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DCA'S ADAPTIVE ROLES WITH CLOUD COMPUTING SAAS

Greg Smith
Jason Greatrex

watitis.uwaterloo.ca
@watitisconf

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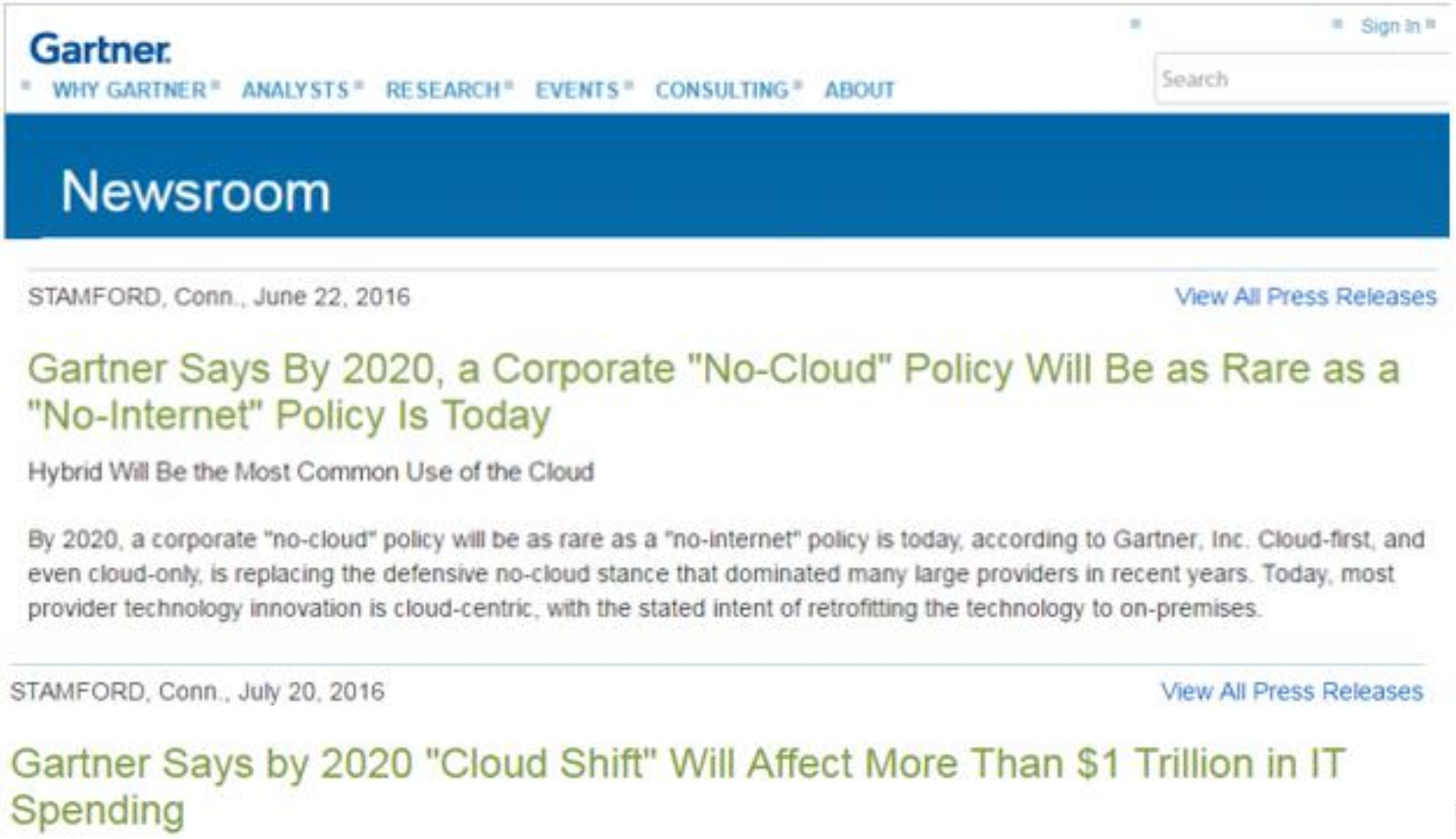
Life in the Clouds
Headlines



Gartner

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STAMFORD, Conn., June 22, 2016

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Gartner Says By 2020, a Corporate "No-Cloud" Policy Will Be as Rare as a "No-Internet" Policy Is Today

Hybrid Will Be the Most Common Use of the Cloud

By 2020, a corporate "no-cloud" policy will be as rare as a "no-internet" policy is today, according to Gartner, Inc. Cloud-first, and even cloud-only, is replacing the defensive no-cloud stance that dominated many large providers in recent years. Today, most provider technology innovation is cloud-centric, with the stated intent of retrofitting the technology to on-premises.

