Cisco Data Center Summit 2017

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Cisco Asia Pacific & Japan
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시스코 데이터센터 서밋 2017

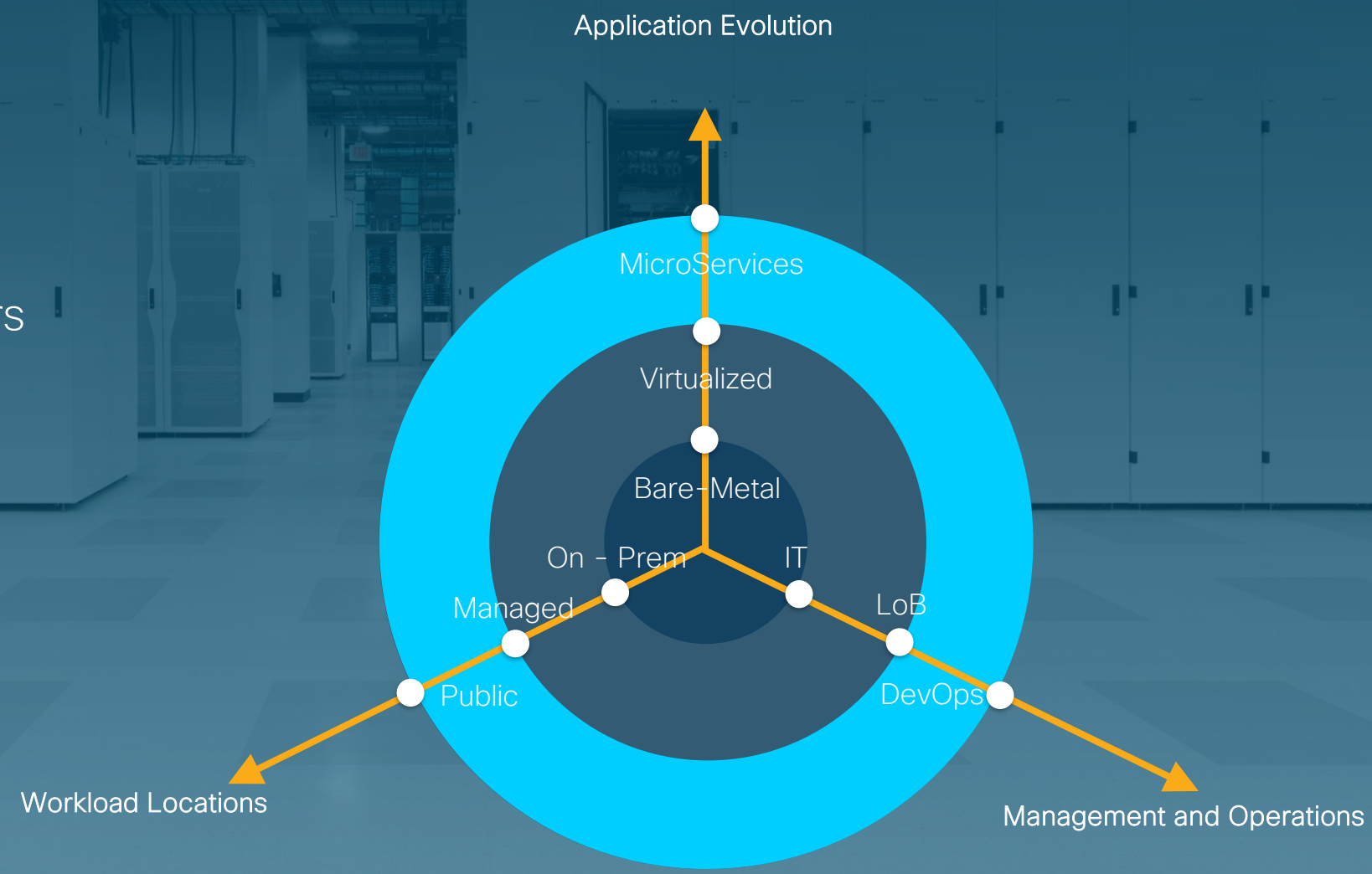
30,000+ Application Developers.
7200+ Apps. **32** Data Centers.

