How I learned to stop worrying and love the cloud

or, Why should you care about cloud?

Shlomo Swidler
CEO, Orchestratus
shlomo.swidler@orchestratus.com

Orchestratus™ Make the cloud work for you.℠

© 2013 Orchestratus, Inc. All Rights Reserved.

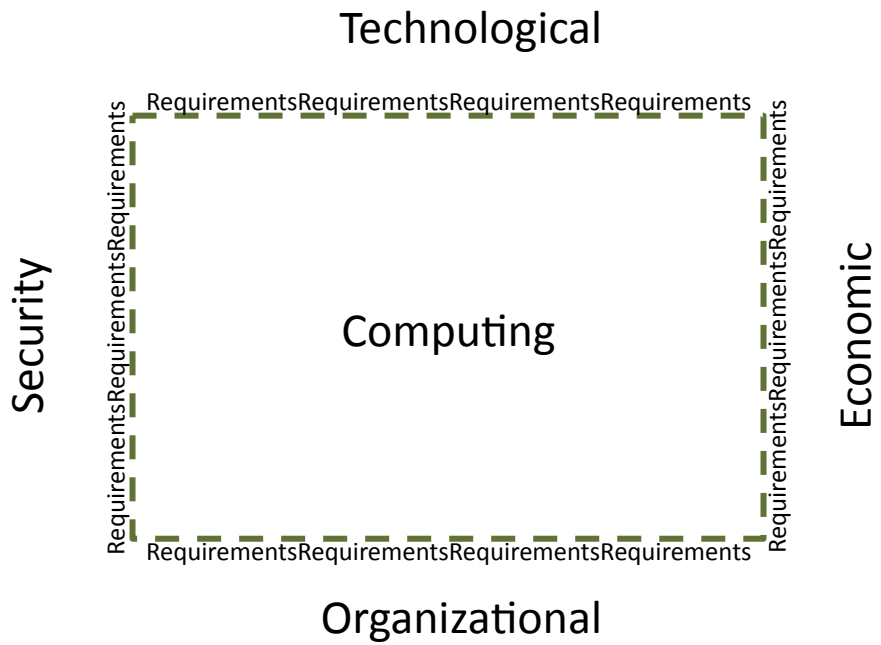
Why worry about cloud?

- It's confusing
- It's new
- It's a buzzword
- It's changing quickly
- It means changing my job
- It's frustrating, hard to sell, hard to buy, old, …

- It's complicated.

© 2013 Orchestratus, Inc. All Rights Reserved.

“Cloud” in six words



‘Cloud-computing’ is a dynamic computing paradigm where the boundaries of computing are determined by rationale provided by technological, economic, organizational, and security requirements.

– Ramnath K. Chellappa, 1997

© 2013 Orchestratus, Inc. All Rights Reserved.

So what?

- If you're thinking about cloud only as a technology,

  you're missing 75% of the value.

© 2013 Orchestratus, Inc. All Rights Reserved.

The four reasons why you should care about the cloud

- Technological
- Economic
- Organizational
- Security

} factors influencing the boundaries of computing change over time, and you want to react with appropriate speed.

'Cloud-computing' is a dynamic computing paradigm where the boundaries of computing are determined by rationale provided by technological, economic, organizational, and security requirements.

– Ramnath K. Chellappa, 1997

© 2013 Orchestratus, Inc. All Rights Reserved.

The one thing that determines whether you are ready for cloud

- How well prepared are you to handle the dynamic nature of the technological, economic, organizational, and security requirements?

  ... in other words,

- Can you remain focused on your mission while adapting to change?

© 2013 Orchestratus, Inc. All Rights Reserved.

How to handle dynamic factors in computing (or, "how to cloud")

Technological

- View "operations" and "engineering" as a single value stream
- Use small, composable units (instances, services)
- Build systems that expect failure and act reasonably despite it

Economic

- Understand the impact of the services on the business
- Increase capacity according to demand
- Decrease capacity when demand subsides

Organizational

- Get executive level buy-in and support
- Use open standards
- Create and use APIs for every data source

Security

- Carefully vet employees, partners and establish trusting relationships with them
- Regularly assess your data assets and all access points for risk
- Create a "single source of truth" for authentication and authorization

