

# Unified DataCenter

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## Cisco & EMC – A Shared Cloud Vision

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# EMC<sup>2</sup>

Market Leaders in Storage and Networking

Shared Cloud Vision

Deep Technology Alignment

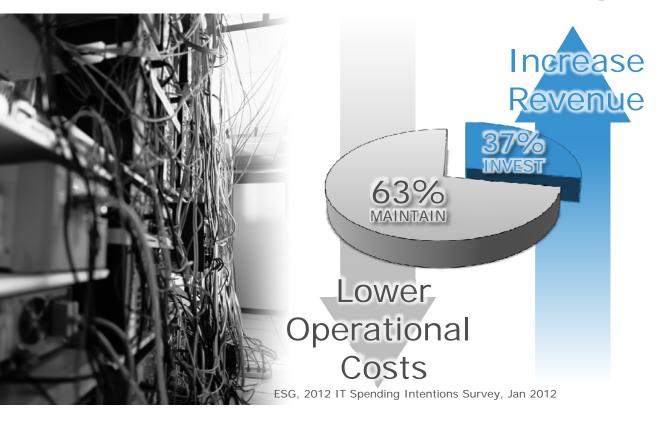
Cooperatively Developed Offerings: Products, Services, and Validated Solutions

Integrated Routes to Market

Joint Venture: VCE

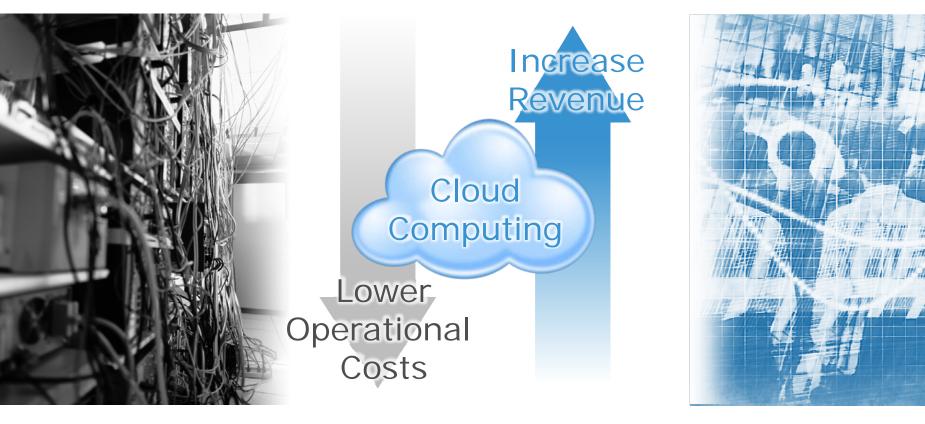


### **Two Fundamental Challenges**





## Cloud Transforms IT



# Cloud Transforms IT

Days/Months



Helpdesk

**IT-Issued** 



Flat Tax

Silos







#### Minutes/ Seconds

#### Self-Service



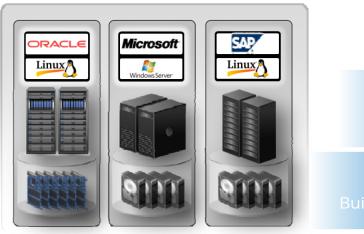
#### **Choice Computing**



Metered

Services

## **Steps Of IT Transformation**



Cloud Applications

Platinum

Gold

Cloud Operating Model Run IT-As-A-Service

Cloud Infrastructure Build A Software-Defined Data Center

# Infrastructure Matters For Cloud Computing

#### CLOUD REQUIREMENTS

Low-Cost Operations

Infrastructure-As-A-Service

Self-Service Consumption Model

Elastic Resource Allocation

Shared Pools Of Resources



#### [IDEAL INFRASTRUCTURE]

- Simplified Management
- Lower Service Provisioning Cost
- Integrated Compute, Network, & Storage Resources
- Physical Resources Deployed Through APIs & Policies
- Rapid Scalability Of Virtual & Physical
- Automated Deployment
- Virtualization Optimized
- Resource Abstraction

