



# ASSESSING IT AND BUSINESS READINESS

## Gauging Your Readiness

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# Why Does the Business Care About Cloud?

Revenue | Efficiency

# Achieving The End-State Requires Significant Transformation

Address People, Process & Technology

**Enterprise IT**

**Cloud**



## PEOPLE

### Organizational Silos Of:

- Infrastructure (Compute, Storage, Network)
- Application (Development, Management)
- Security...

- Cloud-Based Roles And Org
- Workload-Centric Resource Models (E.g., Email)
- Matrix-Based Org Structures

## PROCESS

- Little Infrastructure Automation
- Services Allocated To LOB Or Application Owner
- ITIL-Based Services Frameworks Loosely Applied

- Automation And Self-Service
- Consumption-Based Charge-Back Models
- Mature Service Framework To Manage Service-Centric Model

## TECHNOLOGY

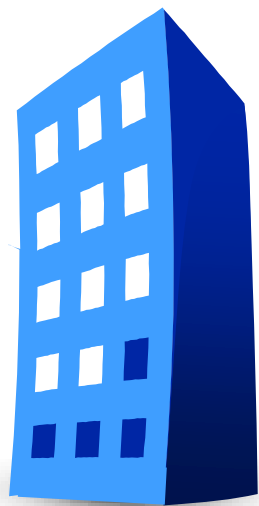
- Complex
- Expensive
- Inflexible
- Siloed

- Pervasive virtualization
- Converged architecture
- Federated workloads
- Pools of resources



**EMC<sup>2</sup>**

# IT-As-A-Service: EVERYTHING is Different



PEOPLE

PROCESS

TECHNOLOGY



**IT Becomes An Internal Service Provider**

# How Ready Are You?

Your People, Your Processes, Your Technology

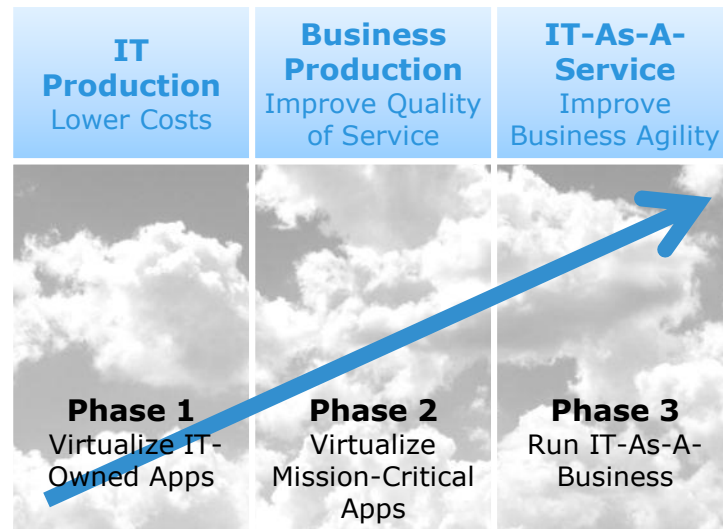
PEOPLE

PROCESS

TECHNOLOGY

## For Increasing Degrees Of:

- Consolidation
- Abstraction
- Automation
- Utility
- Federation



# What does Consolidation mean for IT?

**PEOPLE**

**PROCESS**

**TECHNOLOGY**

Reducing redundancy and wasted space and equipment by measured planning of both architecture and process

- ↓ Hardware costs
- ↓ Software costs
- ↑ Resource utilization

# Consolidation

What It Means To Your People, Process, Technology

**PEOPLE**

## **Consistent IT Roles**

Across Applications, Platforms

**PROCESS**

## **IT Operational Processes**

Consolidated Across The Enterprise

**TECHNOLOGY**

## **Right #**

Of Data Centers, Platforms, Applications

# What does Abstraction mean for IT?

**PEOPLE**

**PROCESS**

**TECHNOLOGY**

Managing abstracted workloads and payloads instead of the physical data center infrastructure itself

- ↑ Standardization
- ↑ Management efficiency
- ↑ Elasticity

# Abstraction

What It Means To Your People, Process, Technology

**PEOPLE**

**SMEs**

Cross-Functionally Trained

**Virtualization**

Skills Required

**PROCESS**

**IT Operational Processes**

No Longer Tied to Physical Hardware

**TECHNOLOGY**

**Virtualize**

Operating Systems

**Virtualize**

Applications

**Right #**

Of Applications

# What does Automation mean for IT?

**PEOPLE**

**PROCESS**

**TECHNOLOGY**

Systematically replacing manual labor with automation for run time operation of the data center

- ↓ Labor cost
- ↑ Consistency
- ↑ Agility/speed

# Automation

What It Means To Your People, Process, Technology

## PEOPLE

### **Mature**

Operational Service Mgmt

### **Personnel**

Freed Up For Strategic Roles

## PROCESS

### **Provisioning,**

Workflow Automated

### **Automation**

Of Low-Level Tasks

### **Service Catalog**

Integrated with CMDB

## TECHNOLOGY

### **Standardized**

Reference Architecture Including Toolsets

# What does Utility mean for IT?

**PEOPLE**

**PROCESS**

**TECHNOLOGY**

Streamlining end user resource consumption through on-demand self-service provisioning and metering

- ↓ Labor cost
- ↑ Agility/speed
- ↑ Responsiveness
- ↑ Financial management

# Utility

What It Means To Your People, Process, Technology

## PEOPLE

### **Business Service**

Management Roles

### **Operational Roles**

Aligned To Shared Services Model

## PROCESS

### **Scale Up**

and Scale Out Services

### **IaaS, PaaS, SaaS**

### **Cost**

Transparency

## TECHNOLOGY

### **Elastic Pool**

Of Resources

### **Integration**

Of Selected Service Provider Clouds

# What does Federation mean for IT?

**PEOPLE**

**PROCESS**

**TECHNOLOGY**

Blending the private and public clouds to interoperate with external partners and facilitating hyper-elastic management / migration of services

- ↓ Hardware costs
- ↓ Software costs
- ↑ Elasticity
- ↑ Solution flexibility

# Increasing Degrees Of Federation

What It Means To Your People, Process, Technology

**PEOPLE**

**Service**

Sourcing Skills

**PROCESS**

**Seamless**

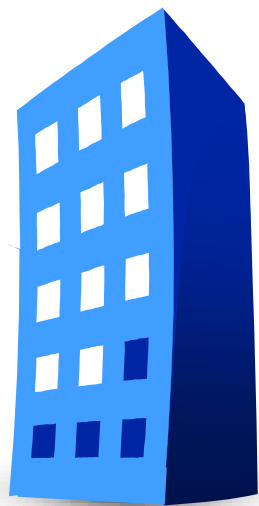
Private / Public / Hybrid

**TECHNOLOGY**

**Integrated**

Trust Elements

# IT as a Service: EVERYTHING is Different



PEOPLE

PROCESS

TECHNOLOGY



**IT Becomes An Internal Service Provider**

THANK YOU