TWO SIMPLE SOLUTIONS TO STOP THREATS BEFORE THEY REACH YOUR END USERS

Quickly and Easily Secure On-Premises and Remote Internet Content Access and Usage

Bryan Myers
Senior Account Manager
Networking For Future, Inc.

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Information Technology Security Manager
Montgomery College

Ibrahim Darwish
Cybersecurity Systems Engineer
Cisco Systems

Agenda

Company Overview

Cisco Umbrella

Cisco Cloudlock

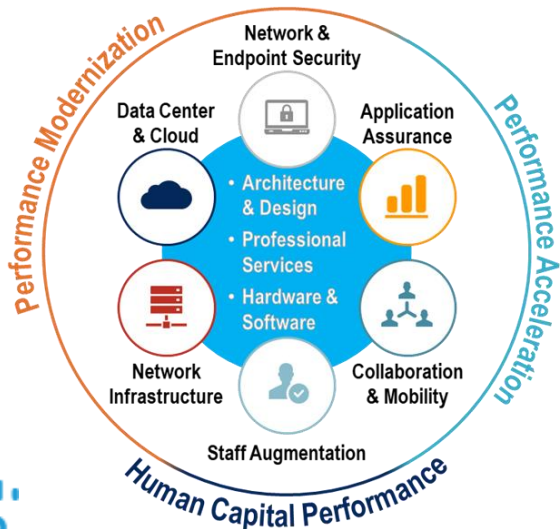**Case Studies**

Next Steps

Questions

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
- Maryland Consulting and Technical Services
- Fairfax County Public Schools
- Maryland DoIT Hardware Master Contract
- Virginia Association of State College and University Purchasing Professionals

District of Columbia Certified Business Enterprise (CBE)

SABA™
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 ■ U.S. Court of Appeals Veteran Claims ■ 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

The Way We Work Has Changed
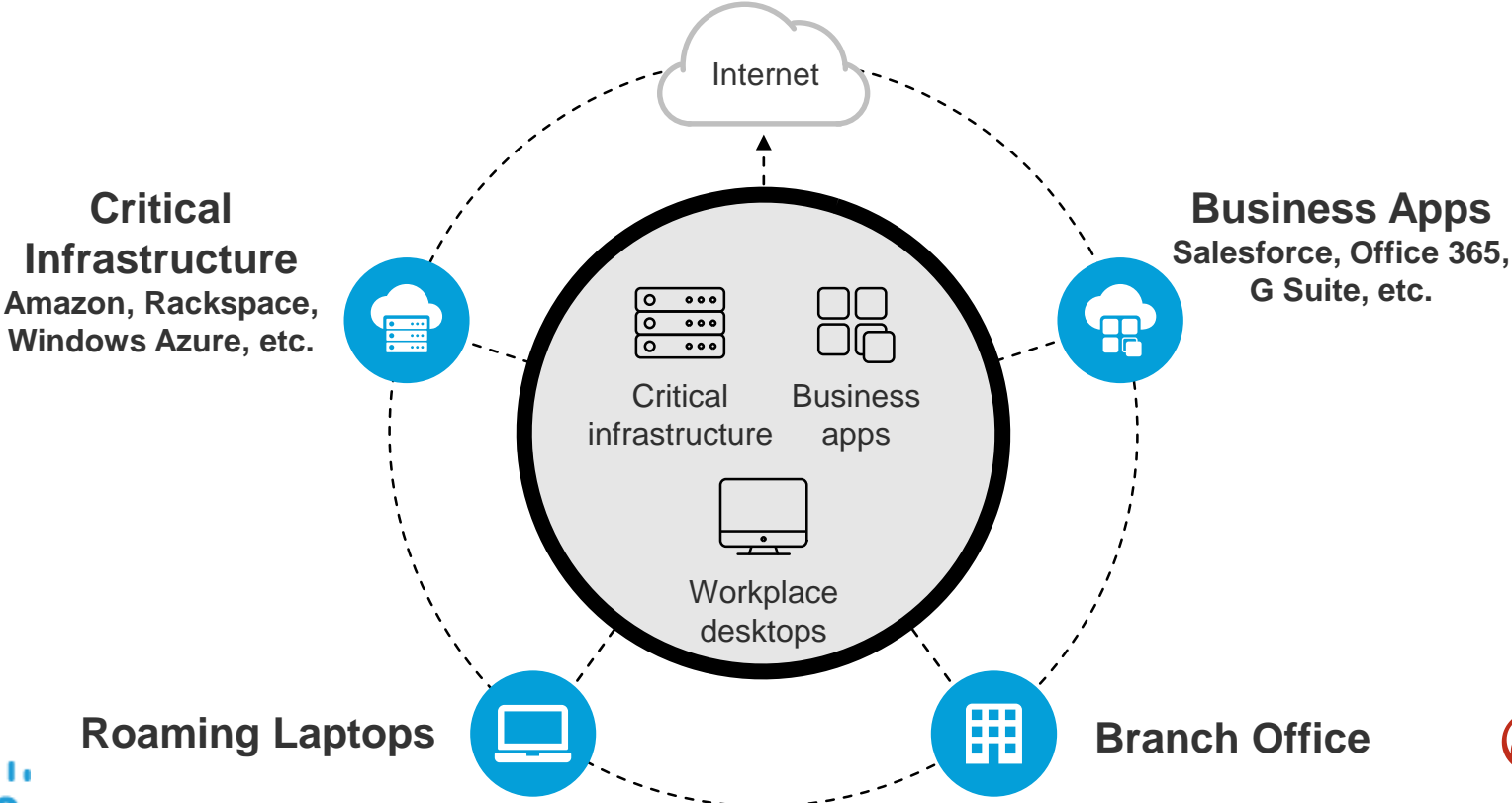
Your Challenges