## Three Paths To Cloud Infrastructure



### Three Paths To Cloud Infrastructure



# Building Your Own Takes Time

#### **DESIGN & DEPLOY**

#### MAINTAIN

# EXPANSION & UPGRADE









Plan & Design

Build & Test



Code Matrix Monitoring

Patch & Validate

Stabilize & Optimize



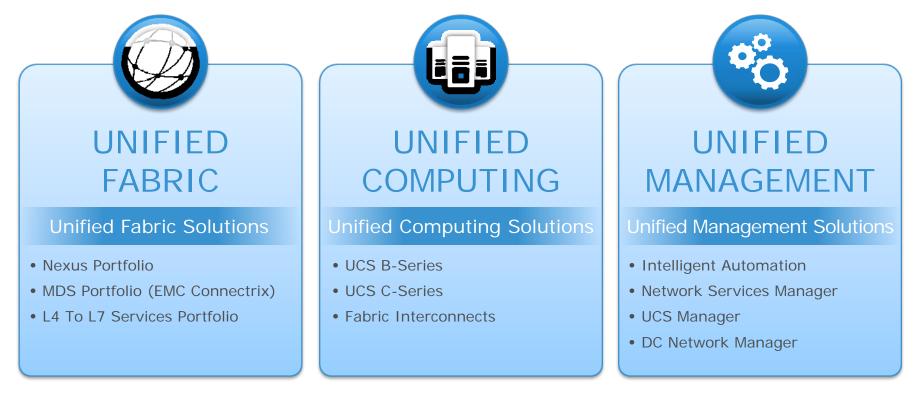
Plan & Design



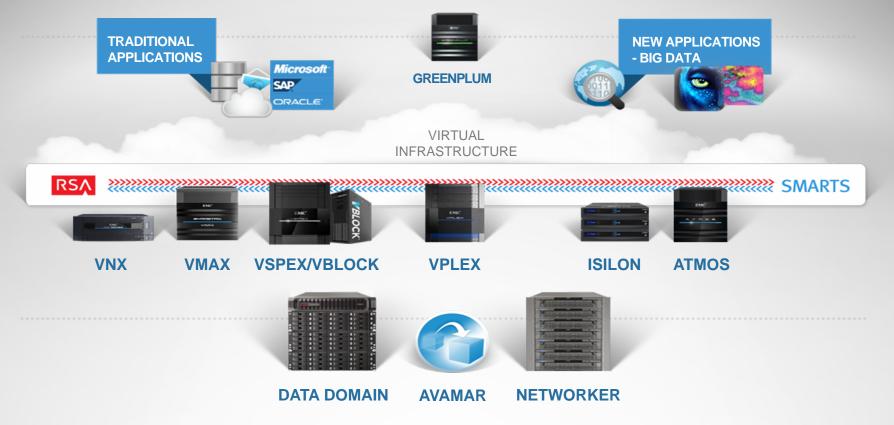
Build & Test

## **Cisco Unified Data Center**

Infrastructure Solutions Designed For IT-As-A-Service & Cloud



#### **The EMC Portfolio**



#### Three Paths To Cloud Infrastructure



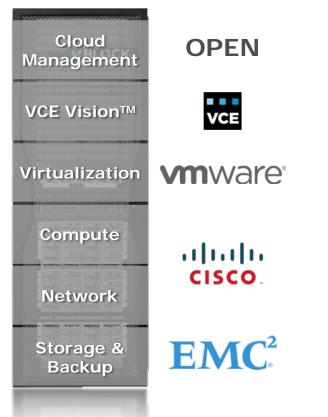
#### Vblock Systems: The Fastest Path To The Cloud



Single Product Single Point Of Support Managed As Single Product Integrated Data Protection Options

vmware<sup>s</sup> EMC<sup>2</sup>

#### Vblock Systems: The Fastest Path To The Cloud Foundation For The Next Generation Data Center



- Market Leading Components
- Engineered, Factory Tested Physical and Logical System Builds
- Simplified Management With Choice Of Management Tools
- Single Support

