



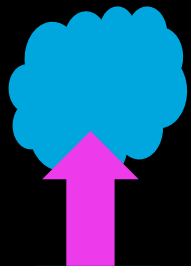
# Solving Business Challenges in a World of Many Clouds

JP Van Steerteghem  
Sr Dir CTO Global Data Center

Cloud Leadership Forum  
June 13<sup>th</sup>, 2012

# Cloud deployments expected to increase significantly

**Today**



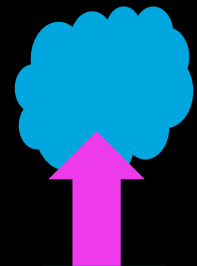
$\frac{1}{2}$

**Total Apps**



**5% IT decision makers**

**End of 2014**



$+\frac{1}{2}$

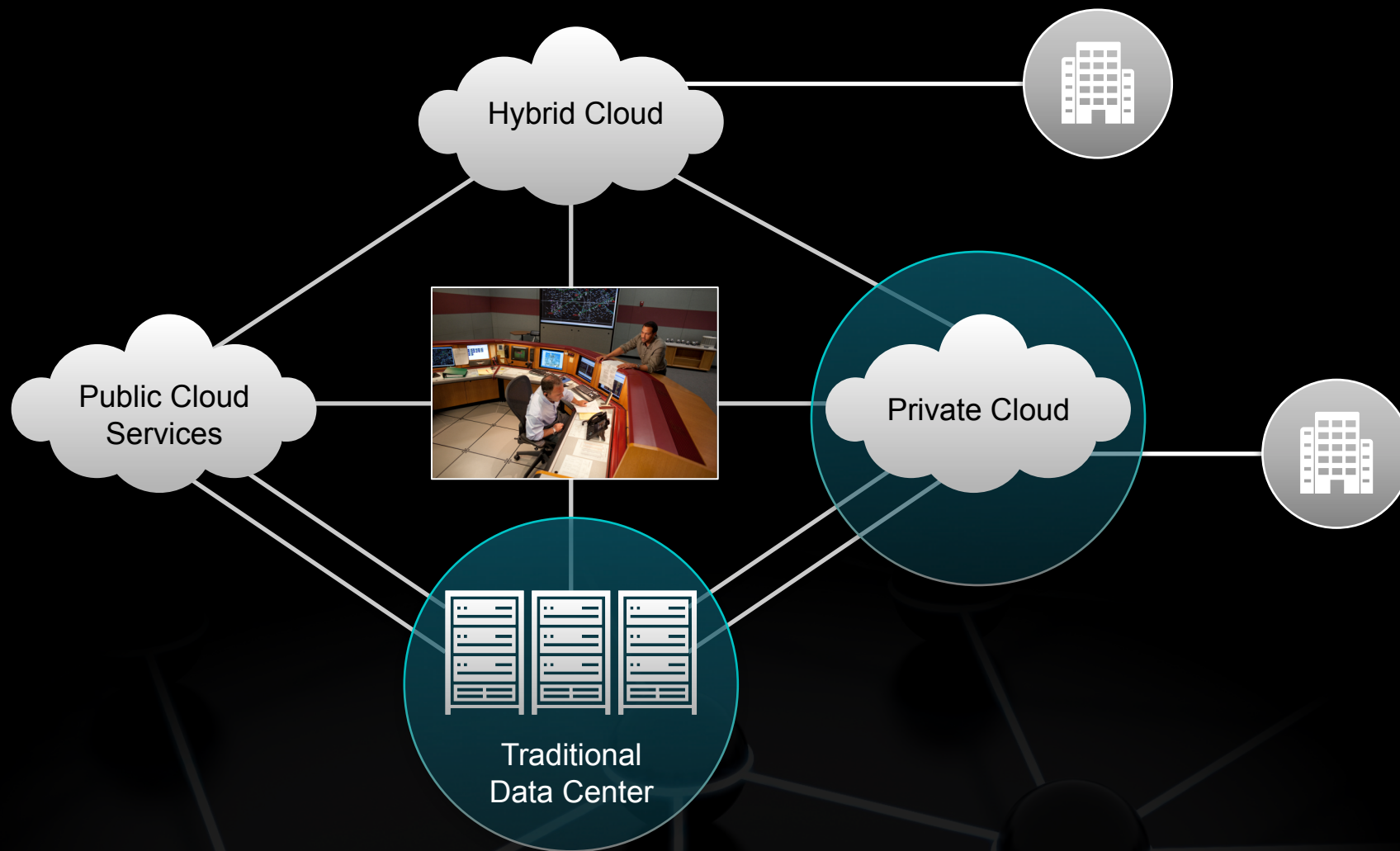