STAMFORD, Conn., July 20, 2016

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Gartner Says by 2020 "Cloud Shift" Will Affect More Than $1 Trillion in IT Spending

Life in the Clouds
Software-as-a-Service (Saas)

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Life in the Clouds
Definition of Cloud Computing

Cloud computing is a model for enabling convenient, on-demand network access to a shared pool of configurable computing resources (e.g., networks, servers, storage, applications, and services) that can be rapidly provisioned and released with minimal management effort or service provider interaction.

NIST National Institute of Standards and Technology
U.S. Department of Commerce

Life in the Clouds
Cloud Computing Deployment and Service Models

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Life in the Clouds
Five Essential Characteristics of Cloud Computing

1. **On-Demand Self-Service:**
   Provide self-service computing resources on demand

2. **Broad Network Access:**
   May be access over the network through standard mechanisms

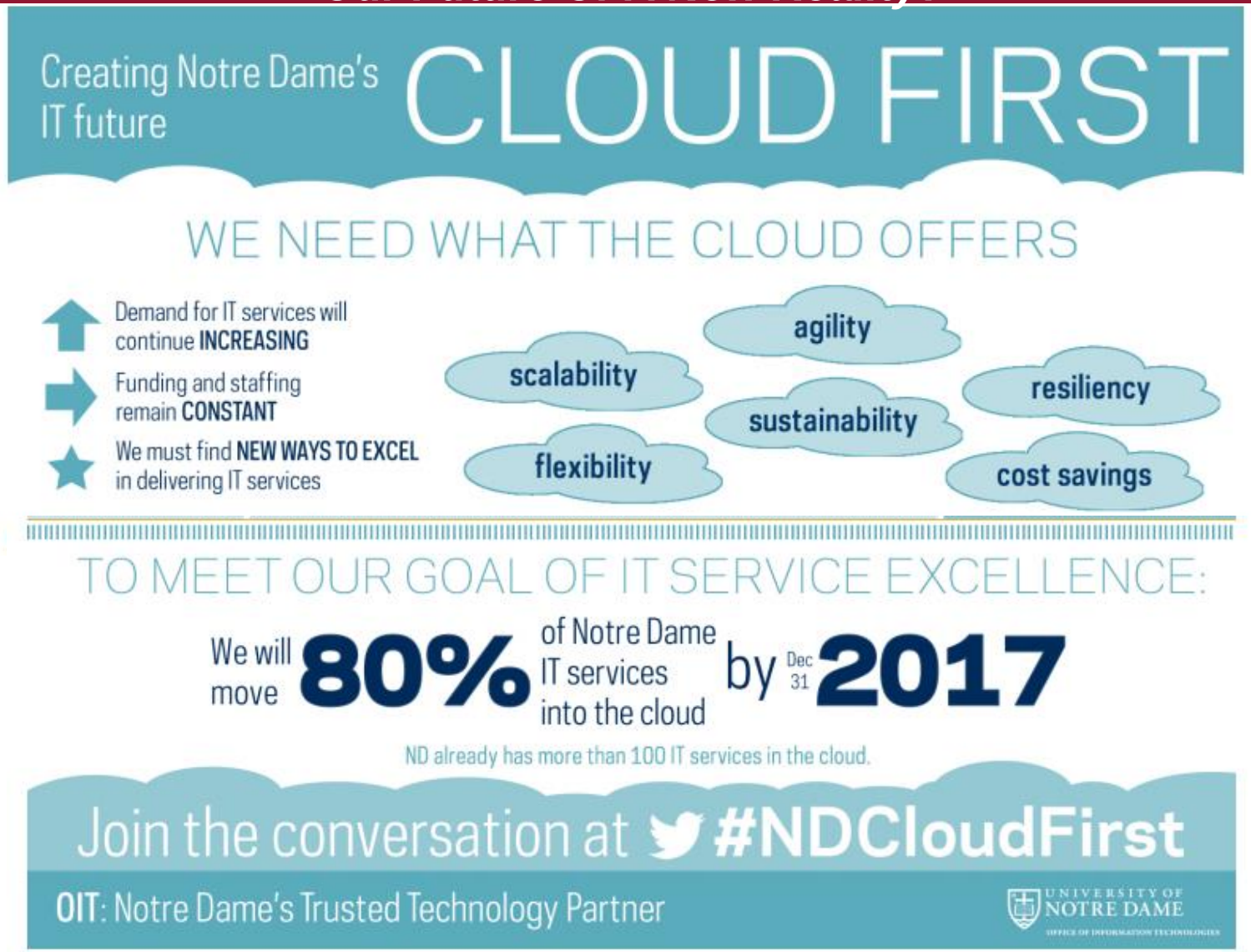
3. **Resource Pooling:**
   Allow the pooling of resources among different workloads and customers

