



Private Cloud

Strategy for the Enterprise

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Agenda

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Cisco's Cloud Strategy

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Cisco Private Cloud

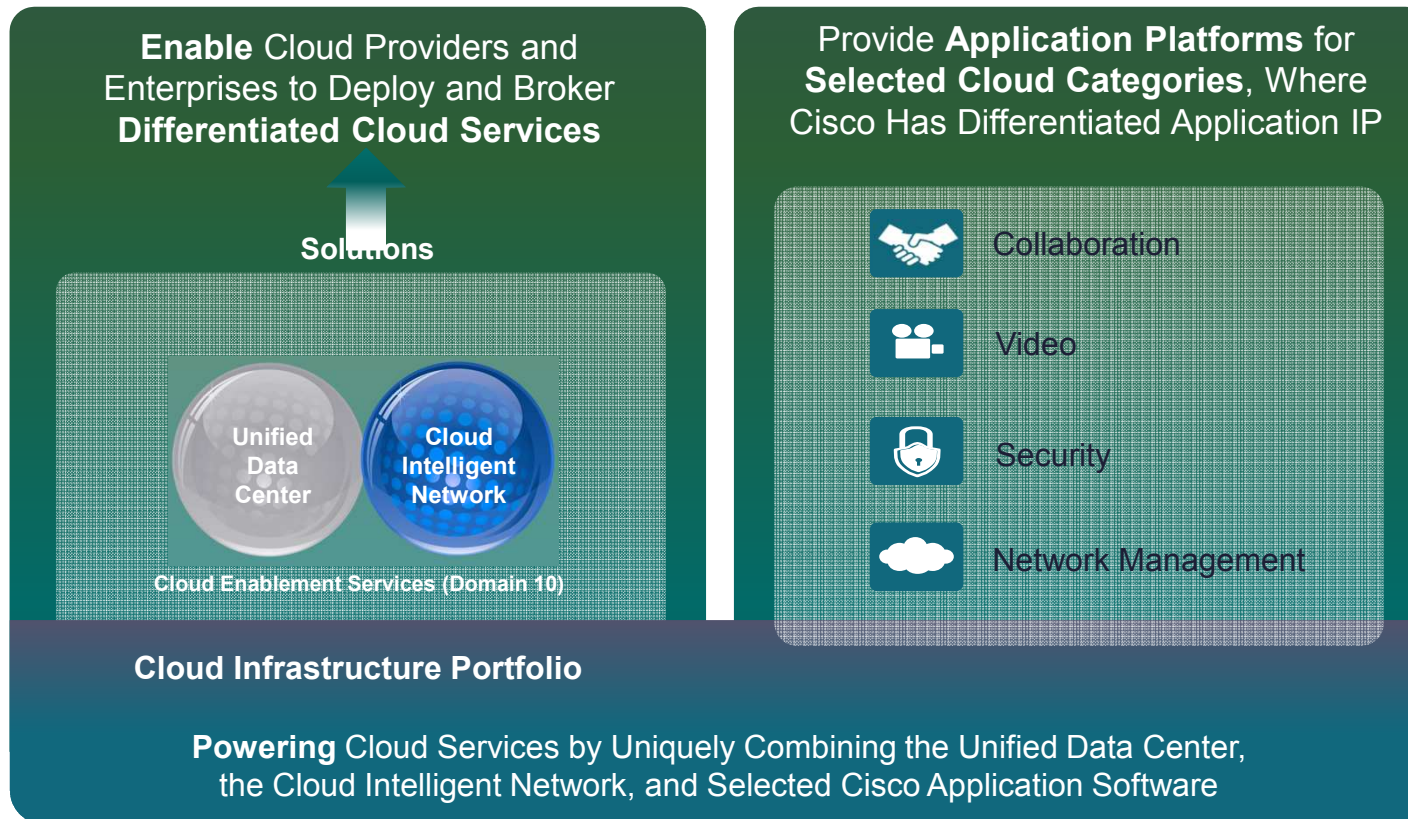
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Cisco Unified Management

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Data Center and Cloud Services