More Software Developers Than Google,
and More Technologists Than Microsoft...

Impact of Digital Transformation on Data Centers and Clouds

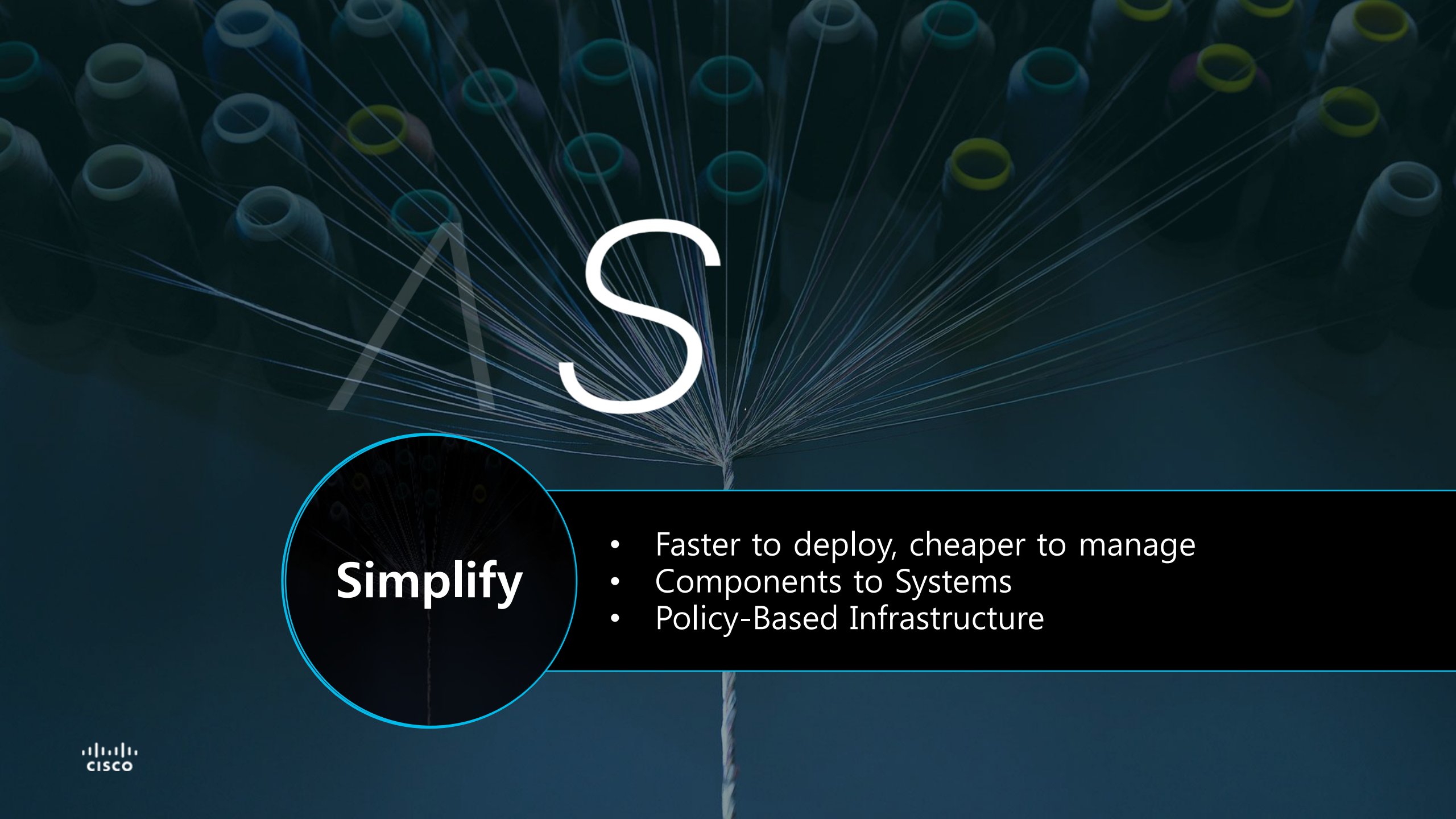
Challenges:

