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What is Cloud Computing?

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Cloud is often vague...
..but is a key business
transformation for the future of
Telcos

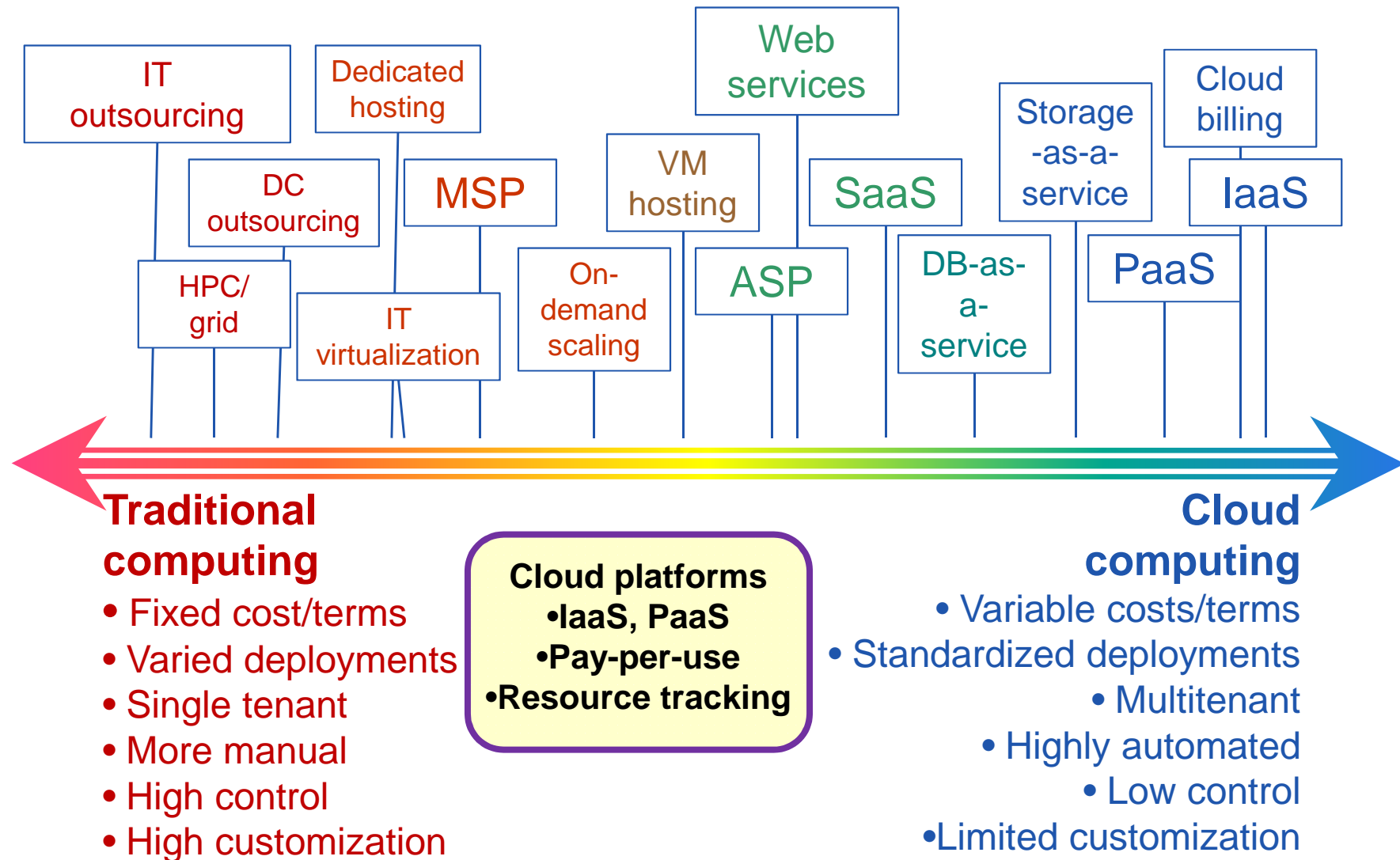
Agenda

- **Cloud Definitions**
- Cloud Maturity and adoption
- Questions and Answers

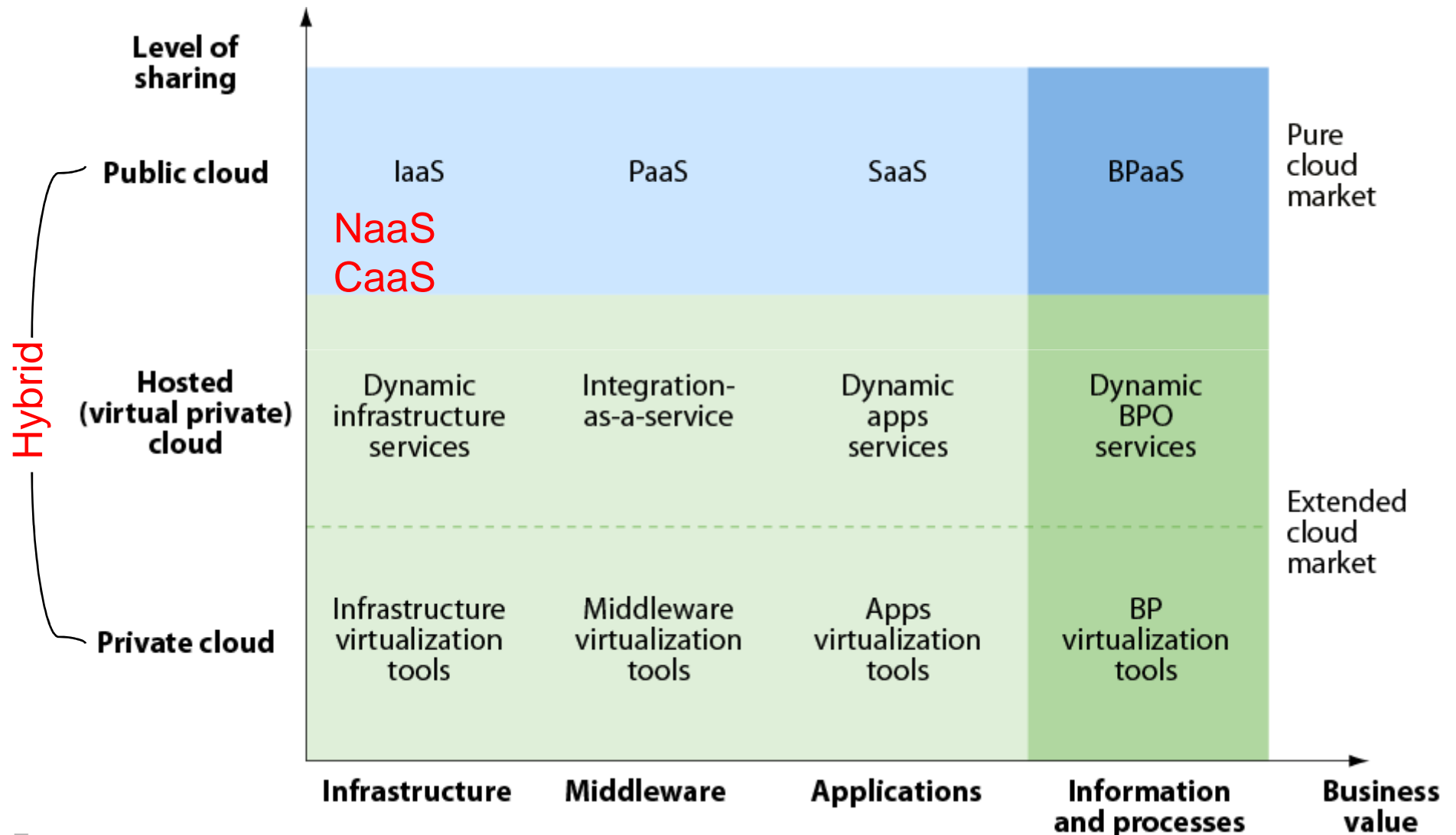
Definition: cloud computing

- A standardized IT capability (services, software, or infrastructure) delivered in a pay-per-use and self-service way

Not everything is cloud . . . and shouldn't be



Forrester's Full Cloud Computing Taxonomy



The personal cloud: a definition

An Internet-based digital service for individuals and their employers that acts as a permanent and flexible resource to:

1. Organize and preserve personal information, documents, media, and communications.
2. Deliver that information on demand to any device or service.
3. Orchestrate the integration of personal information across all digital devices and services.

Personal cloud offerings will:

