

# Innovate more. Fear less!

## SonicWall Corporate & Security Solutions Overview

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ASBIS

Sarajevo

October, 2018

SONICWALL®



# FEARLESS.

Achieve more than just breach detection.

We can help you achieve automated real-time breach prevention that protects your organization from today's most pervasive cyber threats.

Securing your journey to the cloud, software as a service and digital business future.

Want to learn more?



With 27 years of experience,  
SonicWall is recognized as the  
**Network Security leader**  
in the Cyber Arms race.



# SonicWall Leadership...



**26,000+**  
global channel partners

**1 Million+**  
networks protected



**215+**  
Countries & Territories

**500,000+**  
organizations



**290+**  
patents

**3 Million+**  
firewalls shipped

# SonicWall Security Center



## Did you know?

From January to August, the average SonicWall customer faced:

- 18,474 malware attacks (+70% over 2017)
- 567 ransomware attacks (+108%)
- 6.1 million intrusion attempts (+54%)
- 811 encrypted threats (+73%)
- 2,668 phishing attacks
- 235K new attack variants (980/day) detected by Capture ATP
- 27,600 + never-before-seen attack variants identified by RTDMI

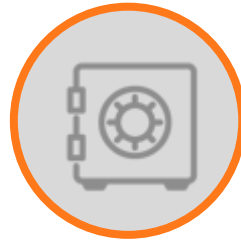
TOP 3 ATTACK ORIGINS	TOP 3 ATTACK TARGETS	TOP ATTACK TYPES	TOP 3 ATTACKER IP ADDRESS	ATTACK SITE STATISTICS ON AUG 27
14.2M  France	10.6M  United States	27.9M  Intrusion	5.54M  185.40.**	1,828  > 100 Attacks/Site
5.76M  Russia	8.19M  United Kingdom	5.64M  Malware	3.42M  212.129.**	1,488  > 50 < 100 Attacks/Site
1.28M  United States	3.16M  Brazil		2.33M  195.154.**	11.0K  < 50 Attacks/Site

# Business Impact



**\$75B**

Total cost of ransomware to businesses each year<sup>1</sup>



**\$3.6M**

Average total cost of a data breach<sup>2</sup>



**22%**

Businesses that had a stoppage because of malware last year<sup>3</sup>



**\$5B**

Global losses due to business email compromise scams as of December 2016<sup>4</sup>

# Our Vision: Automated Real-time Breach Detection and Prevention

## ADVANCED THREATS



Ransomware  
Fileless Malware  
Encrypted Malware  
Cryptojacking  
Malvertising  
Phishing

## THE CHALLENGE



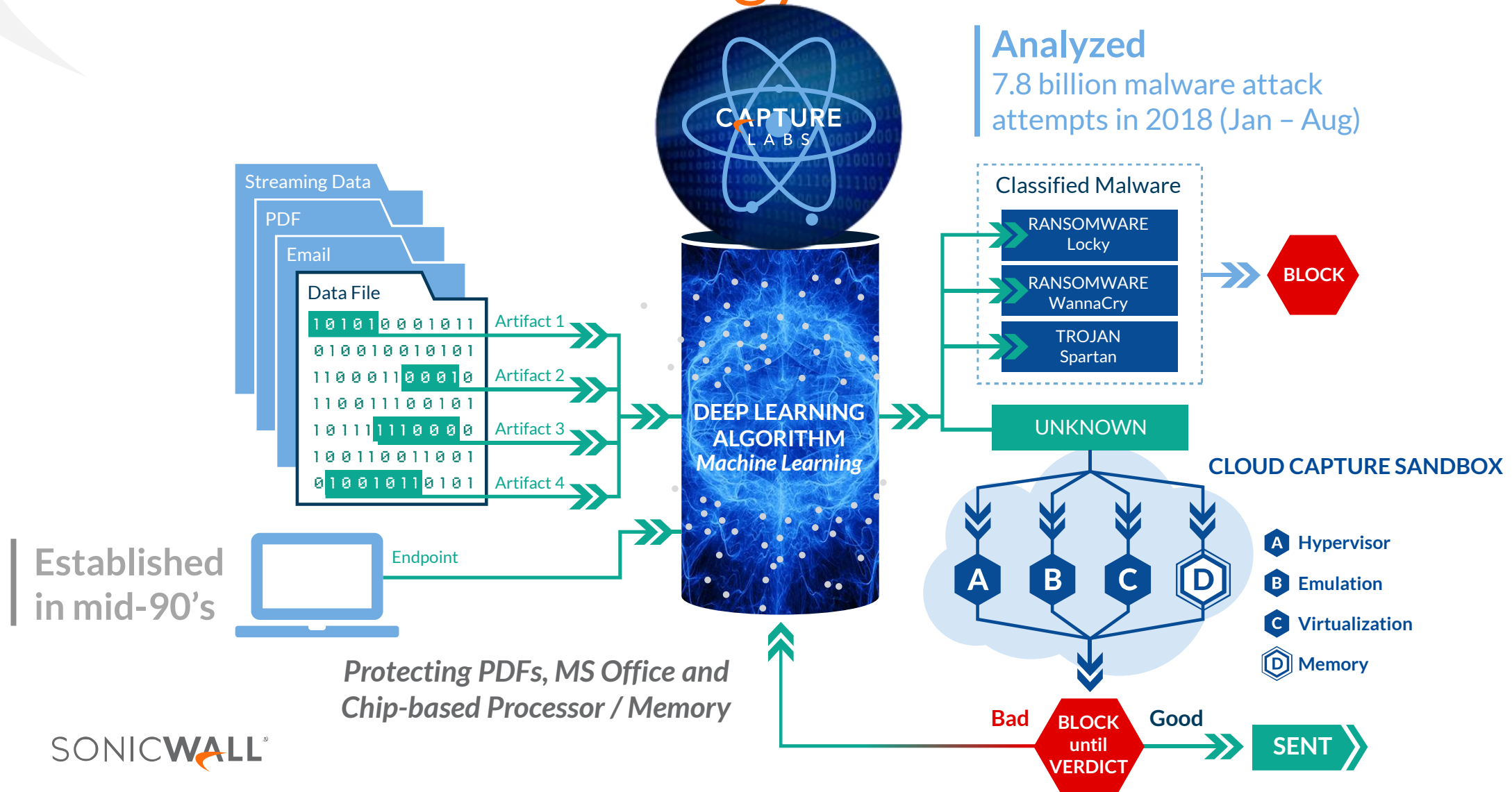
Any Vehicle  
Email, Browser, Apps, Files  
Any Traffic  
Encrypted, Unencrypted  
Any Network  
Wired, Wireless, Mobile, Cloud  
Any Device  
PC, Tablet, Phone, IoT