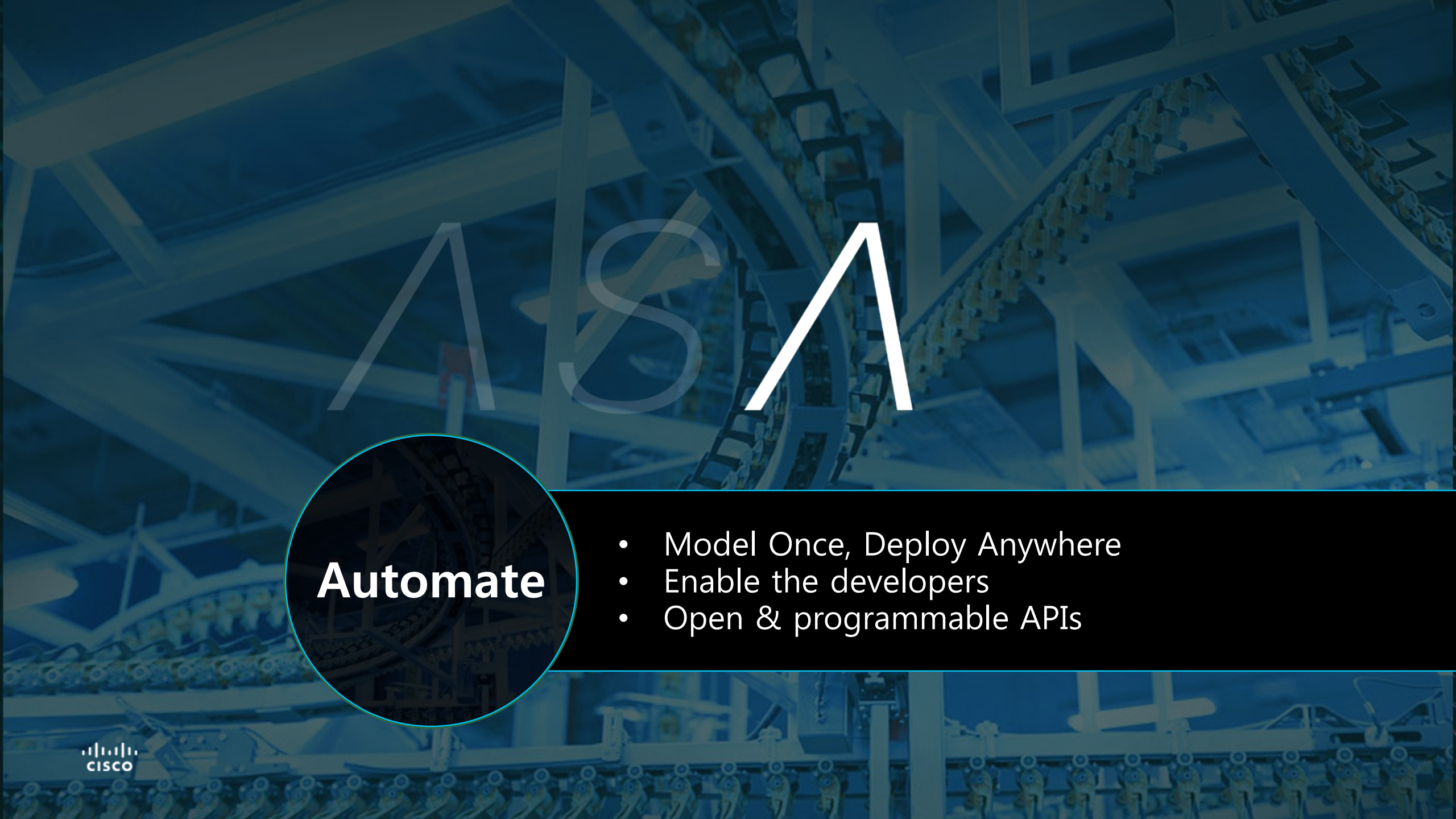
- Adopting hybrid cloud
- Empowering developers
- Mitigating Risk