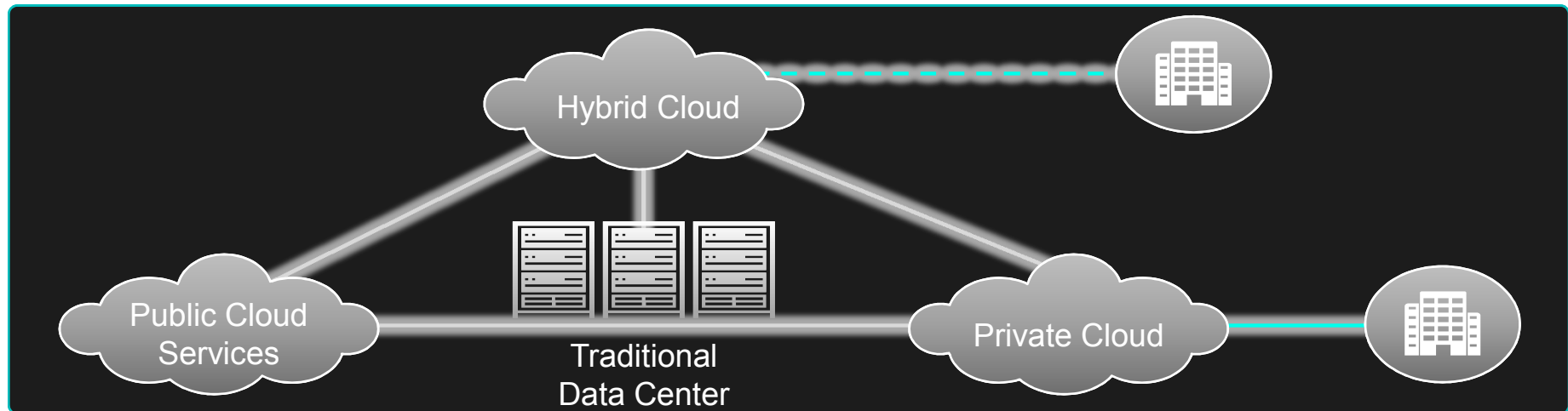
Cisco Cloud Strategy



Cisco for a World of Many Clouds

Multi-Cloud Portal

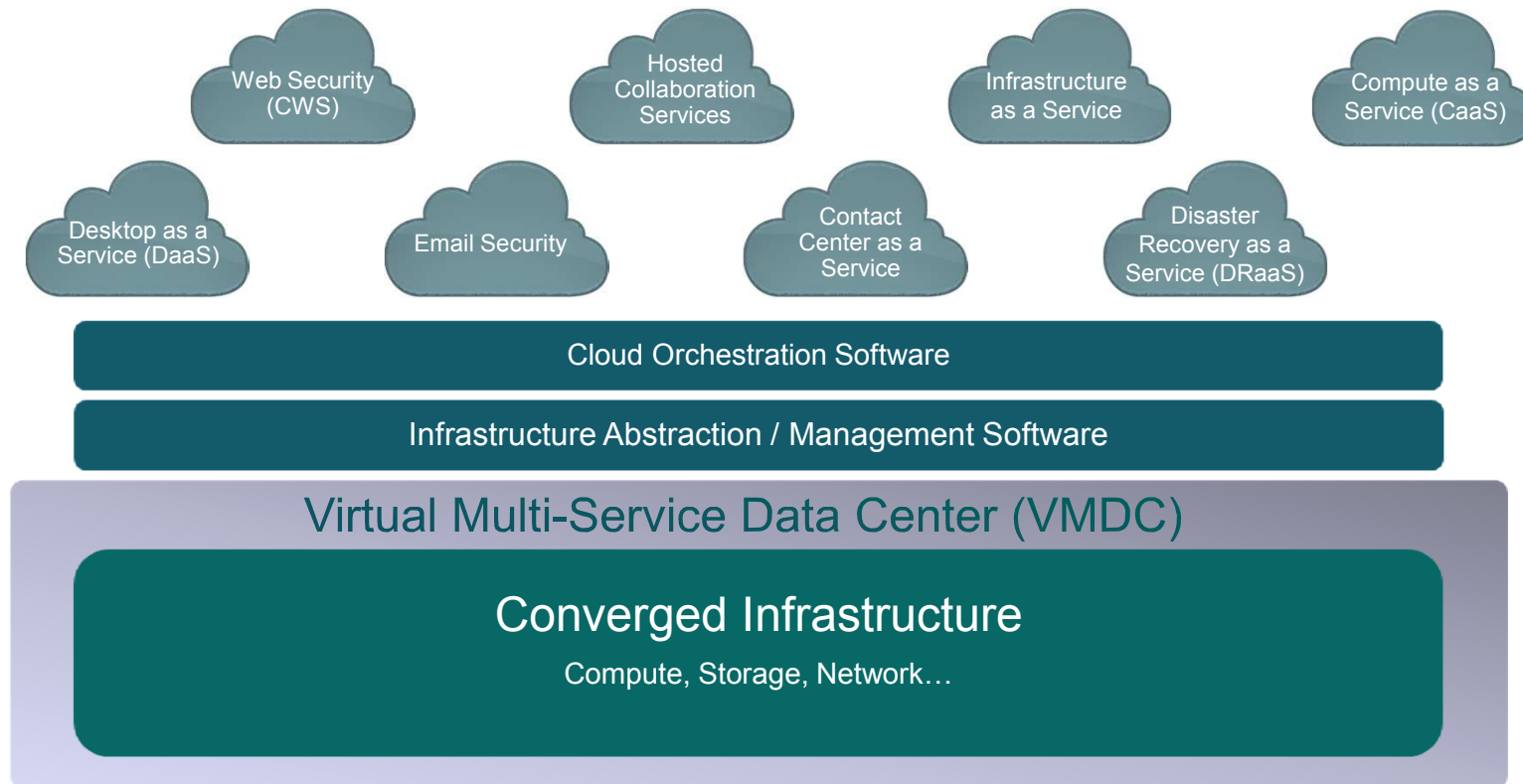
(Service Catalog, Demand Management, Financial Management)



Multi-Cloud (Virtual) Network Services

(Virtual Services Architecture → PNSC → N1Kv, CSR, VSG, vASA, VPX → InterCloud → vNAM)

Cloud Services



Enabling the Journey to Private Cloud

- 1** Cloud is enabling the journey to IT as a Service
- 2** Cisco is leading innovations to simplify cloud infrastructure
- 3** Infrastructure is only part of the discussion – people and processes are critical as well
- 4** Private cloud can result in IT being more responsive to the business
- 5** Result: business agility and increased customer satisfaction