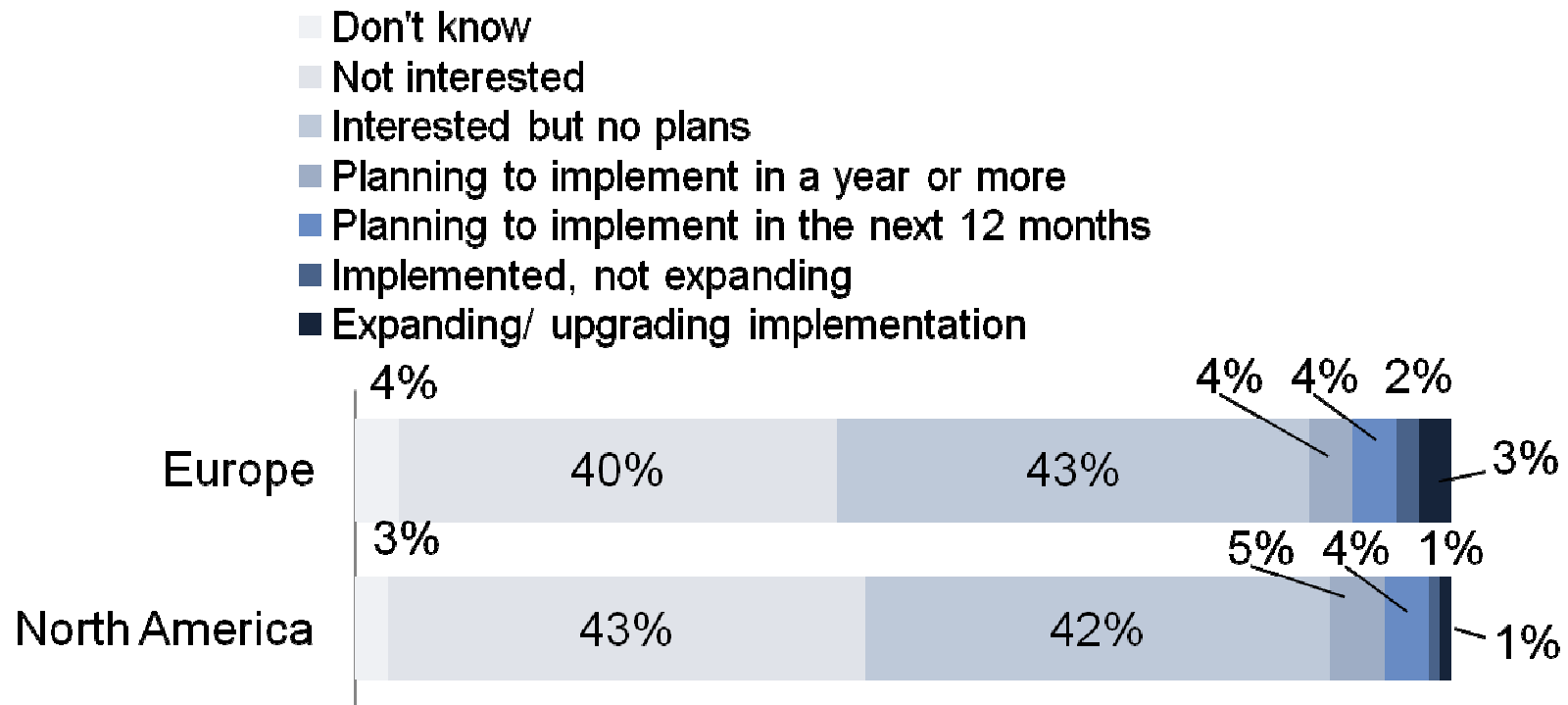
- Coordinate digital lives across many devices, platforms, and services.
- Permanently archive a broad range of personal information from diverse devices and services.
- Host massive data volumes and transform for access to diverse and obsolete formats.
- Bridge access across work and personal domains.

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Cloud adoption is slightly higher in Europe

What are your firm's plans to adopt pay-per-use hosting of virtual servers (also known as cloud computing) at service providers such as Amazon Web Services, Savvis, or Rackspace/Mosso?