**Total Apps**



**20% IT decision makers**

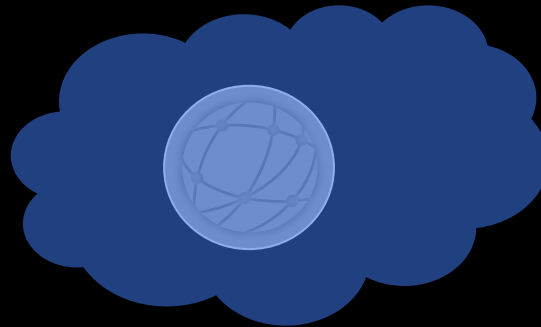
# Tomorrow's IT—World of Many Clouds

Enabling Multiple IT Sourcing Models



# Most Critical Infrastructure for cloud deployments

**37%**



**Cloud Ready Networks**

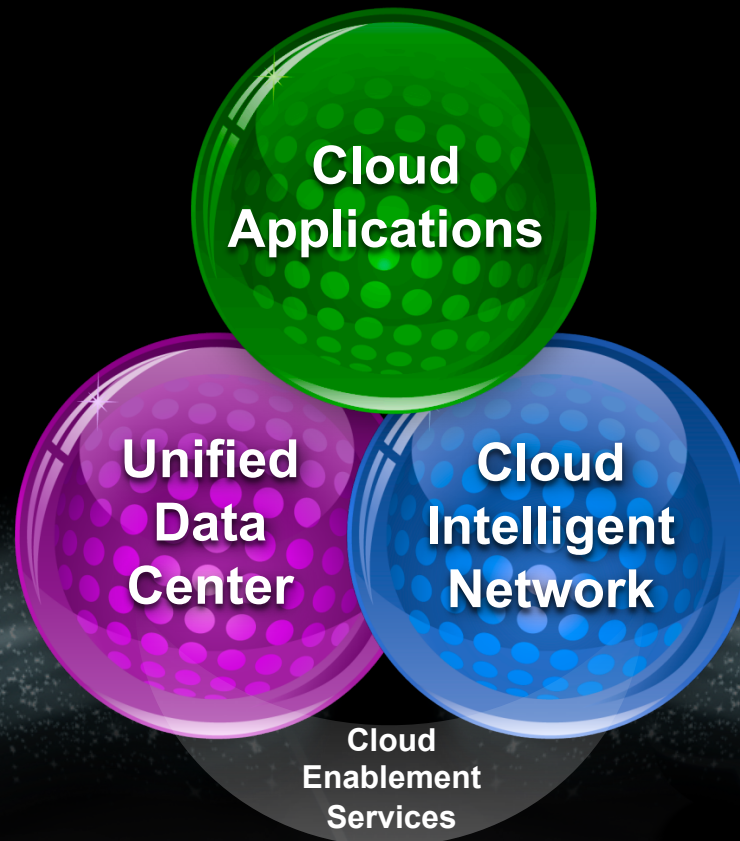
**28%**



**Virtualized Data Centers**

# Cisco CloudVerse

Key Capabilities for Public, Private and Hybrid Clouds



*Enabling* Cloud Applications/Services by Uniquely Combining  
the Unified Data Center and Cloud Intelligent Network

