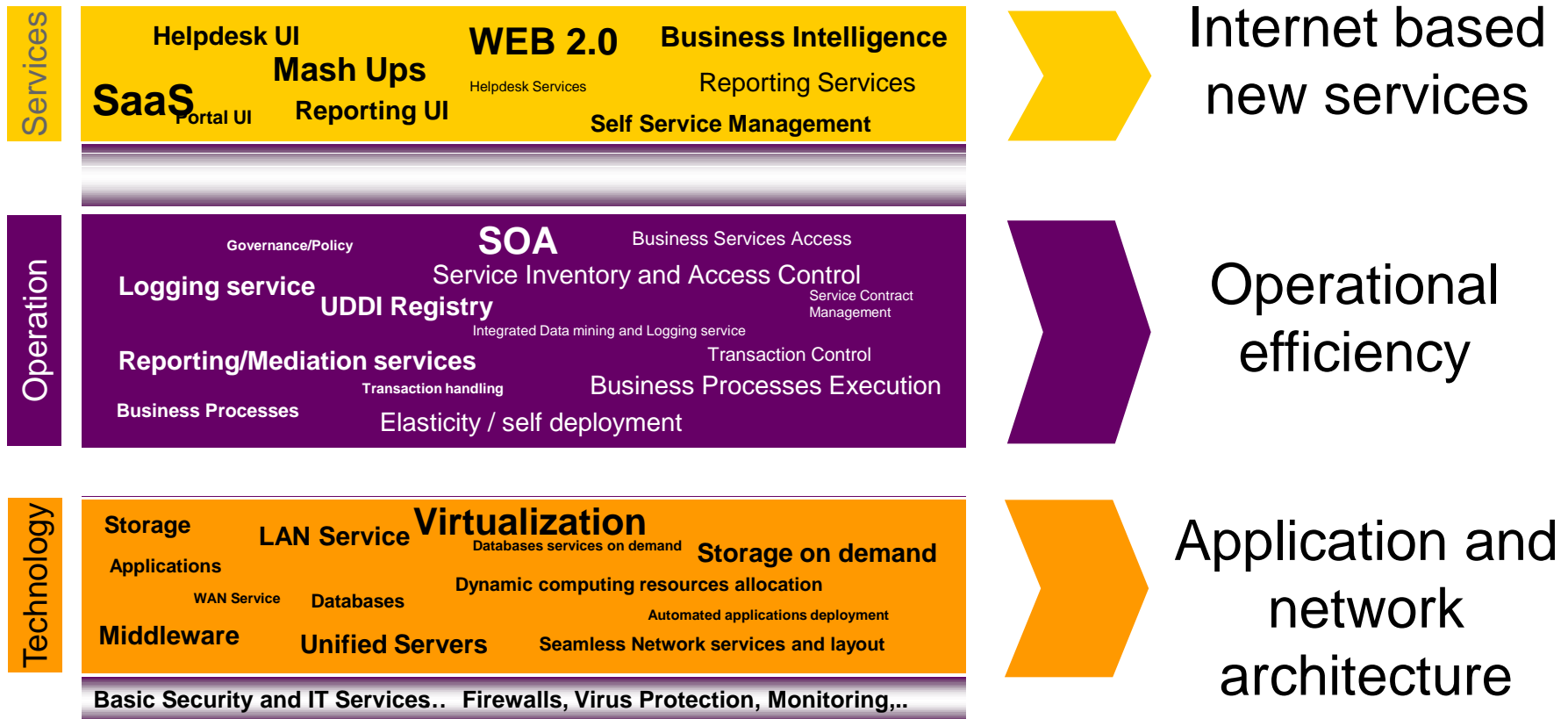
Why cloud computing is relevant?