Cisco Private Cloud Principles

Cloud Requires a Different Way of Thinking About Your Architecture

Infrastructure Managed as a System

Open Architecture That Delivers Choice

Security Integrated and Performance Optimized at All Levels

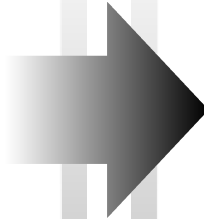
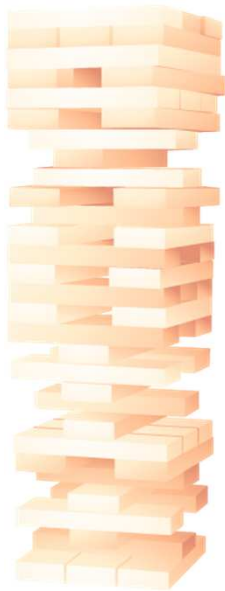


The New Way of Thinking Infrastructure

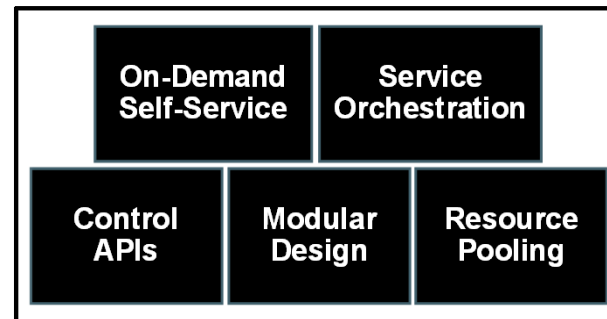
Legacy Infrastructure



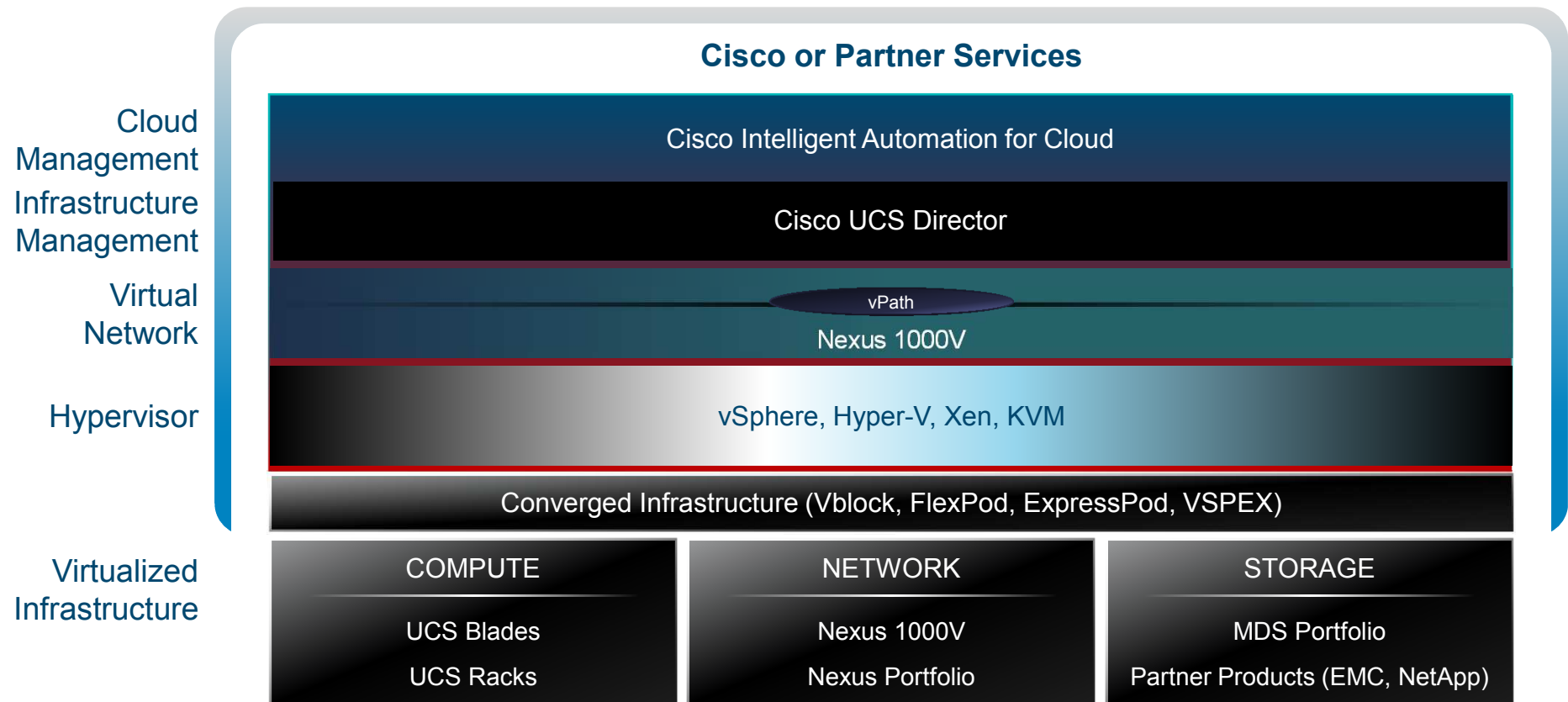
- Complex
- Expensive to Manage
- Slow to Provision