# Cisco Unified Data Center

The Platform for Delivering IT-as-a-Service



HIGHLY SCALABLE,  
SECURE NETWORK  
FABRIC



MODULAR  
STATELESS  
COMPUTING  
ELEMENTS

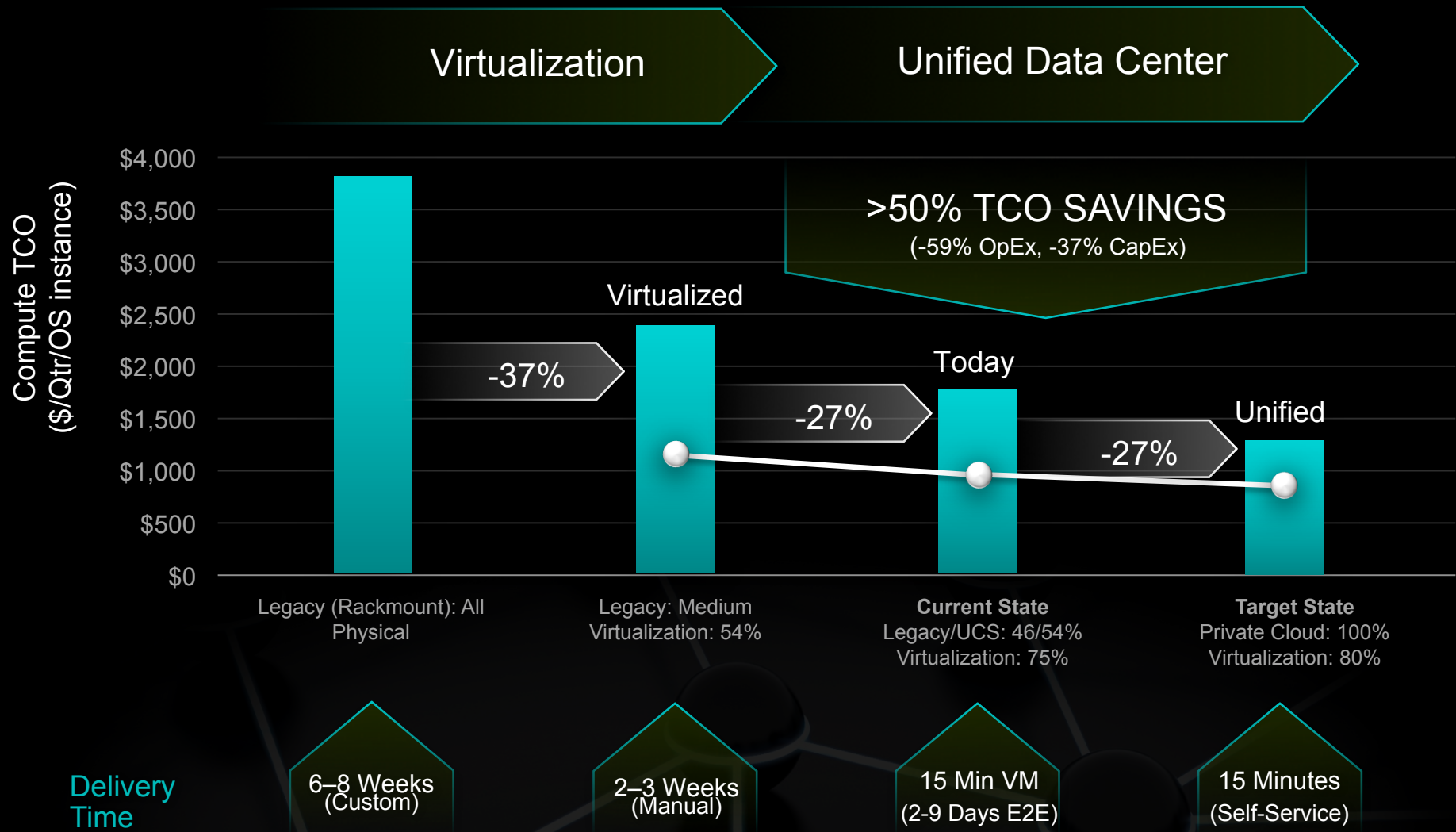


AUTOMATED  
RESOURCE  
MANAGEMENT  
(PHYSICAL AND  
VIRTUAL)