4. **Rapid Elasticity:**
   Facilitate rapid provisioning and deprovisioning in support of scaling commensurate with demand

5. **Measured Service:**
   Control and optimize resource use automatically through metering mechanisms

NIST National Institute of Standards and Technology U.S. Department of Commerce

Life in the Clouds
Our Future Or A New Reality?



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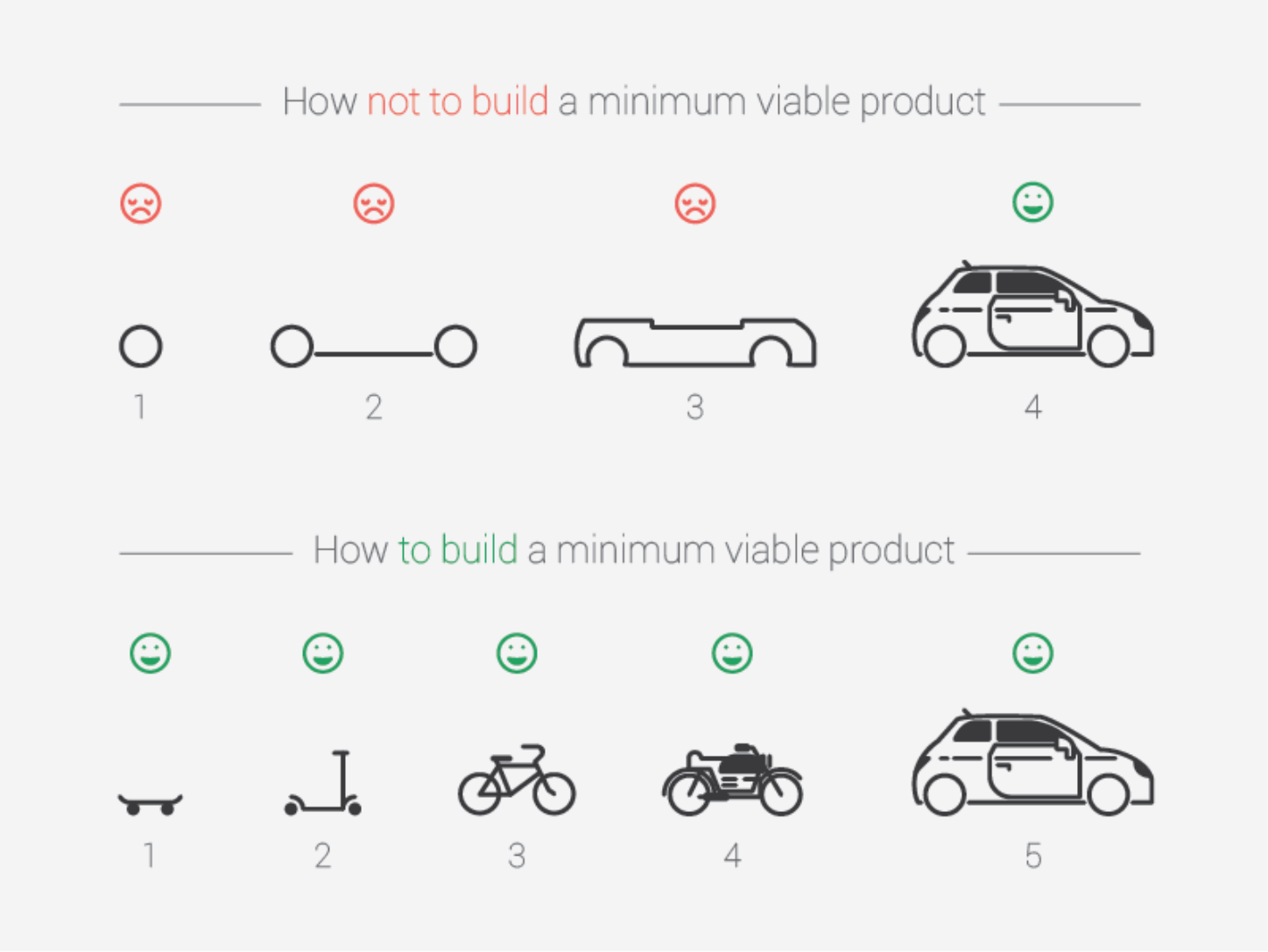
Our Departmental And Campus Application (DCA) Team