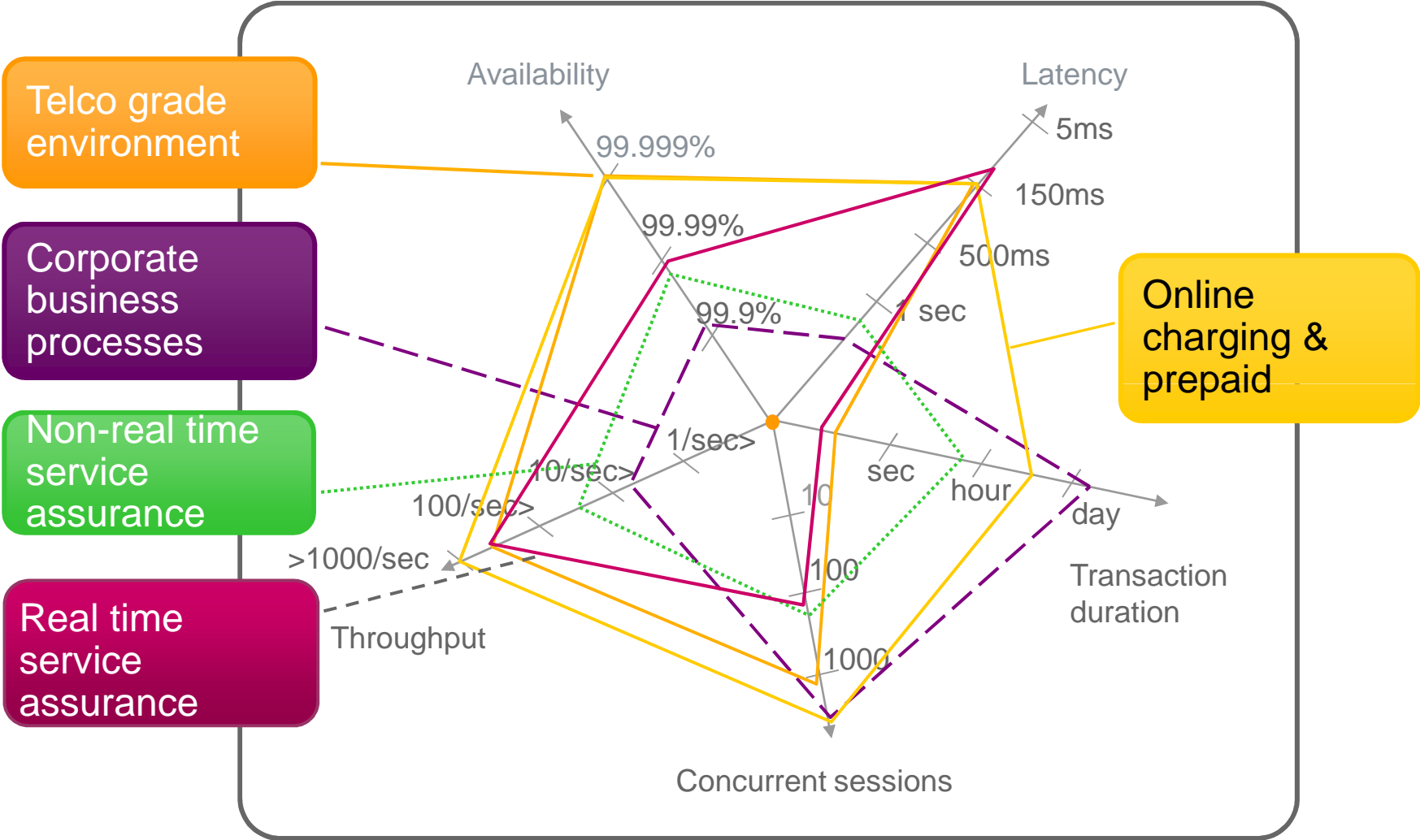
Cloud computing and telecom stakeholders