# Cisco Unified Data Center

## Keeping the Promise



# Current Networks Are Not Ready for Cloud

Key Findings – Cisco Global Cloud Networking Survey, April 2012\*

## Expectation

**20%**

Will have more than 50% apps in the cloud by 2014

**37%**

Consider Cloud-Ready WAN to be the most important infrastructure for cloud

## Reality: Top Network Challenges

**60%**

Cited Performance as a key challenge for cloud

**66%**

Cited security and policy as a key challenge for cloud

**60%**

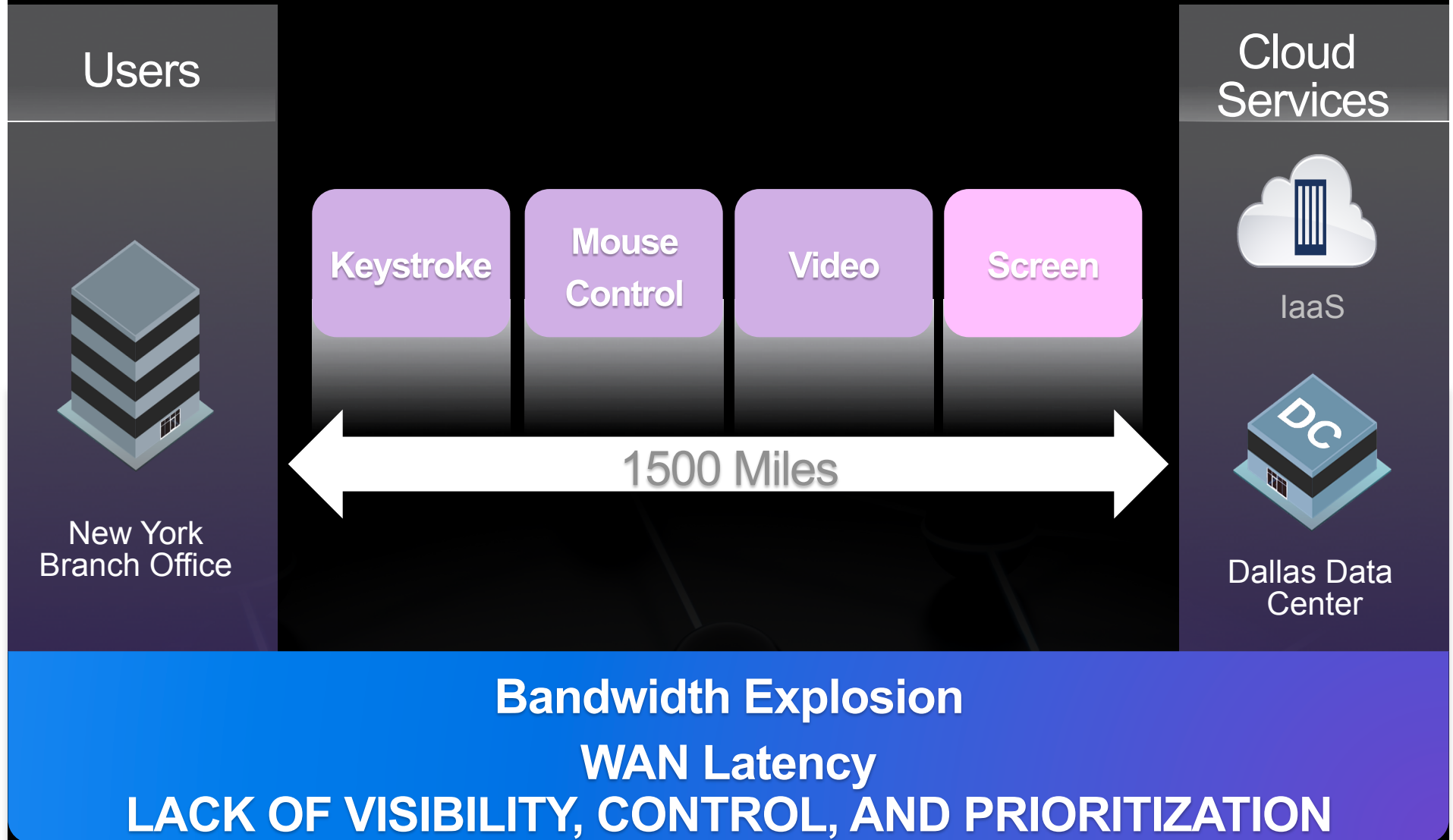
Cited management as a key challenge for cloud