Private Cloud



Cisco Private Cloud Stack



Cisco Unified Management

Integration ready suite of management offers

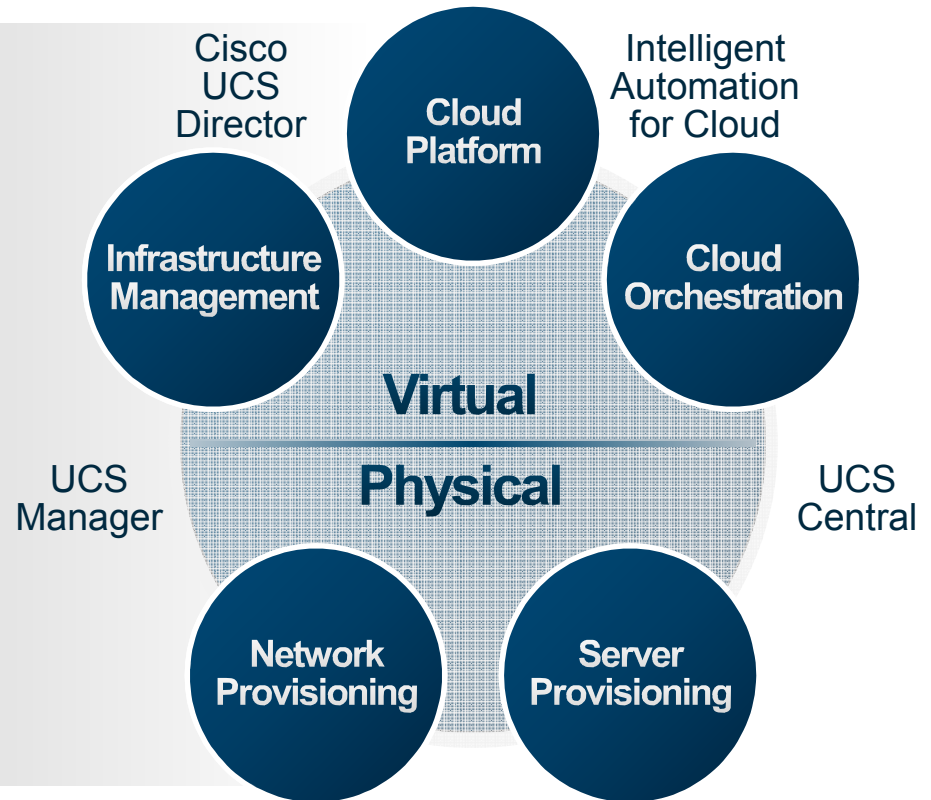
- Manages infrastructure as a system
- Open APIs and platform
- Provides customer choice

Complete data center automation

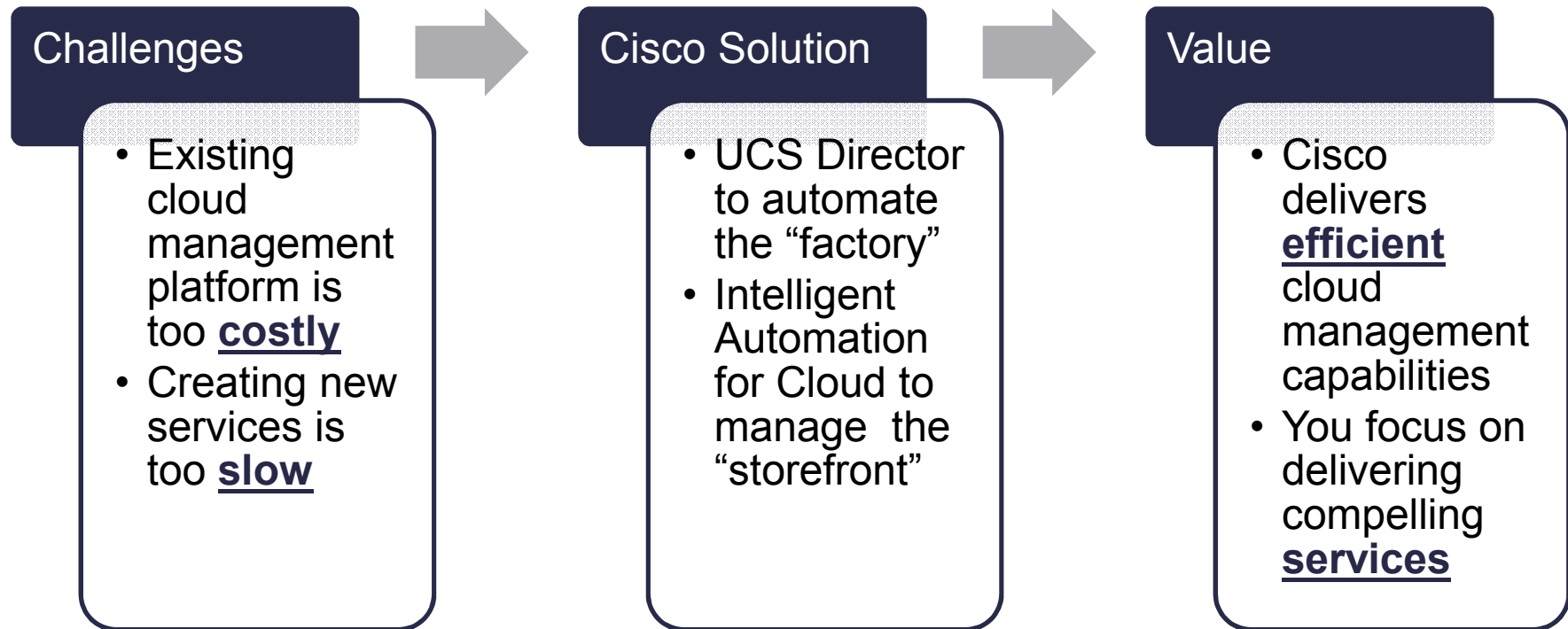
- Cloud, virtual and physical datacenters
- Multiple, user definable orchestration

