Secure Data Usage and Public Exposure of SaaS Applications in Minutes

Protect Your Sensitive Data

Christopher Raye
Senior Account Manager, Networking For Future

William Booth
Cloud Security Specialist, Cisco

CISCO

NFF

Agenda

Company Overview

Cisco Cloudlock

Case Studies

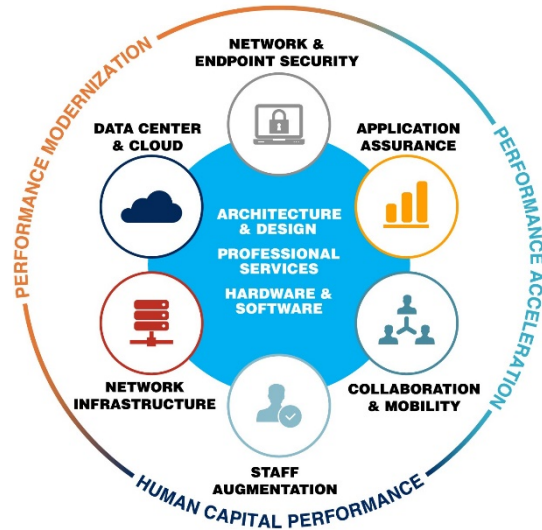Next Steps

Questions

CISCO

NFF

Networking For Future (NFF) offers a performance-focused approach to delivering transformational IT business solutions

Networking For Future, Inc. (NFF)

- Founded in 1996
- Headquartered in Washington, DC
- 130+ Employees
- 77% of workforce hold industry certifications

IT Business Solutions

Strategic Partners

- Cisco Gold Partner
- Riverbed Premier
- Splunk Partner
- NetApp Gold
- VMware Enterprise Partner
- Microsoft Certified Silver
- Gigamon
- F5 Networks
- CoreSite

Strategic Contract Vehicles

- GSA Schedule (GS-35F-0197L)
- District of Columbia Supply Schedule
  - MOBIS and ITES
- Maryland Education Enterprise Consortium (MEEC)
- Maryland Consulting and Technical Services (CATS+)
- Fairfax County Public Schools
- Maryland DoIT Hardware Master Contract

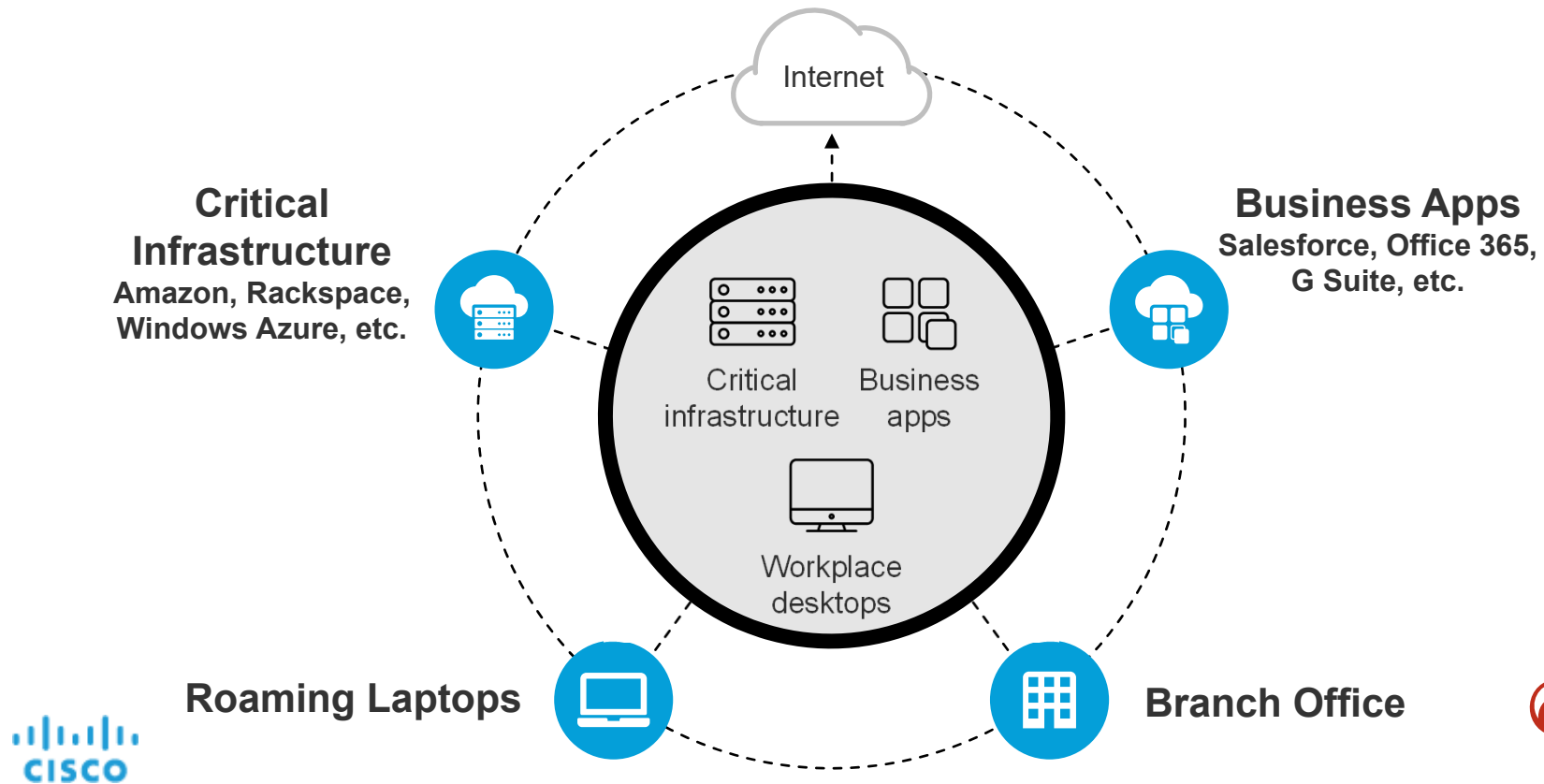**District of Columbia Certified Business Enterprise (CBE)**