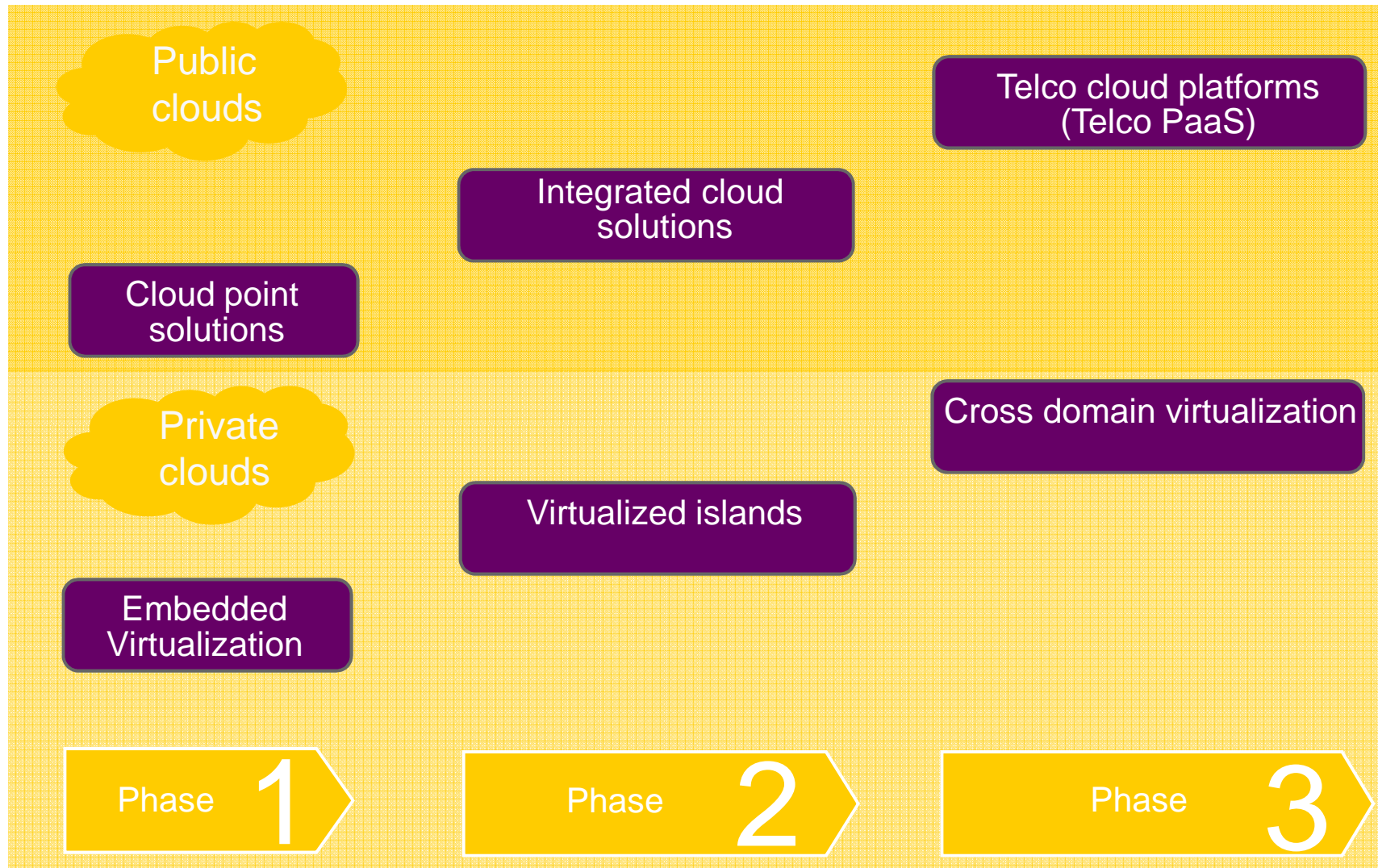
Cloud computing – telecom viewpoints



Telecom requirements for cloud computing



Cloud computing in telecom - outlook



Industry topics

Taxonomy – collaboration with other industry groups

- Several exist today
- Example: precise definition of the “private cloud”
- Possible telecom industry extensions e.g. is there a “telco cloud”

Costs of changing cloud providers should be reasonable

- Technology agnostic clouds
- Minimal set of standard (or de facto) cloud APIs e. g. vCloud API

Cloud computing regulations

- Private data
- Security
- Location