ASAP
Analyze. Simplify. Automate. Protect.
Provision Infrastructure, ASAP. Mitigate Risk, ASAP. Scale Performance, ASAP
The ASAP Data Center from CISCO

Analyze
• Create actionable insights to make smarter decisions
• See everything, act fast, know the impact
• Maximize application performance


S
Simplify
• Faster to deploy, cheaper to manage
• Components to Systems
• Policy-Based Infrastructure


ASA
Automate
• Model Once, Deploy Anywhere
• Enable the developers
• Open & programmable APIs
cisco

ASA
P
Protect
• Security designed to work together
• Smarter Segmentation
• Resilient and Reliable
cisco

Foundational Pillars of the Cisco ASAP Data Centre

Optimise Infrastructure	Simplify Operations	Cloud-Native App Stack	Hybrid Cloud	Real-time Analytics
Nexus UCS Next-gen Firewalls CI & HyperFlex	APIC	Docker openstack	Cisco CloudCenter Private Managed Public	Cisco Tetration Analytics
Performance Scale Security	Automation Unify Policy 50+ eco-system	Containers Self-Service DevOps Tools	App. Benchmark Extend Policy Securely move data & workloads	Monitor every flow App dependency On-prem & Cloud

ASAP – Built on Best in Class Software and Infrastructure

Infrastructure Management and Automation
- UCS Director

Hybrid Cloud
- Cisco Cloud Center

Software Defined Networking
- ACI

Real-time Analytics
- Tetration Analytics
- AppDynamics

*A*nalyse

*S*implify

*A*utomate

*P*rotect

Cisco Security Solutions

Nexus Switching

UCS Integrated Infrastructure

UCS and UCS Manager

Hyperconverged Infrastructure: HyperFlex Systems

UCS S-Series

MDS Solutions

UCS: Foundation for Converged Infrastructure

78% Reduction of Cabling

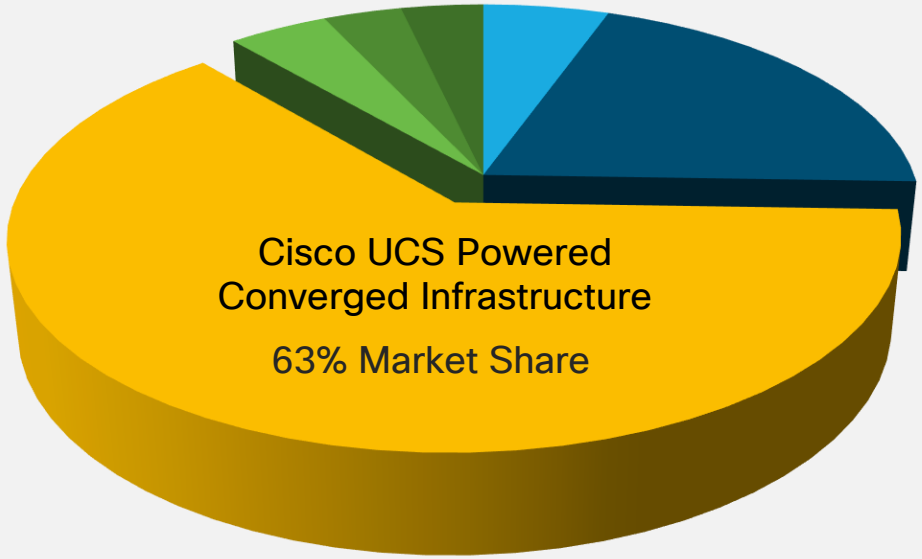
83% Reduction in Provisioning Times

49% Reduction of Power and Cooling Costs

62% Reduction of Ongoing Management Costs

Why Cisco UCS:

- **Lowest Risk and TCO**
- **Mission Critical Performance**
- **Mission Critical Availability**
- **Proven and Tested Solution**
- **Fastest Time-To-Revenue**