\* 1300+ Global IT professionals across 13 countries

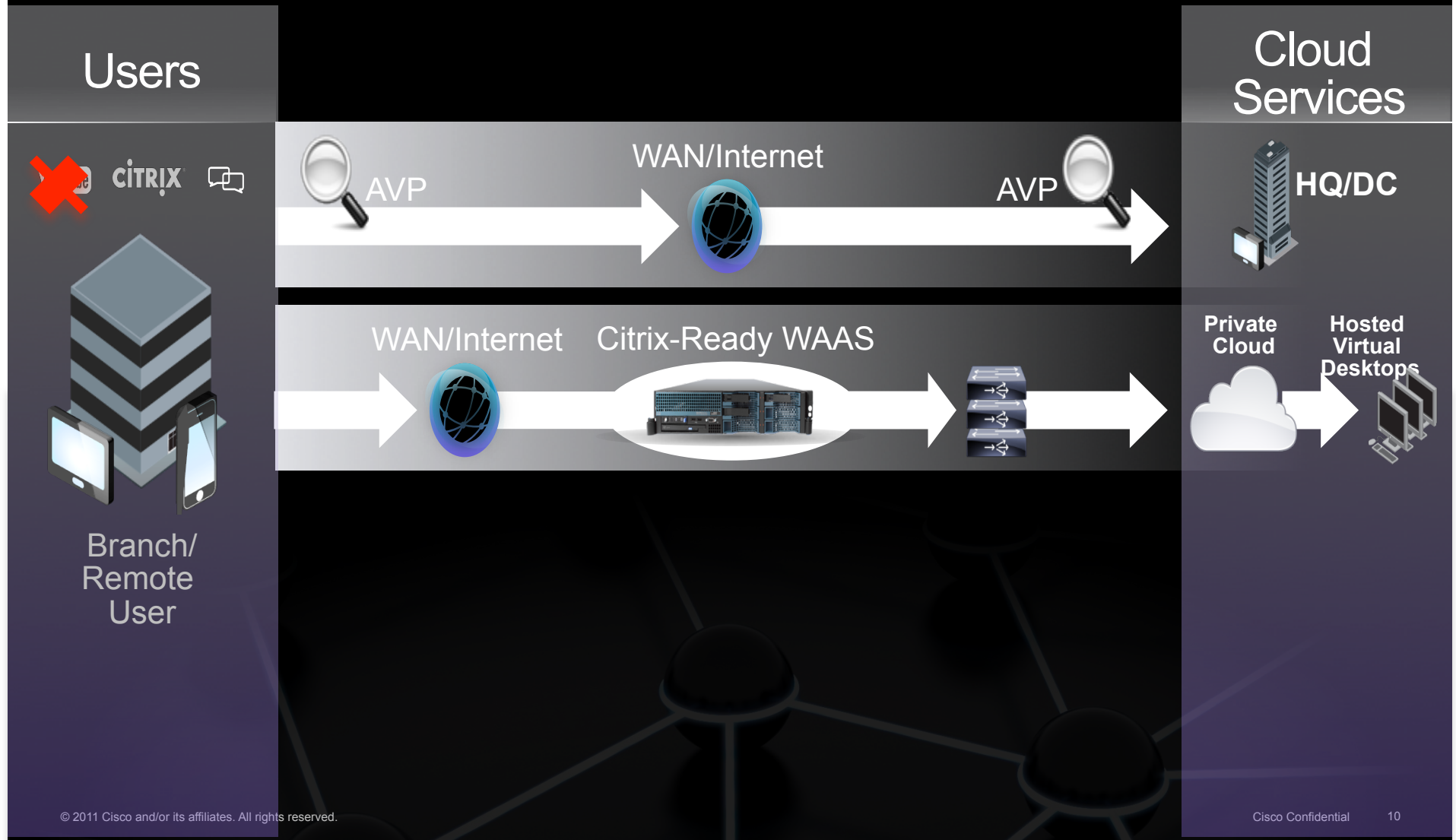


# The Private Cloud Challenge

## User Experience

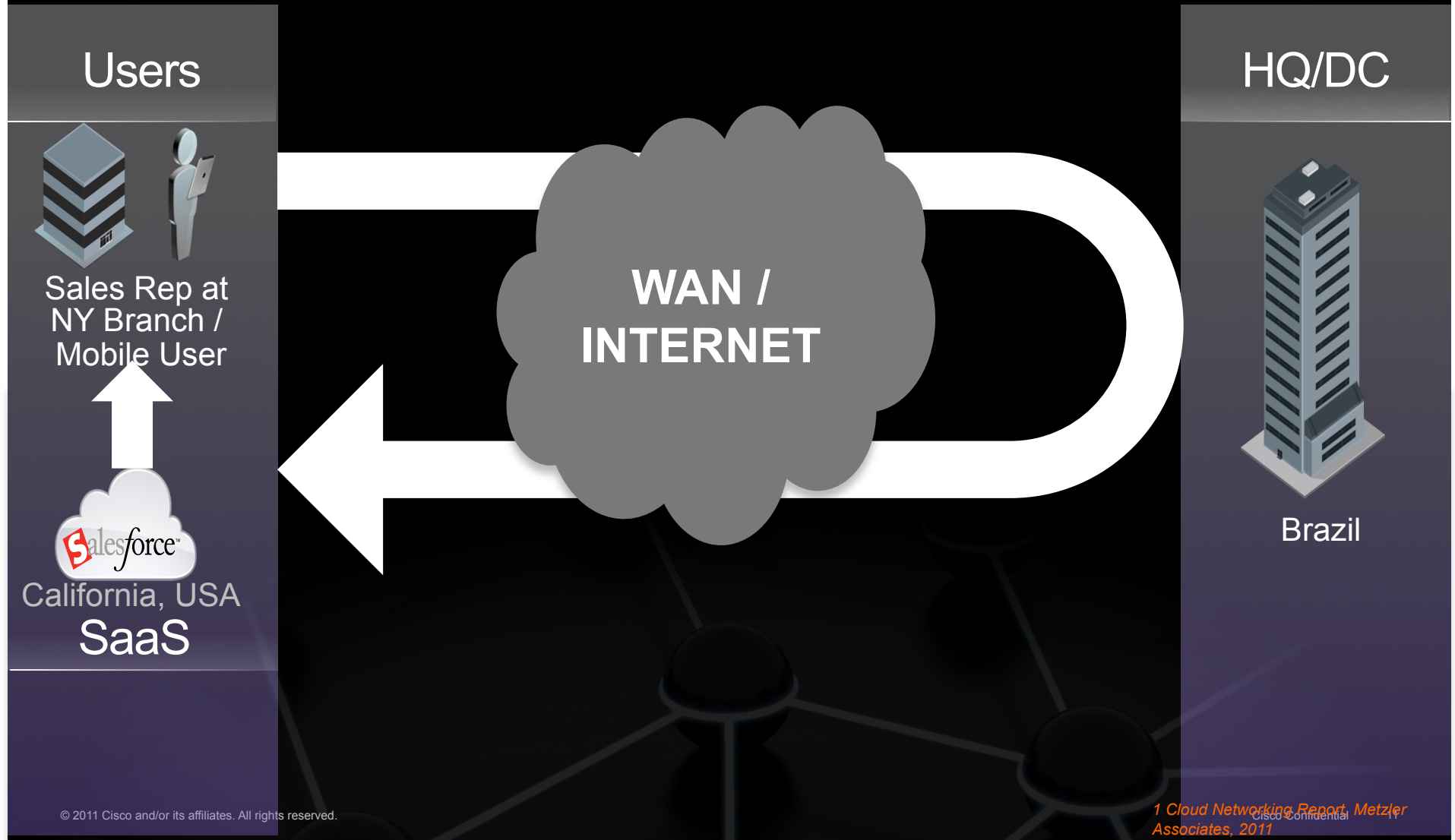


# Optimal Experience



# The Public Cloud Challenge

## Inefficient Security



# Cloud Security

Users



Branch/  
Remote  
User

ScanSafe Connector



Internet



Cloud  
Services

Salesforce



SAAS

# Cisco Cloud Connected Framework

- Delivering Optimal Experience, Pervasive Security, and Simplified Operations



# Conclusion

- Cloud deployments are **increasing** significantly
- Unified Data Center delivers **cost efficiencies** and **business agility**
- The network must be cloud ready to deliver user **experience, security** and **performance**
- The Journey to ITaaS is **different** for each



Thank you.