Enables IT as a Service

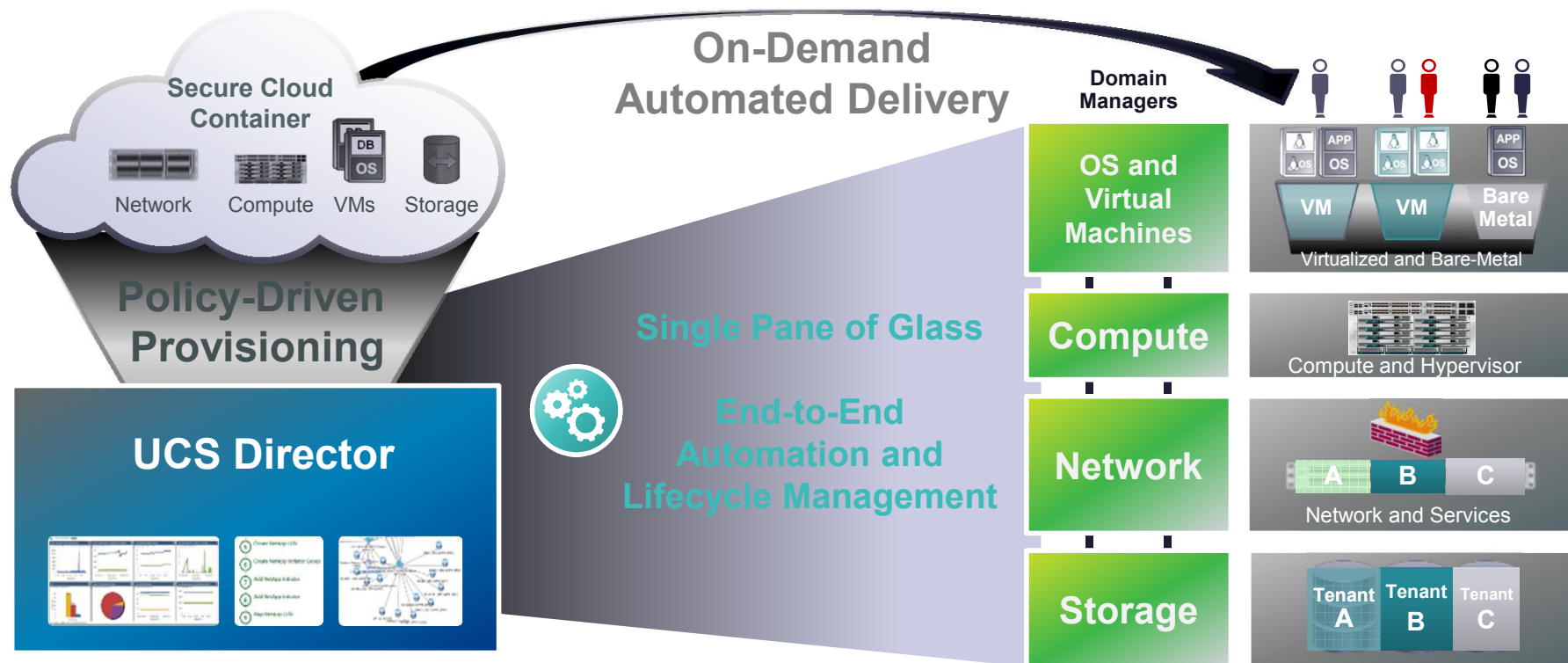
- IaaS and PaaS capabilities
- Complete integration with public cloud resources
- End-to-End multi-tenancy and security