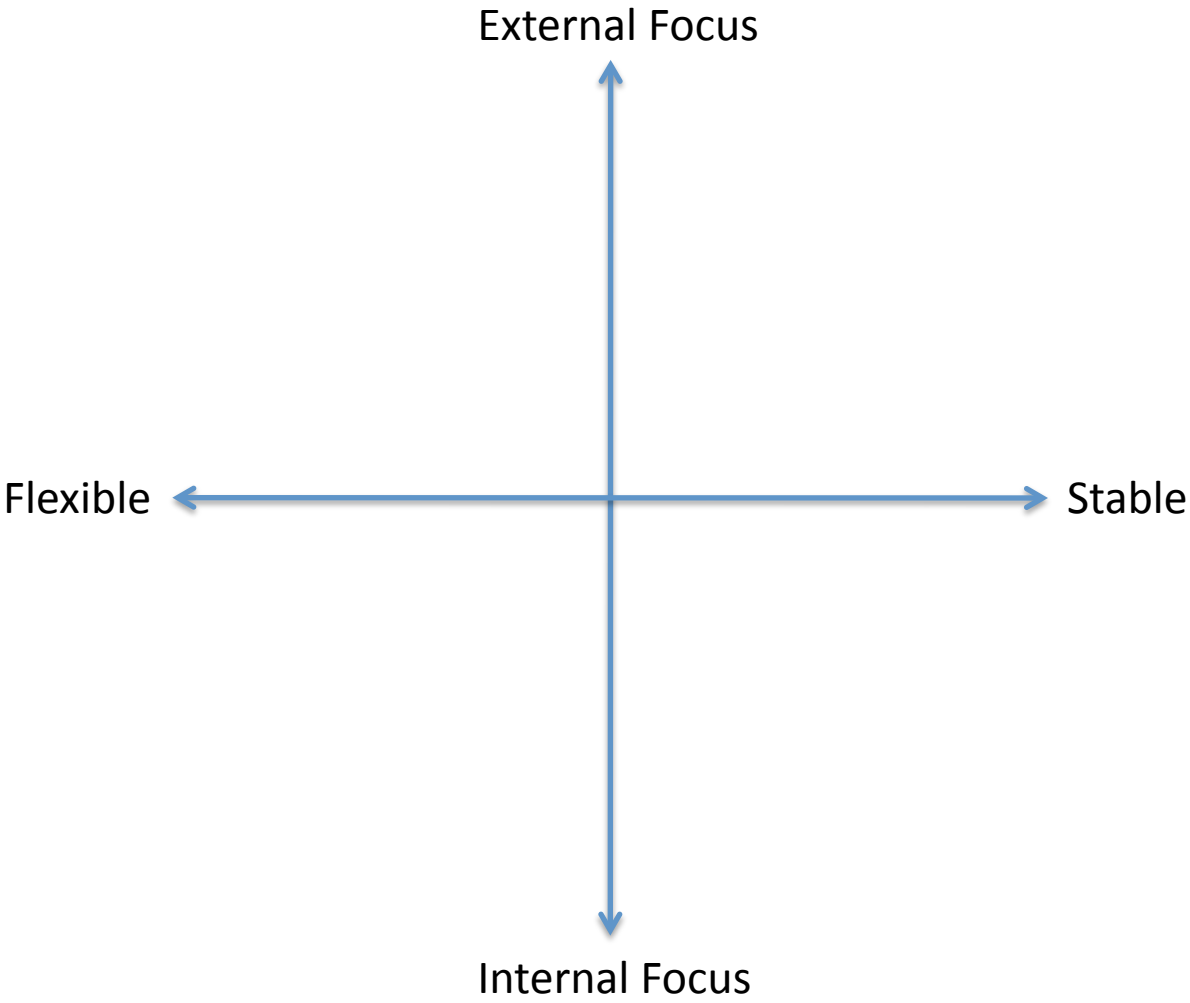
© 2013 Orchestratus, Inc. All Rights Reserved.

Typical phases of cloud adoption maturity

- Experimentation – learning how to use the technology.
- Momentum – understanding the benefits and building proof points.
- Transformation – intentionally maximizing the benefits.

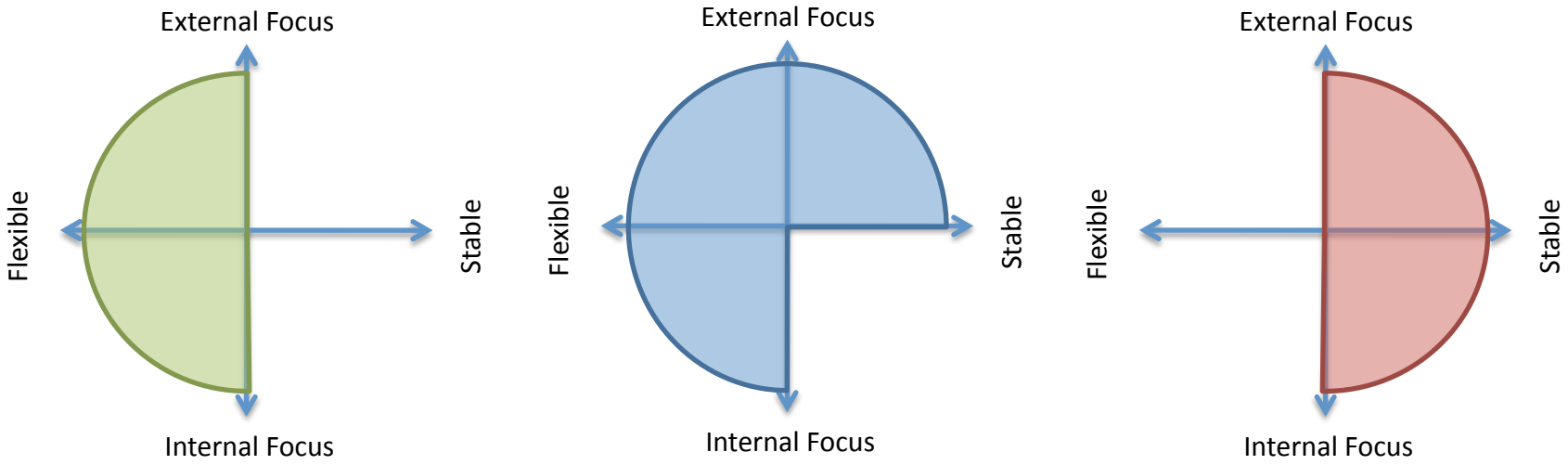
© 2013 Orchestratus, Inc. All Rights Reserved.