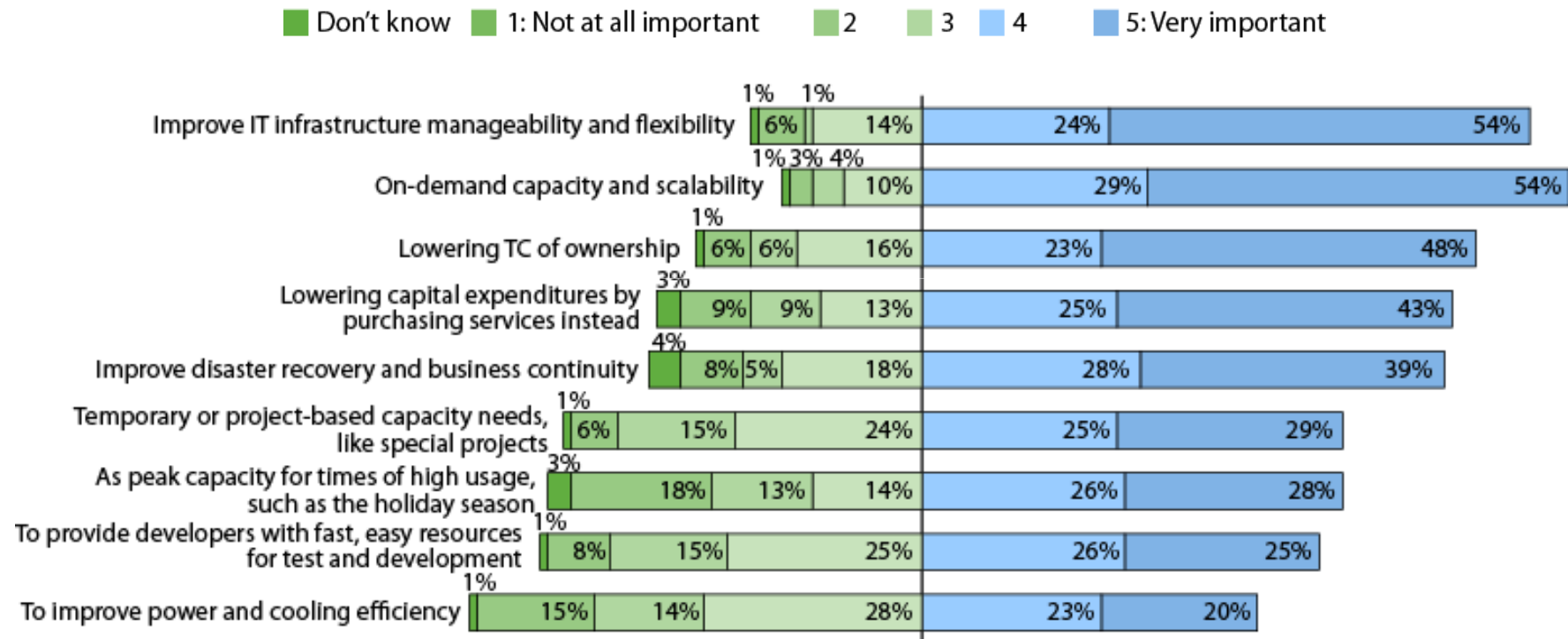


Base: 937 North American Enterprise and SMB hardware decision-makers
335 European enterprise and SMB hardware decision-maker

Source: Enterprise And SMB Hardware Survey, North America And Europe, Q3 2009

Enterprises cite flexibility and on demand over cost reasons

"How important were the following in your firm's decision to adopt pay-per-use hosting of virtual servers (also known as cloud computing)?"



Base: 80 enterprise hardware decision-makers

(numbers/percentages may not sum to the total shown because of rounding)

Source: Enterprise and SMB North America and European Hardware Survey, Q4 2009

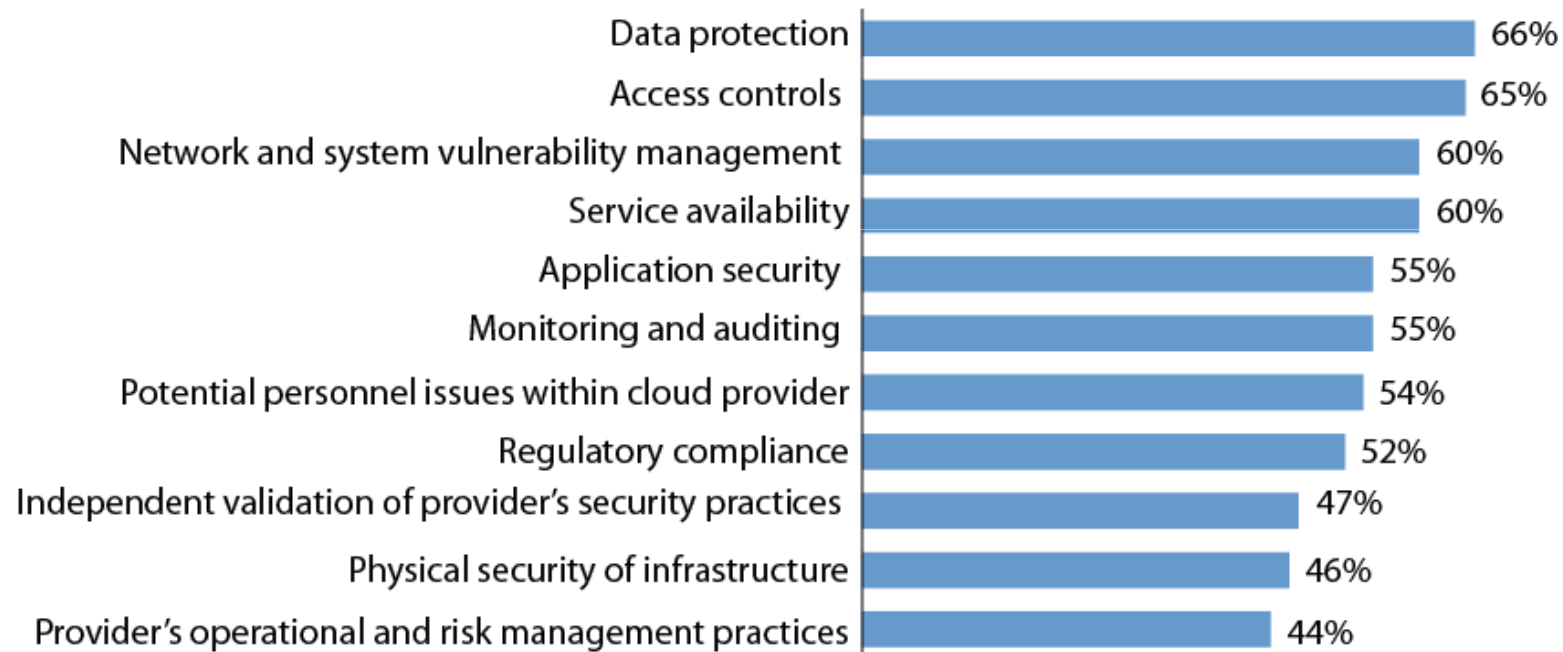
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Some IT Professionals Remain Wary Of Cloud Computing (Cont.)