Enterprise Systems Mission Statement

Committed to planning, designing, implementing and supporting enterprise systems resulting in innovative, integrated, user-friendly and secure solutions. We work with you to acquire, customize or build solutions to meet your business needs.

How DCA Adds Value



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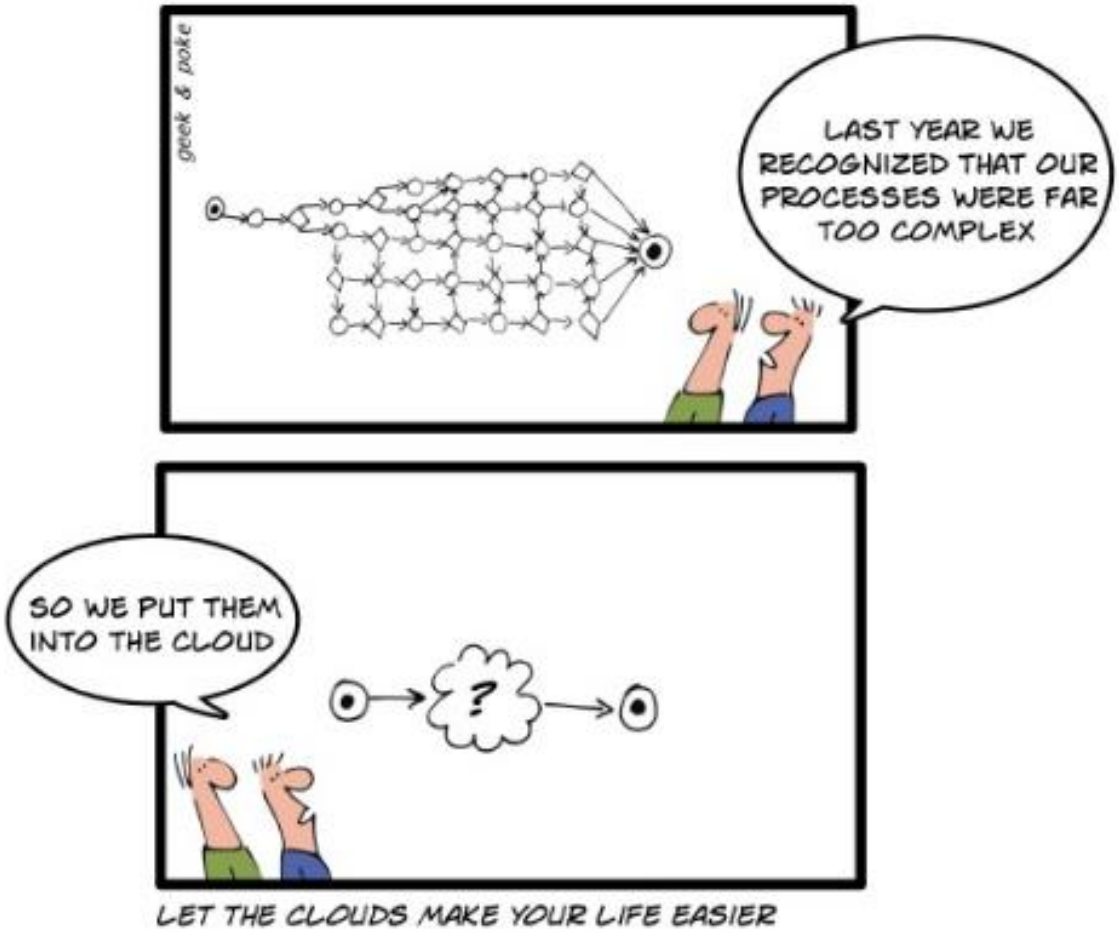
How DCA Adds Value:
Business Analysis & Project Management

our little “b” and light “p” approach

How DCA Adds Value
Business Process Re-Engineering

Systems Analysis

On-premise = customization
Cloud = configuration



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How DCA Adds Value
Integration Expertise