A model for organizational success



© 2013 Orchestratus, Inc. All Rights Reserved.

Strengths required by adoption phase



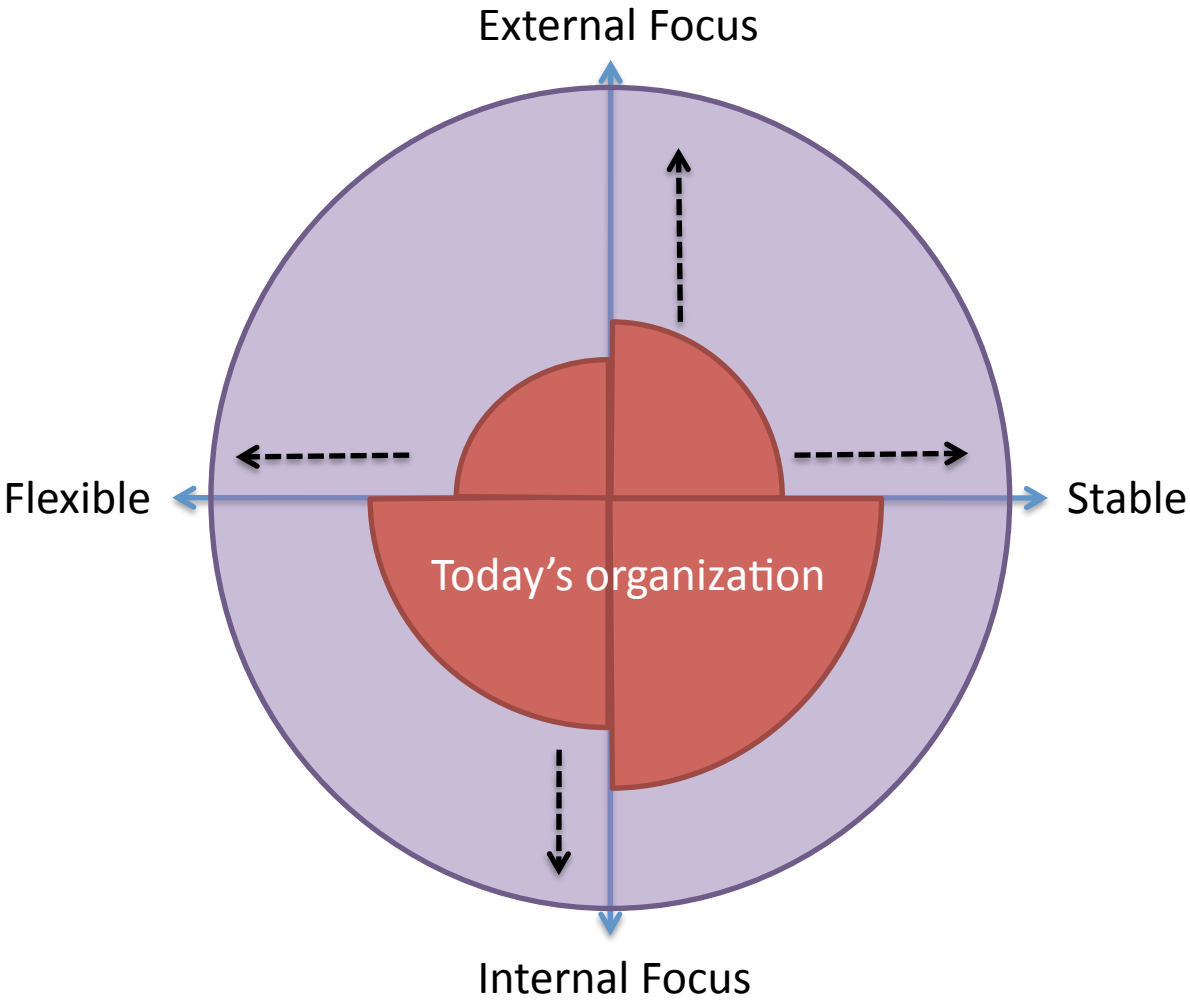
Experimentation

Momentum

Transformation

© 2013 Orchestratus, Inc. All Rights Reserved.

How to succeed with change



© 2013 Orchestratus, Inc. All Rights Reserved.

How to succeed with cloud

1. Recognize cloud is more than a technology.
2. Become adept at handling change in technological, economic, organizational, and security requirements in your use of computing.

© 2013 Orchestratus, Inc. All Rights Reserved.