IT security professionals rank data protection top of all cloud security concerns

“How concerned is your firm about the following aspects of cloud computing platforms such as salesforce.com, Amazon Web Services, or Microsoft Azure?”
(4 and 5 on a scale of 1 [Not at all concerned] to 5 [Very concerned])



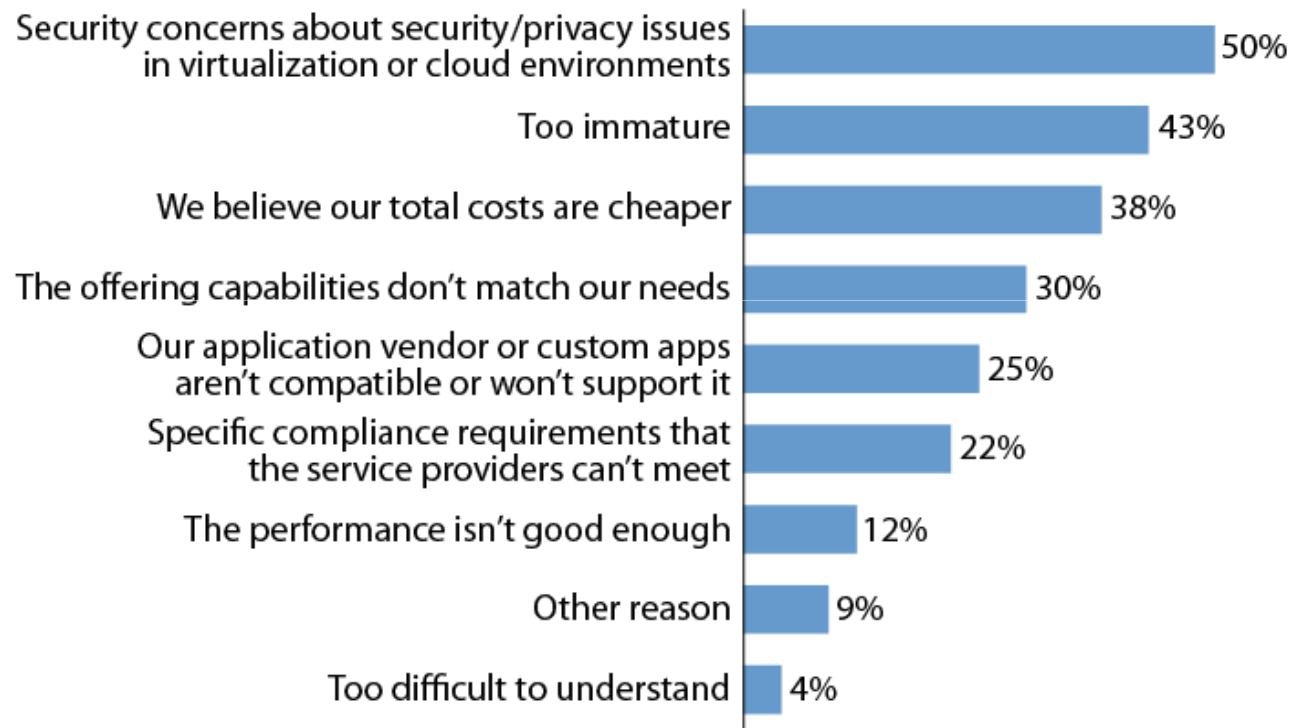
Base: 1,059 North American and European enterprise and SMB IT decision-makers