SARA™
Standards American Registrations Authority
REGISTERED
ISO 9001:2015

Inc.500 | 5000

ICIC
HALL OF FAME AWARD

NFF

Clients

GOVERNMENT	EDUCATION	NON-PROFIT	COMMERCIAL	TRANSPORTATION AND UTILITIES	HEALTHCARE
■ U.S. Census Bureau ■ U.S. Navy ■ U.S. Air Force ■ General Services Administration ■ United Services Organizations ■ DC Government Offices and Departments	■ Georgetown University ■ Montgomery College ■ Alexandria Public Schools ■ The Catholic University of America ■ University of the District of Columbia ■ DC Public Schools	■ Smithsonian Institution ■ Better Business Bureau ■ National Association of Convenience Stores ■ American Alliance of Museums ■ NeighborWorks America ■ National Association of College and University Attorneys	■ The MITRE Corporation ■ Cisco Systems ■ Contact Solutions ■ Perdue Farms, Inc ■ Hexaware / FREDDIE MAC ■ CSSI, Inc. ■ United Parcel Service ■ National Cooperative Bank ■ Smartronix ■ SpaceNet ■ Virginia Tech Applied Research Corp ■ Newseum	■ Washington Metropolitan Area Transit Authority ■ Metropolitan Washington Airports Authority ■ DC Water ■ Washington Suburban Sanitary Commission ■ DC Office of Cable Television	■ Novant Health Systems ■ Shady Grove Fertility ■ DC Health Benefit Exchange Authority ■ SureScripts

CISCO

NFF

The Way We Work Has Changed

Critical Infrastructure
Amazon, Rackspace, Windows Azure, etc.

Business Apps
Salesforce, Office 365, G Suite, etc.

Internet

Critical infrastructure

Business apps

Workplace desktops

Roaming Laptops

Branch Office

Your Challenges

Malware and ransomware

Gaps in visibility and coverage

Compromised accounts and malicious insiders

Data breaches and compliance

CISCO

NFF

Insta-Poll

How confident are you that you have the coverage you need?

- ○ Very confident (not sure why I'm at this webinar)
- ○ Moderately confident
- ○ Constant worry
- ○ Keeps me up at night
- ○ Scared to death (sign me up for a Proof of Value)

Cisco Cloudlock Secures Usage of SaaS Applications

Discover and Control

Compromised Accounts

Insider Threats

Data Exposures and Leakages

Privacy and Compliance Violations

OAuth Discovery and Control

Shadow IT

User and Entity Behavior Analytics

Cloud Data Loss Prevention (DLP)

Apps Firewall

NFF

Case Study: Cloudera

cloudera

Users: 1,600

Objective: As Cloudera grew, the time-intensive access controls it relied on to help safeguard its data secured in Cloud-based applications struggled to scale.

Solution: Cisco Cloudlock

Impact:

- Secures users and data in Salesforce, Google, Okta and Box
- Increased visibility with cloud tracking and monitoring capabilities
- Ensured integrity and accuracy of massive datasets

CISCO

"At a time when businesses must take advantage of the cloud to remain competitive, Cloudlock delivers the visibility and protection essential to working securely in the cloud."

Eddie Garcia
Chief Information Security Officer (CISO)
Cloudera

NFF

Case Study: The University of Oklahoma

Users:

36,000 - Cloudlock   6,000 - Umbrella

Objective:

OU's campus-wide move to Office 365 required a new security approach to protect its highly sensitive and heavily regulated data on-premises and in the cloud.

Solution:

Cisco Cloudlock
Cisco Umbrella

Impact:

• Quickly remediated a set of compromised accounts
• Significantly decreased malware infections
• Increased blocked threats by thousands per hour
• Secured users, data, and apps in the cloud
• Cut security administration and remediation time

" The all around experience with Cloudlock has been terrific. From DLP to UEBA, we've gotten the visibility we need into our cloud environments and have been able to extend our security policy to those locations."

Aaron Baillio
Managing Director, Security Operations and Architecture
University of Oklahoma

Real Customer Results

"Reduced public exposure by 62% in one day"

"Intelligently reduced OAuth-connected apps by 34% in one week"

"Deployed to 125,000 employees in less than 5 minutes"

Cloudlock

NFF

Cisco Cloud Security

	Cloudlock	Umbrella
Visibility and control	For connected OAuth cloud apps	For all internet activity
Threat protection	To protect cloud accounts from compromise and malicious insiders	To stop connections to malicious internet destinations
Forensics	To audit cloud logs	To investigate attacks with internet-wide visibility
Data protection	To assess cloud data risk and ensure compliance	To block C2 callbacks and prevent data exfiltration
Malware / ransomware	To prevent cloud-native (OAuth) attacks	To prevent initial infection and C2 callbacks

CISCO

NFF

Next Steps

- **Discover the impact Cloudlock can have on your organization**

- **Contact Chris Raye at 202-266-4738 and craye@nffinc.com**
  - **More Information**
  - **Demonstration**
  - **Proof of Value**

- **Share webinar recording with your friends**

Questions?

**Your performance improvement
is our measure of success.**

Thank You!