## The Vblock Difference

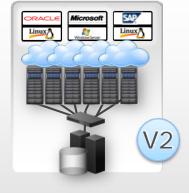
#### **DESIGN & DEPLOY**

#### MAINTAIN

# EXPANSION & UPGRADE





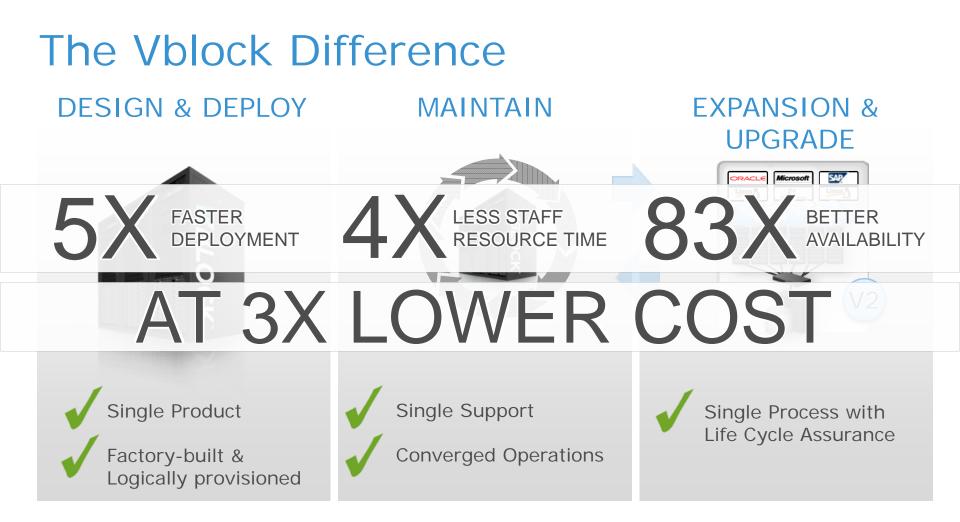


Single Support

Converged Operations

 $\checkmark$ 

Single Process with Life Cycle Assurance



# **Enabling Converged Operations**



## **Vblock Solutions**

#### **Acceleration Suites**

#### Vblock Systems Are Optimized To Deliver World Class Performance And Time-to-market For Mission Critical Work Loads.





## **Vblock Systems Data Protection**

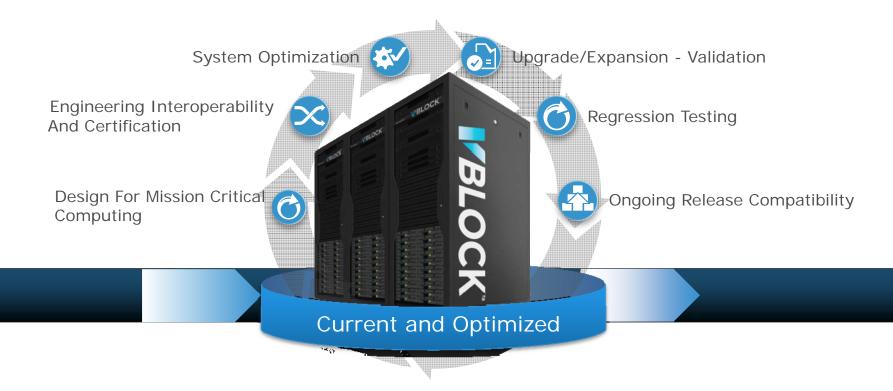
Industry Leading Data Protection Based On Data Domain & Avamar