Source: Enterprise And SMB Security Survey, North America And Europe, Q3 2009

Some IT Professionals Remain Wary Of Cloud Computing

Security and privacy issues are top concerns for data center decision-makers

**“Why isn’t your firm interested in pay-per-use hosting of virtual servers
(also known as cloud computing)?”**

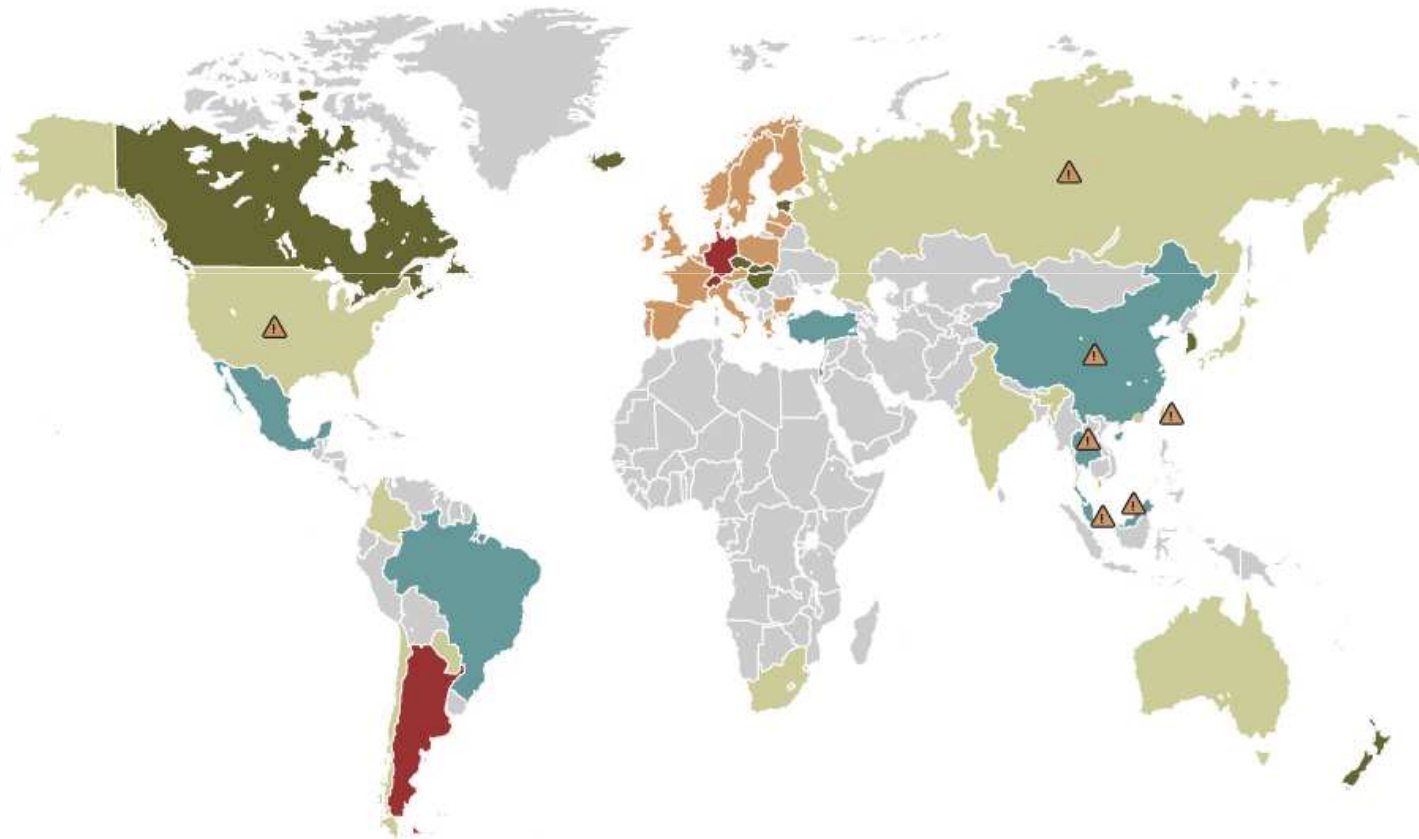


(multiple responses accepted)

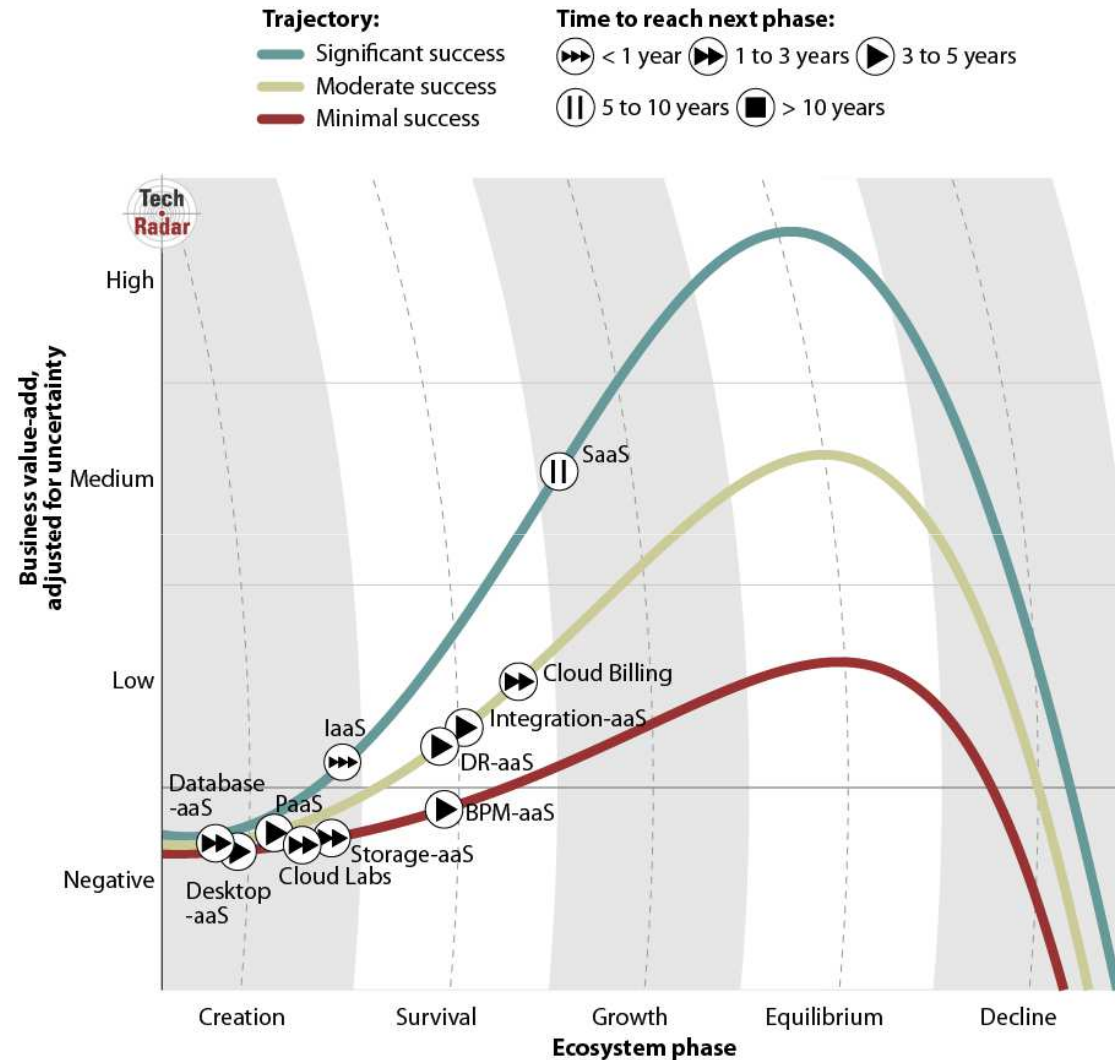
Base: 542 hardware decision-makers at companies with 500 or more employees