60,000+
Cisco UCS Customers

120+
World Record
Performance Benchmarks

Strong Vision & Future Innovation

Cisco HyperFlex

Industry's leading HyperConverged Solution

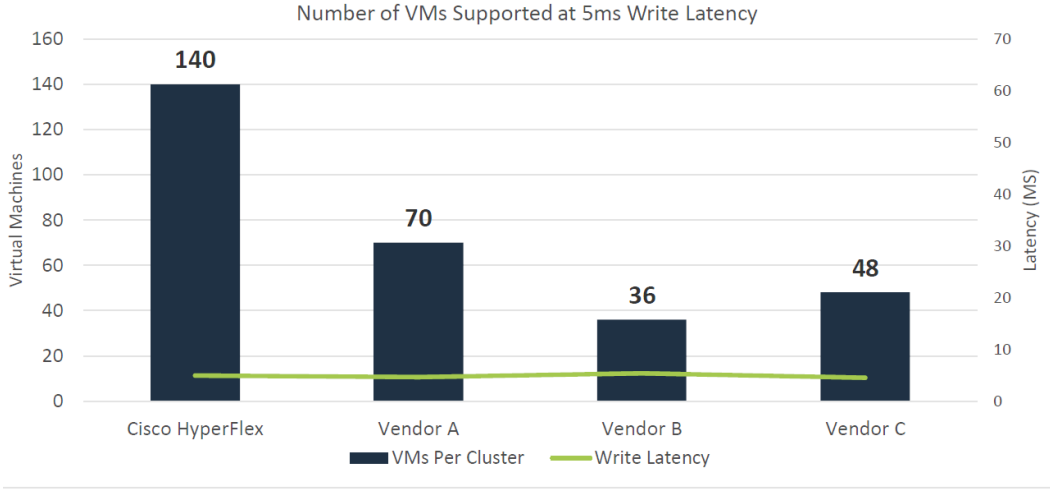
Integrated Networking

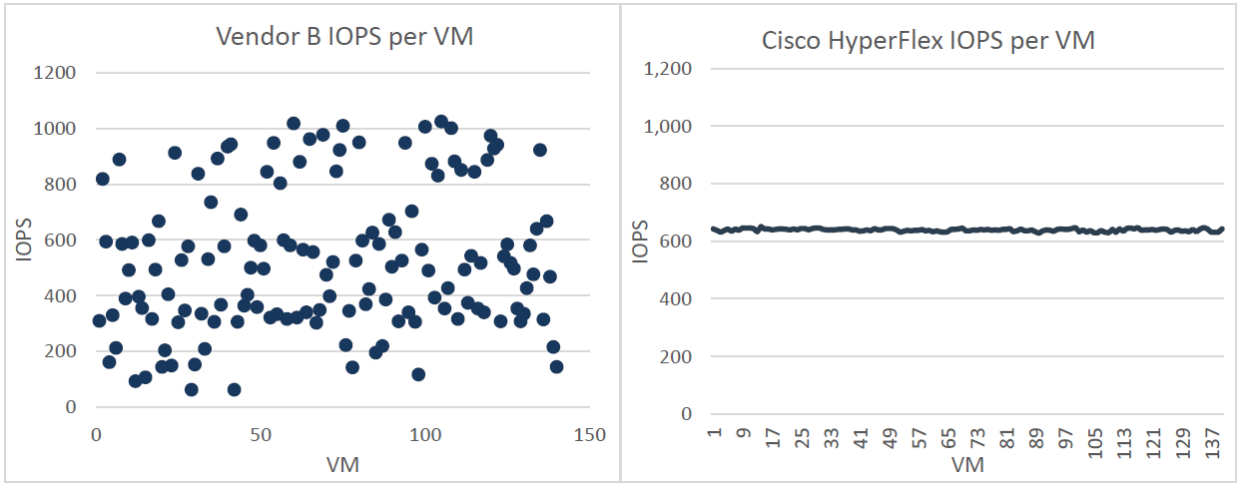
Investment Protection

Data Reduction without Caveats

Efficient Data Services

Simple Management





Source: Enterprise Strategy Group, 2017

Campus Cloud with HyperFlex Case Study

Customer Objective and IT direction

- Data Center innovation for New Hanyang 2020 vision
- Fast and Agile IT service for students, professionals and University-Industry cooperation
- Enhanced Secure Data Center and Service visibility