Malware and ransomware

Gaps in visibility and coverage

Compromised accounts and malicious insiders
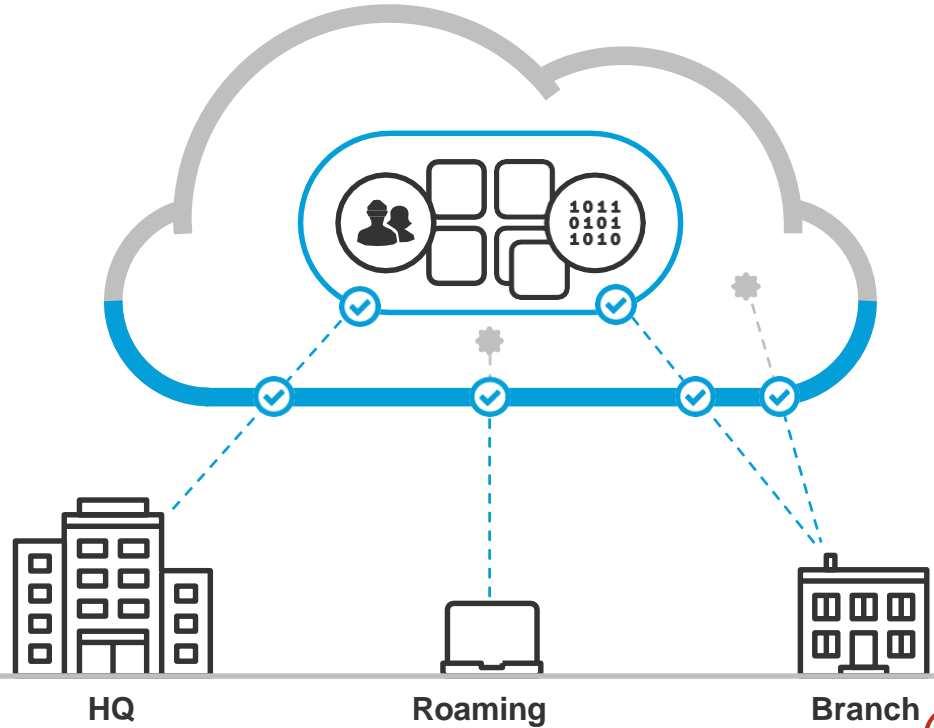
Data breaches and compliance
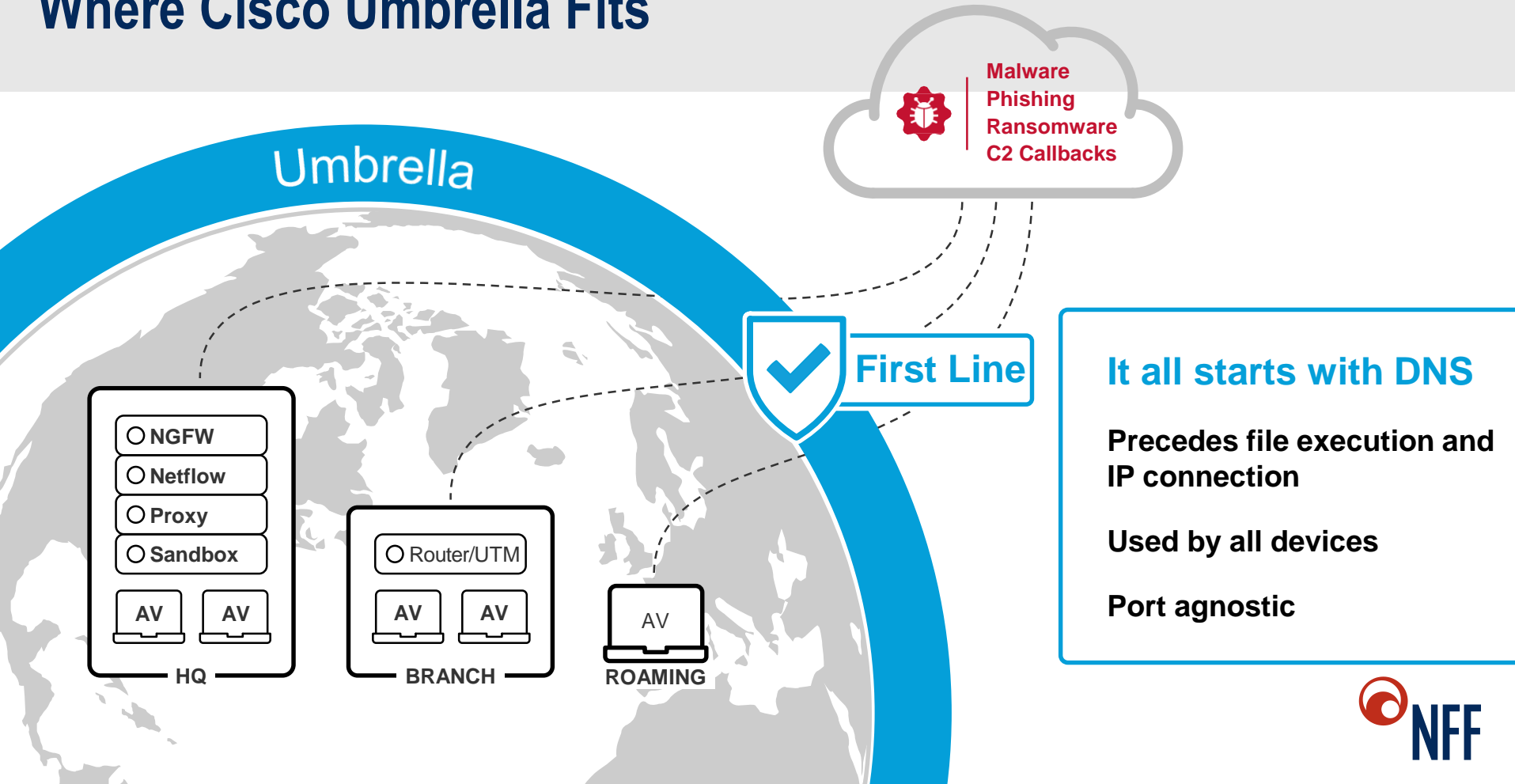
Our Solution