Source: Enterprise And SMB Security Survey, North America And Europe, Q3 2009

Country Level Regulations Affect Compliance Management

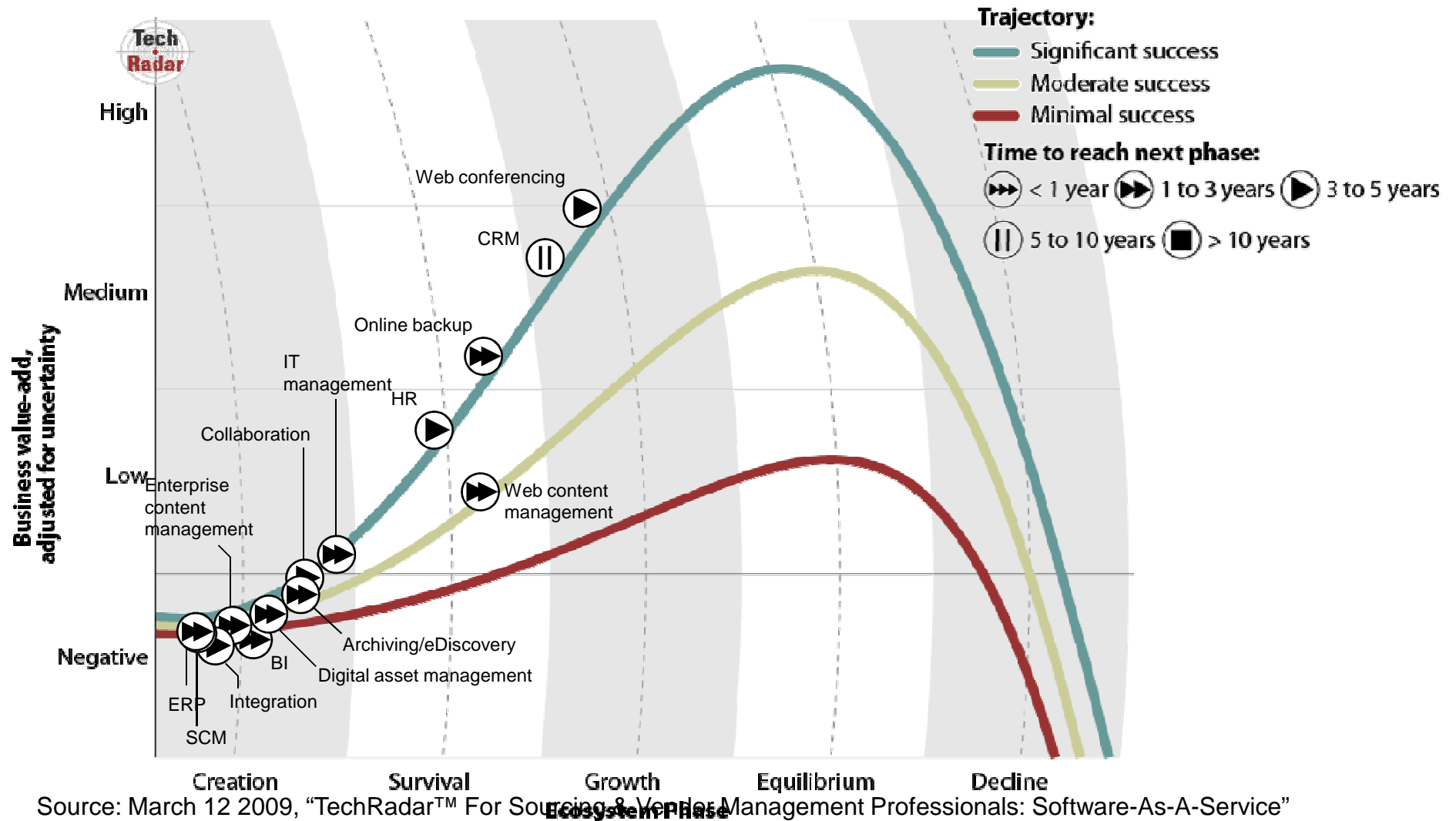


Forrester's cloud computing TechRadar™



Source: October 2, 2009, "TechRadar™ For Infrastructure & Operations Professionals: Cloud Computing, Q3 2009" Forrester report

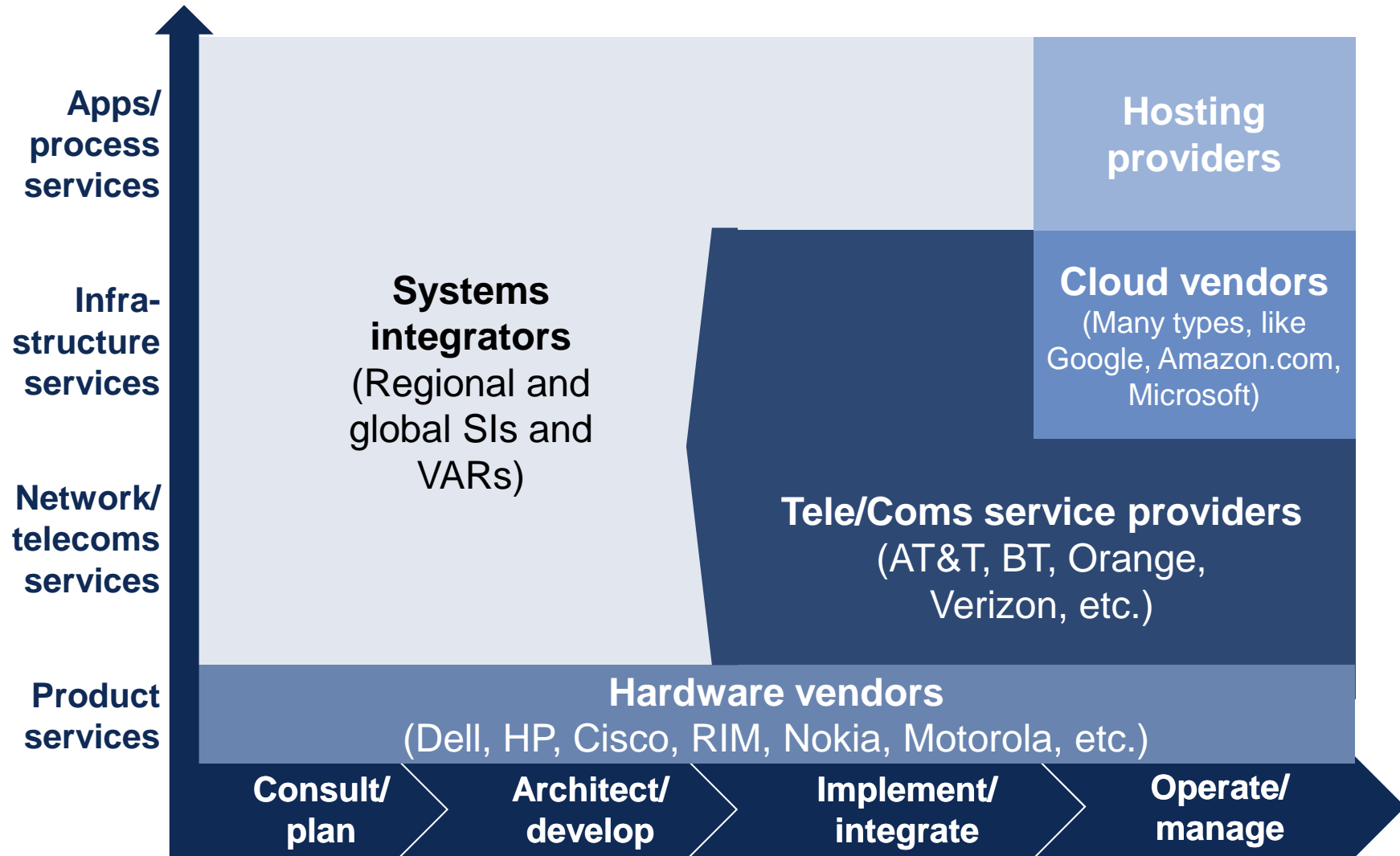
SaaS market maturity



Maturity synthesis

- The customers seem ready to adopt...
- ... But different Cloud domains have different maturity...
- ... And the benefits also vary widely

Service provider landscape shifts with tele/Coms as-a-service/cloud



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Thank you

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