Fast, Repeatable, Low Risk Deployments

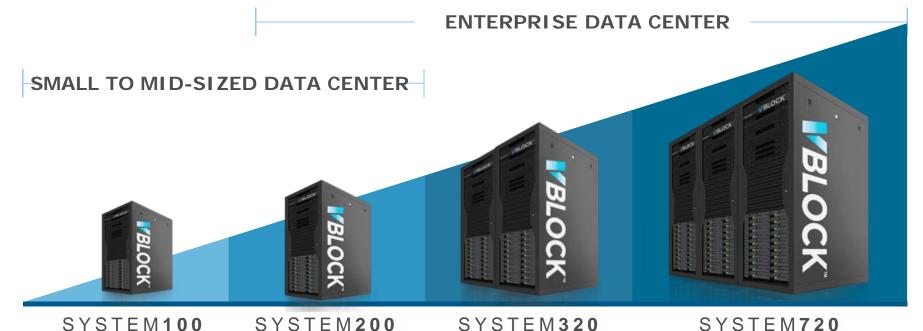
Consistently Implemented Across Entire Vblock Systems Portfolio



#### VCE Lifecycle System Assurance Lowers TCO And Risk



## Positioning Vblock Systems

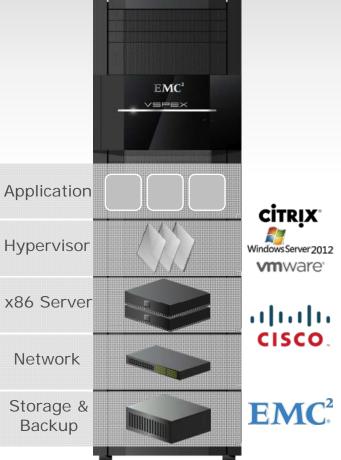


SYSTEM100 SYSTEM200 Standard Configurations

Modular Configurations

### Three Paths To Cloud Infrastructure





# EMC VSPEX SIMPLE. EFFICIENT. FLEXIBLE.

- CITRIX
  Reference Architectures Validated
  By EMC & Cisco
- Packaged By Partners
  - Choice Of Hypervisor And

Management

## The VSPEX Family



## **VSPEX - Cisco Validated Designs**

#### PRIVATE CLOUD

#### END USER COMPUTING

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CISCO.



## Three Paths To Cloud Infrastructure



Products

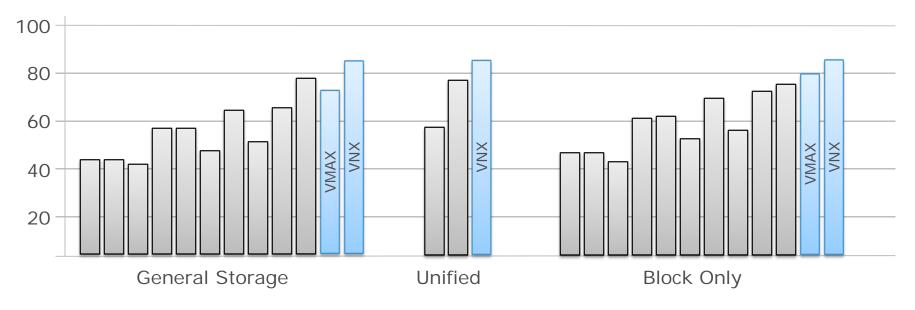
#### Partner VSPEX

#### **Vblock Systems**





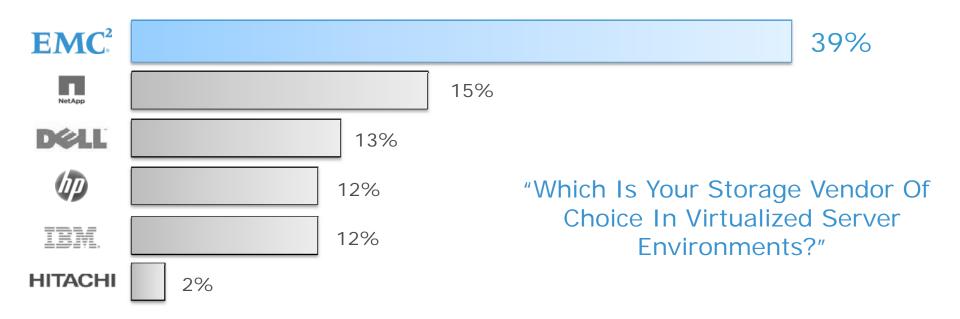
#### EMC Is The Most Integrated With VMware EMC Ranked #1 In All Three Categories Of Storage