Solution & Value

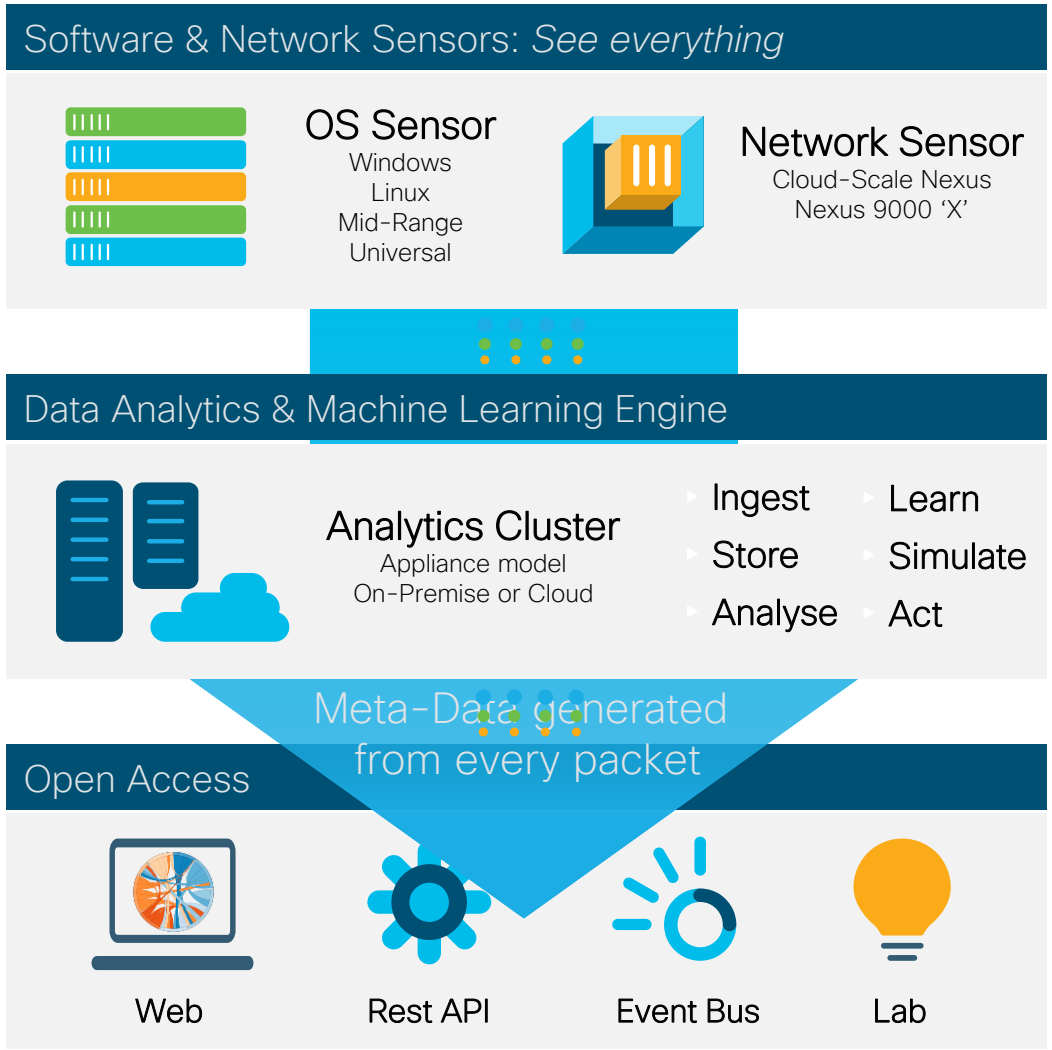
- HyperFlex for server & storage consolidation
- 40G/100G Migration & SDN ready with Application Centric Infrastructure
- Secure Data Center Solution

Business Outcome

- Cost saving in space, power, server investment
- Operation efficiency and more secured IT service
- Agile IT service
- Hybrid Cloud readiness for flexible IT service

한양대학교
HANYANG UNIVERSITY

Introducing Tetration



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THANK YOU
CISCO
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