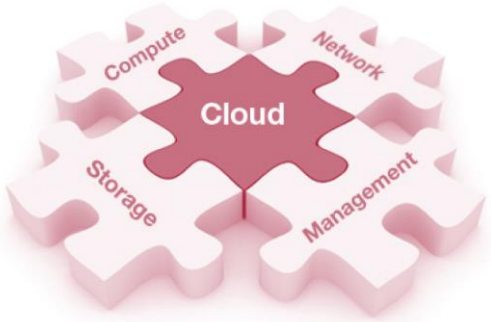
- Understand business structures and needs
- Integration requirements and processes to integrate cloud services with on-premises solutions and/or other cloud services
- Ongoing operational support, such as:
  - monitoring,
  - maintenance, and
  - updates of the integrations.

How DCA Adds Value
IT Strategic Sourcing

- Acquisition of new “cloud computing services” products and systems
- Working closely with Clients and Procurement (Investigation, RFI, RFP)
- Exit strategy

How DCA Adds Value
IT Liaison

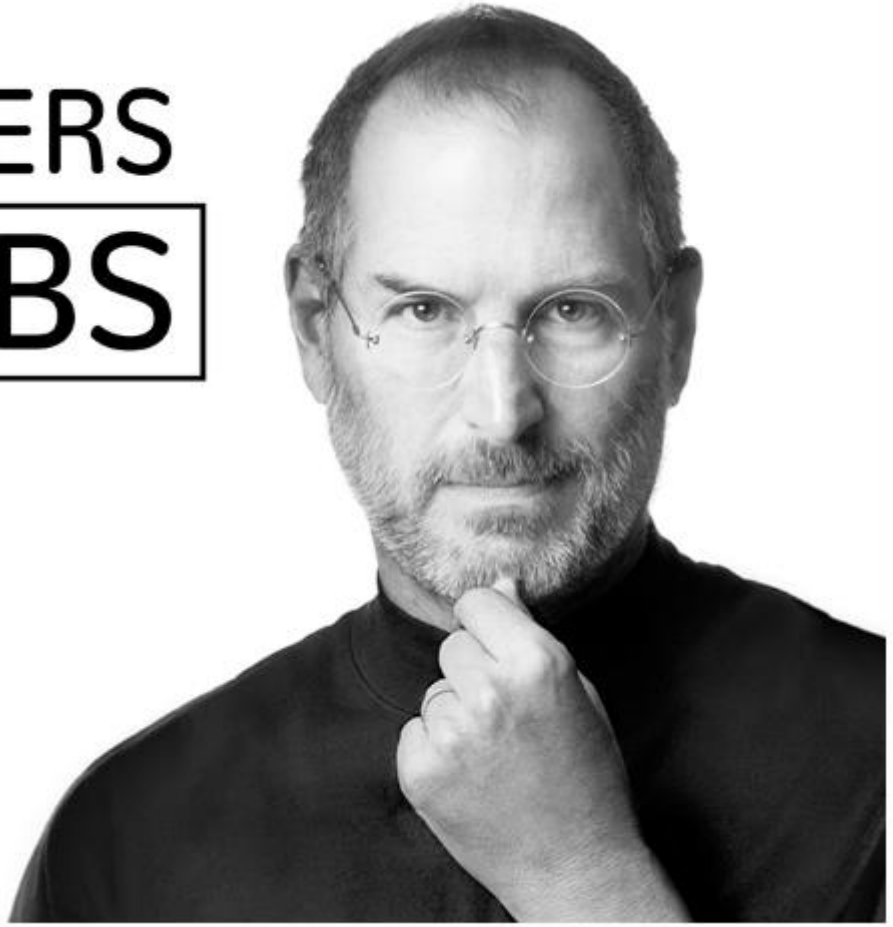
- Seek opportunities to **Share**
- To ensure we are all heading in the same **Direction** to support our institution
- To provide **Resources** (e.g., time, money and/or people) for successful system implementation
- To avoid **Collisions** among our initiatives
- To understand **Synergies** among our initiatives



Life in the Cloud
Steve Jobs Thoughts on the Cloud in 1997

CHANGE MAKERS

STEVE JOBS



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Thank you

Questions or comments

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