Source: Wikibon Analysis & Survey 2012

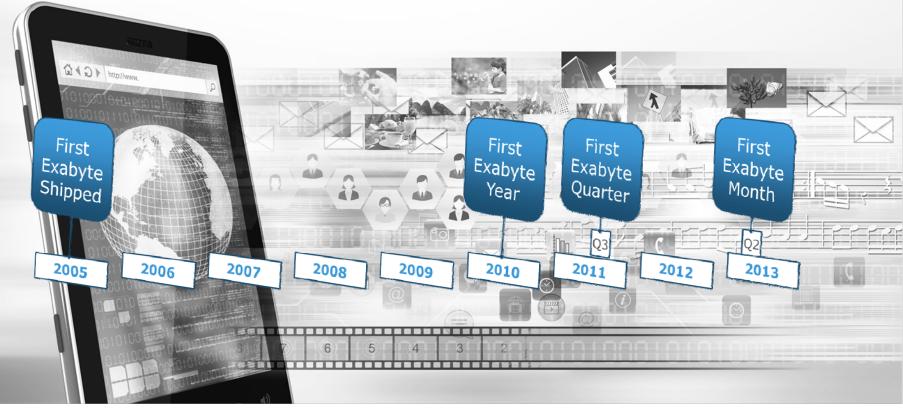
**EMC**<sup>2</sup> Other Vendors

## EMC Is #1 In VMware Environments

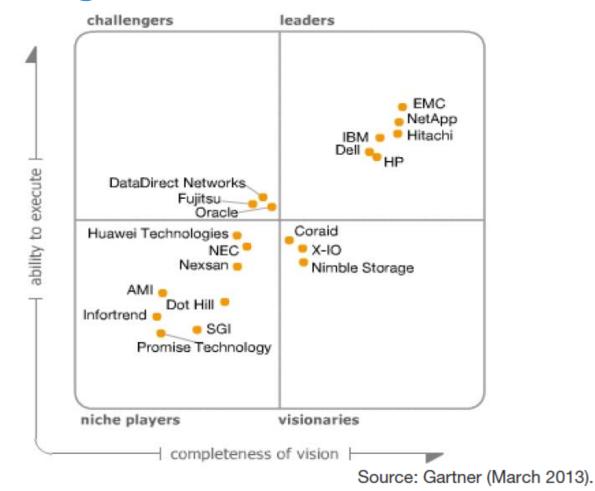


Source: Goldman Sachs IT Spending Survey, July 2012.

# The EMC Exabyte Journey

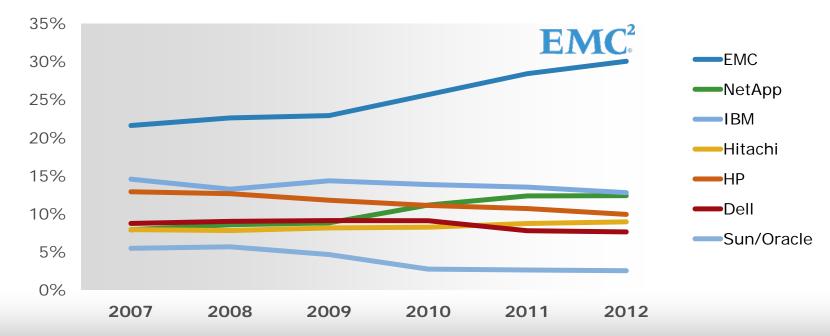


#### EMC Leading – Vision & Executiton



#### EMC Leading – Market Share

Worldwide External Storage Revenue Share



# Why EMC & Cisco ?

- Best In Class Products
- Flexibility And Control In Your Cloud Infrastructure
- World-Class Partnership With Shared Vision





# Accelerate To The Cloud

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