Cisco Umbrella
First line of defense against Internet threats

Cisco Cloudlock
Secure usage of SaaS apps

HQ   Roaming   Branch Office

Umbrella Demo

Cisco Cloudlock

Discover and Control

Compromised Accounts	Data Exposures and Leakages	OAuth Discovery and Control
Insider Threats	Privacy and Compliance Violations	Shadow IT
User and Entity Behavior Analytics	**Cloud Data Loss Prevention (DLP)**	**Apps Firewall**

Cloudlock Demo

Cisco Cloud Security

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

CISCO

NFF

Case Study: Montgomery College

MONTGOMERY COLLEGE

Users:
3,120 FTE Licenses

Objective:
Reduce malicious web site access, phishing attack, malware infection, zero-day, and command and control callback threats by extending security to the DNS layer

Solution:
Cisco Umbrella

Impact:
- Instantly went from monitoring to blocking command and control callback threats on several workstations
- Roaming client expanded threat protection coverage
- Cut security administration and remediation time
- Weekly reporting instills comfort regarding protection

"Cisco Umbrella is a great solution because it provides protection without impacting the end user. They don't have to change their behavior. Umbrella just works.

The configuration steps were very simple, and it took only a few minutes to point our DNS traffic to the Umbrella Global Network."

Nell Feldman
Information Technology Security Manager

Case Study: Lewisville Independent School District

Number of users and locations protected:
59K students and staff across the entire district

Challenge:
Reduce malware infections, increase insight of potential threat sources, and cut remediation time in half

Solution:
Cisco Umbrella

Impact:
- Improved BitSight score by 70 points
- Cut remediation time by 50 percent
- Significantly decreased command-and-control and phishing traffic

"The capabilities and reporting we get with Umbrella and Firepower put us in a much better position to be able to quickly figure out what's going on and remediate issues."

Chris Langford
Director of Network, Infrastructure and Cyber Security
Lewisville ISD

Case Study: The University of Oklahoma

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

CISCO

"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

NFF

Real Customer Results

Umbrella

"Reduced infections by 98% ... saved 1.7 months of user downtime per year"

"Cut incident response time by 25-30%"

"Reduced public exposure by 62% in one day"

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

Cloudlock

Next Steps

- **Discover the impact these solutions can have on your organization**

- **Contact Bryan Myers at 443-896-4688 and bmyers@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!