Robust and Scalable IaaS / PaaS

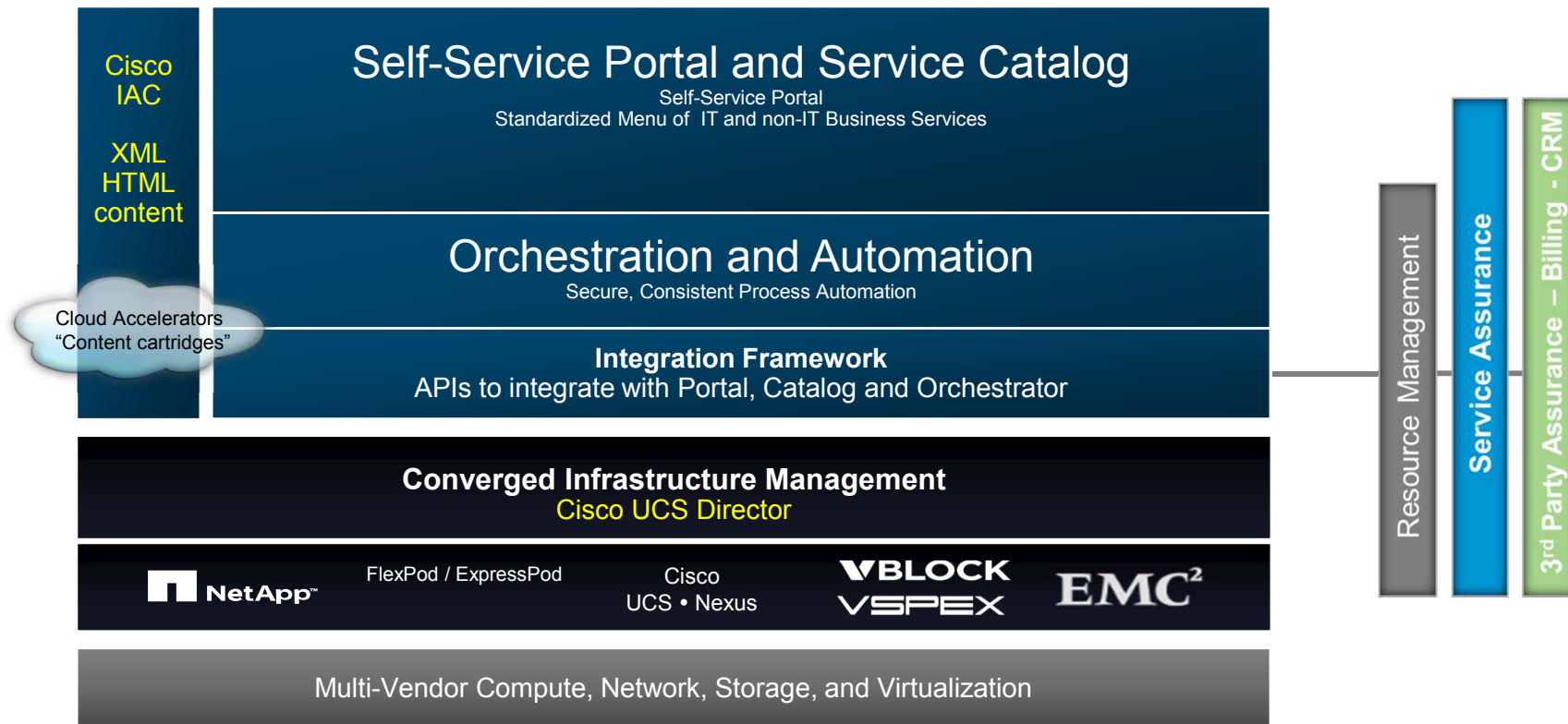


Cisco UCS Director Turn-Key Solution



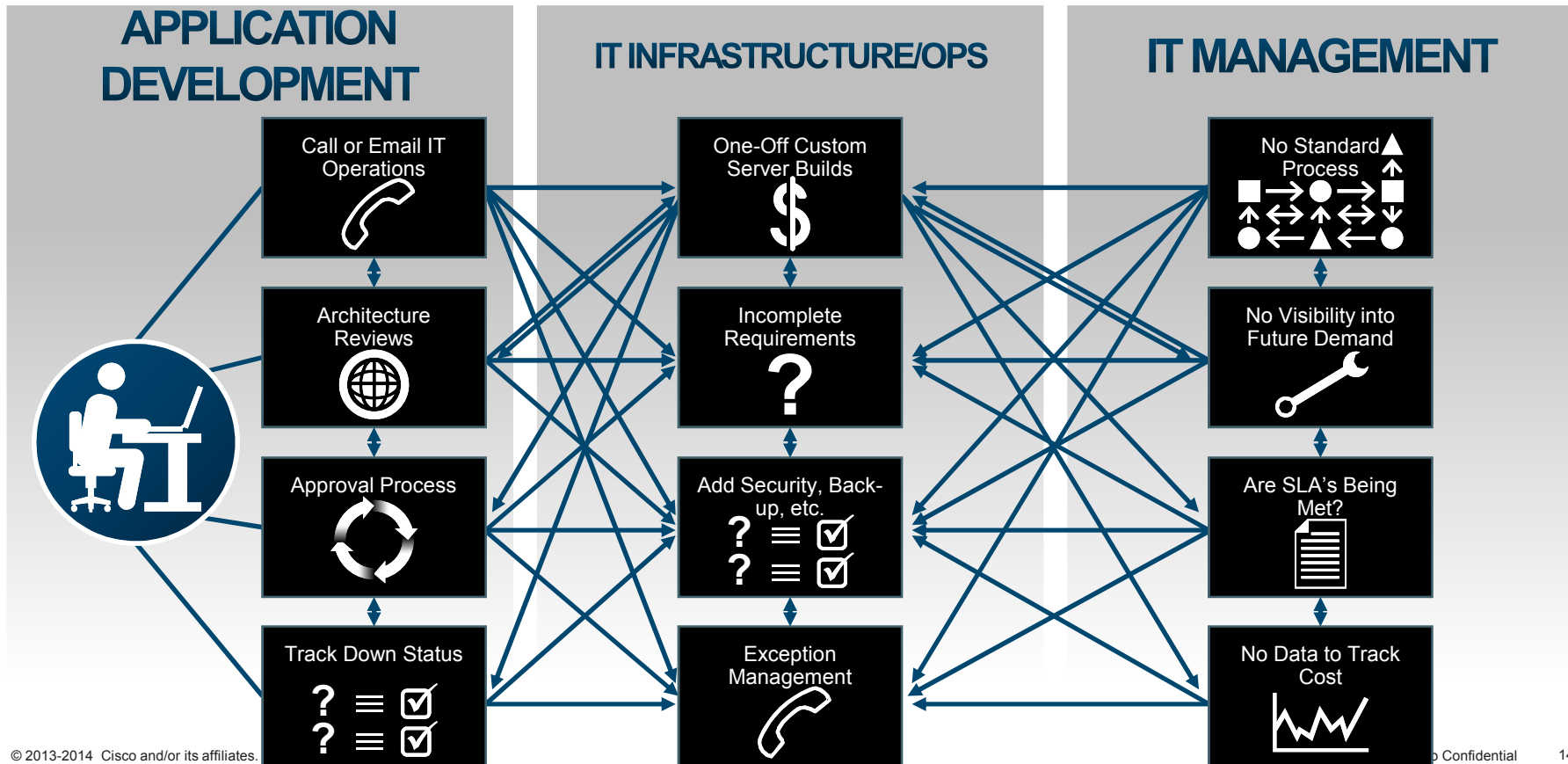
Cisco IAC Architecture

Better Together IAC + UCS Director

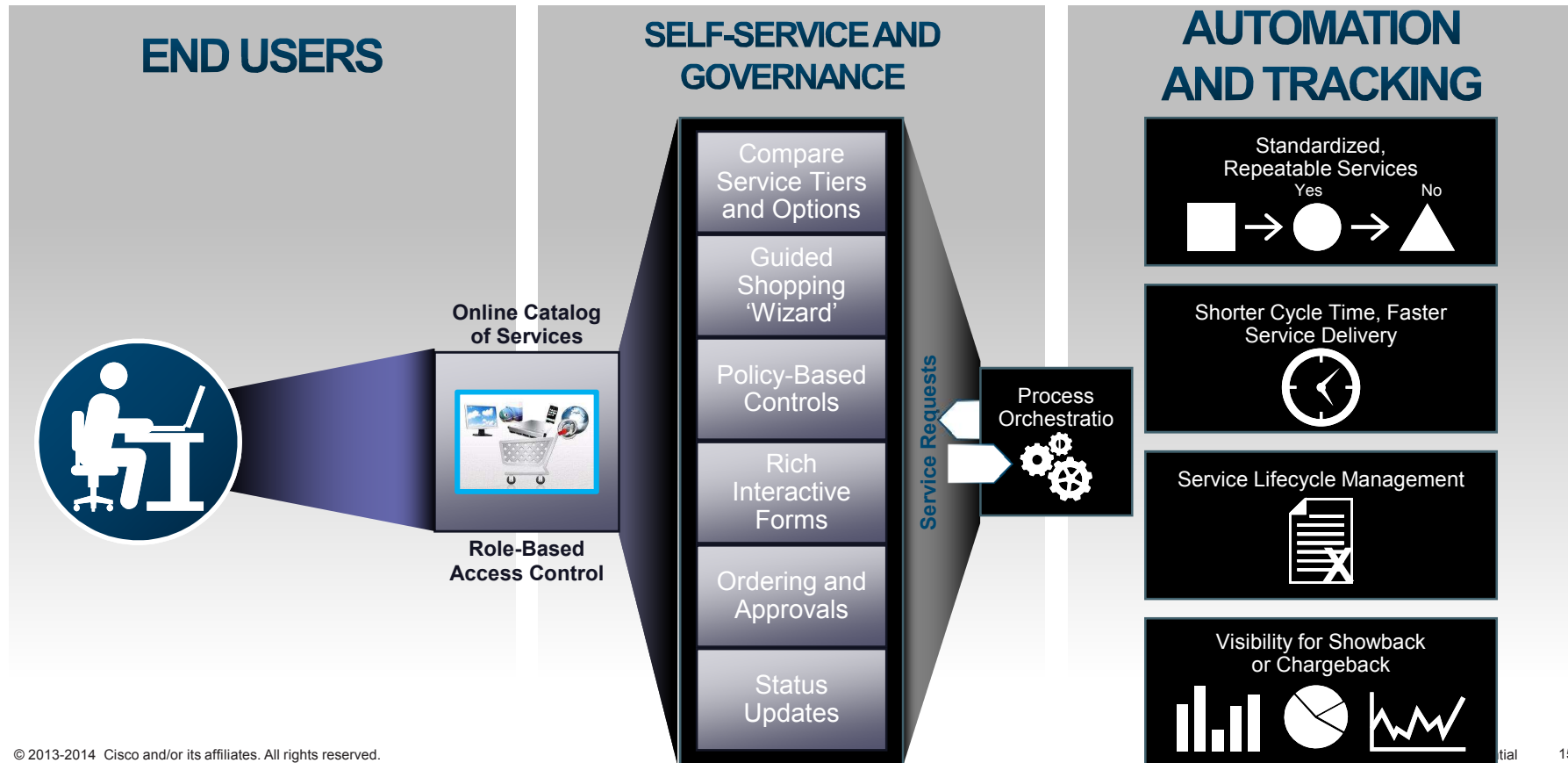


Existing Provisioning Process –

Complex, Time-Consuming, Expensive



Potential Customer Future State

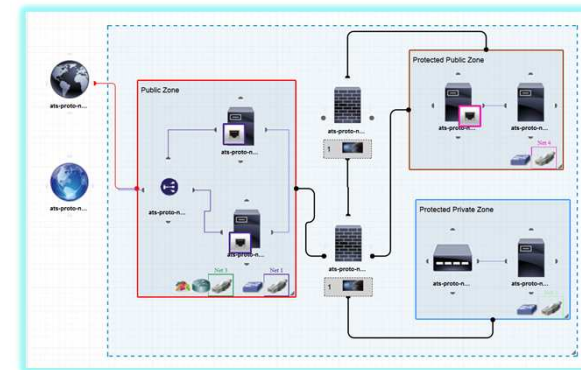


Cisco Intelligent Automation for Cloud 4.0

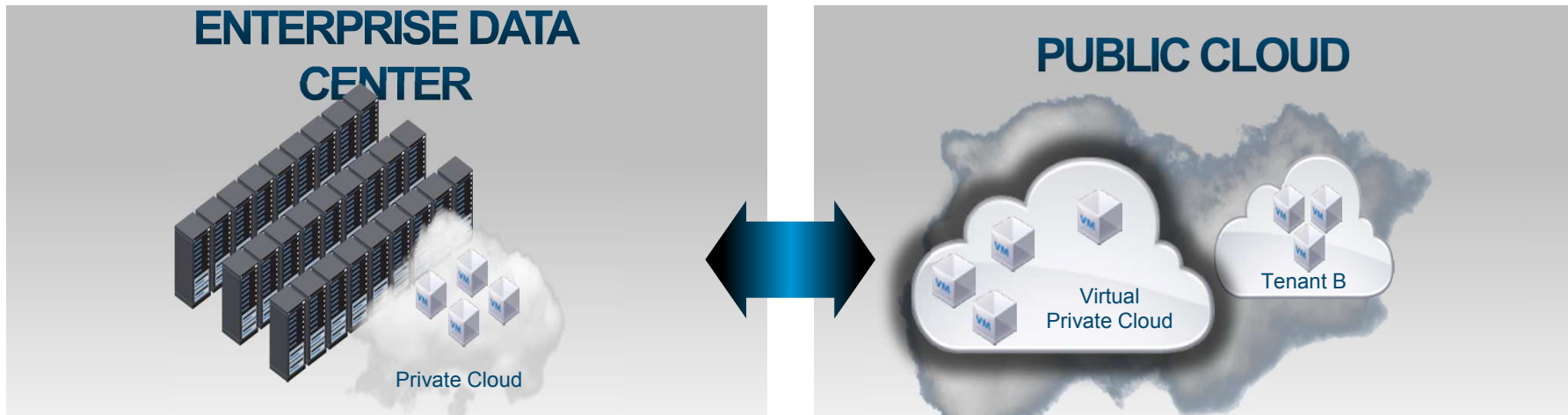
Extends IaaS into Cloud Store Front

IAC 4.0 advanced capabilities

- Industry leading self-service portal and service catalog for “Anything-as-a-Service”
- Out-of-the-box network automation
 - VMDC “inside”
- Out-of-the-box hybrid cloud management
 - Amazon, vCloud, OpenStack
- Advanced pricing, showback and demand management
- Advanced multi-tenant and multi-organization management
- PaaS Accelerator – multi-tier application design with embedded Puppet/Chef integration
 - ** Accelerator snaps into IAC *



Cisco's Vision for Hybrid Cloud



Secure Hybrid Cloud = Securely Connect Enterprise Private Cloud and Provider Public Cloud

USE CASES

- Bursting
- Disaster recovery/avoidance
- Upgrade/migration

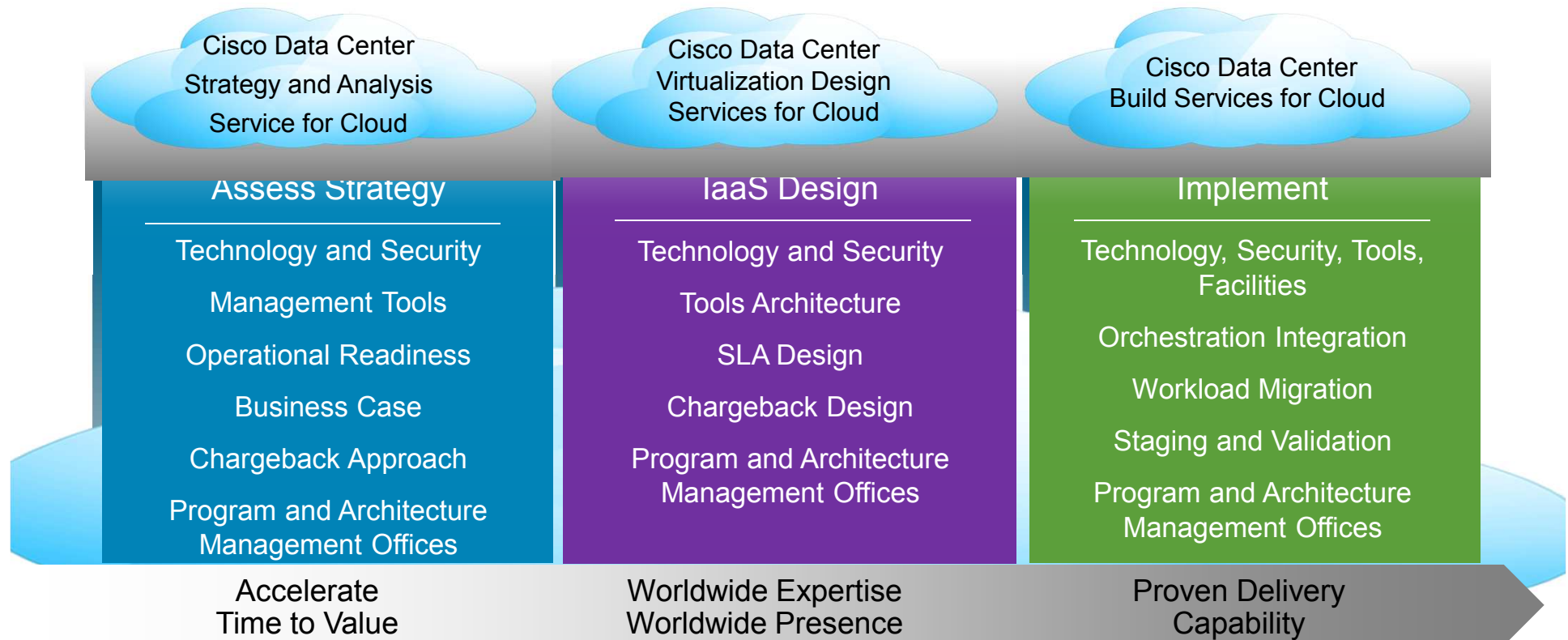
APPLICATIONS

- Dev/QA
- Intern/Partner VDI
- Training Apps
- Initially low-value workloads

REQUIREMENTS

- Network consistency
- Security consistency
- Policy consistency
- High performance

Cisco Services for Cloud Enablement



Thank you.