## CRITICAL COMPONENTS



Inspect all SSL/encrypted traffic  
Machine learning  
Multi-engine, CPU-tracking cloud sandbox  
Block files until a verdict is rendered  
Integrated security platform (firewall, endpoint, wireless, email, CASB, Wi-Fi)  
Security center (SOC)

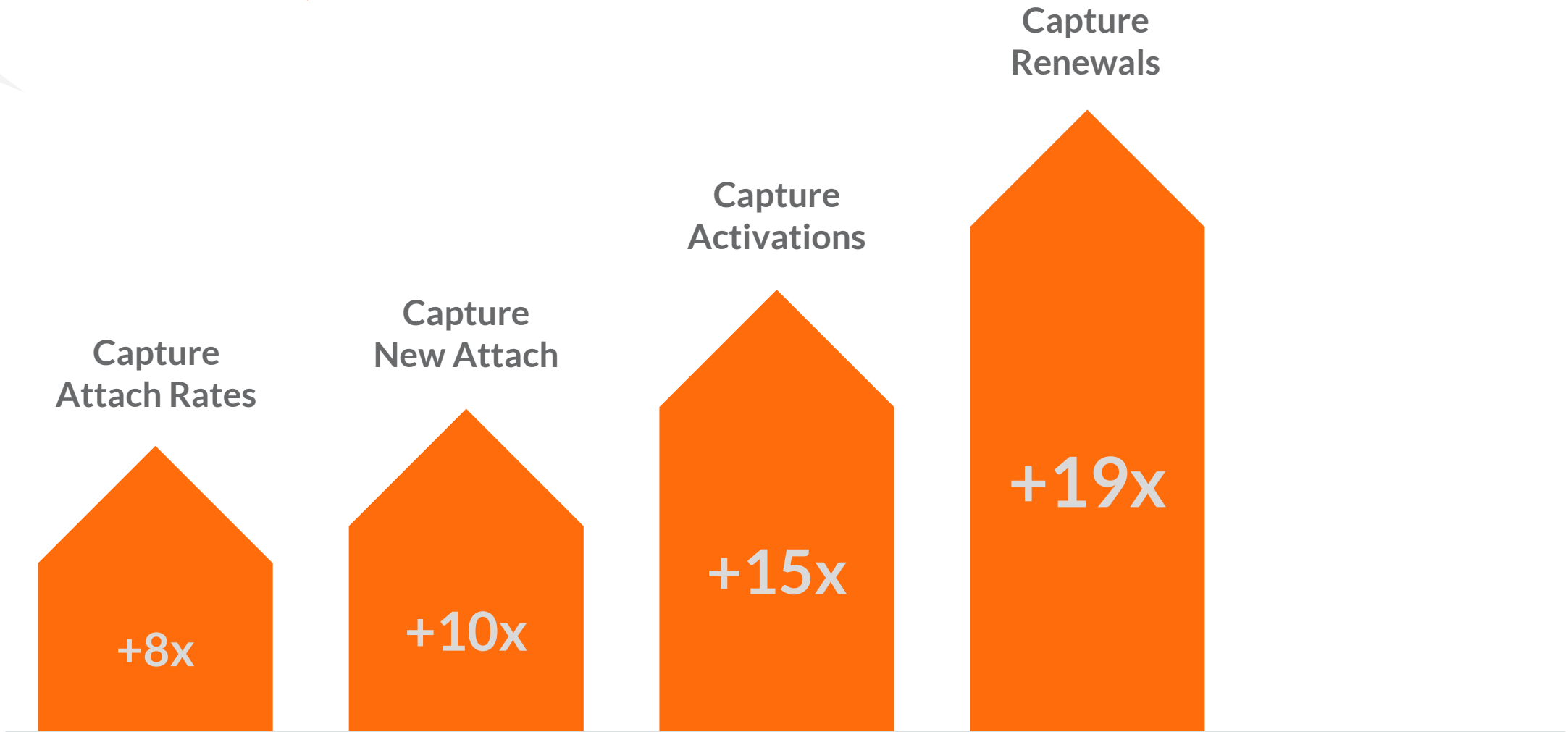
# Automated Real-Time Breach Detection and Prevention Technology





# Capture ATP Momentum

*Since November, 2016*



# Accelerating Product Innovation

Capture Security Center



Virtual Firewall



SonicOS 6.5



SonicWave APs



Cloud-Based Analytics



Capture Client 1.0



Cloud Analytics



High-end Network Security Appliances



Mid-Range Network Security Appliances



Cloud App Security



Sonic OS 6.5.1



Email Security 9.2



SMA 12.1



GMS 8.4



Secure Mobile Access



Capture Client 1.5



SonicOS 6.5.2

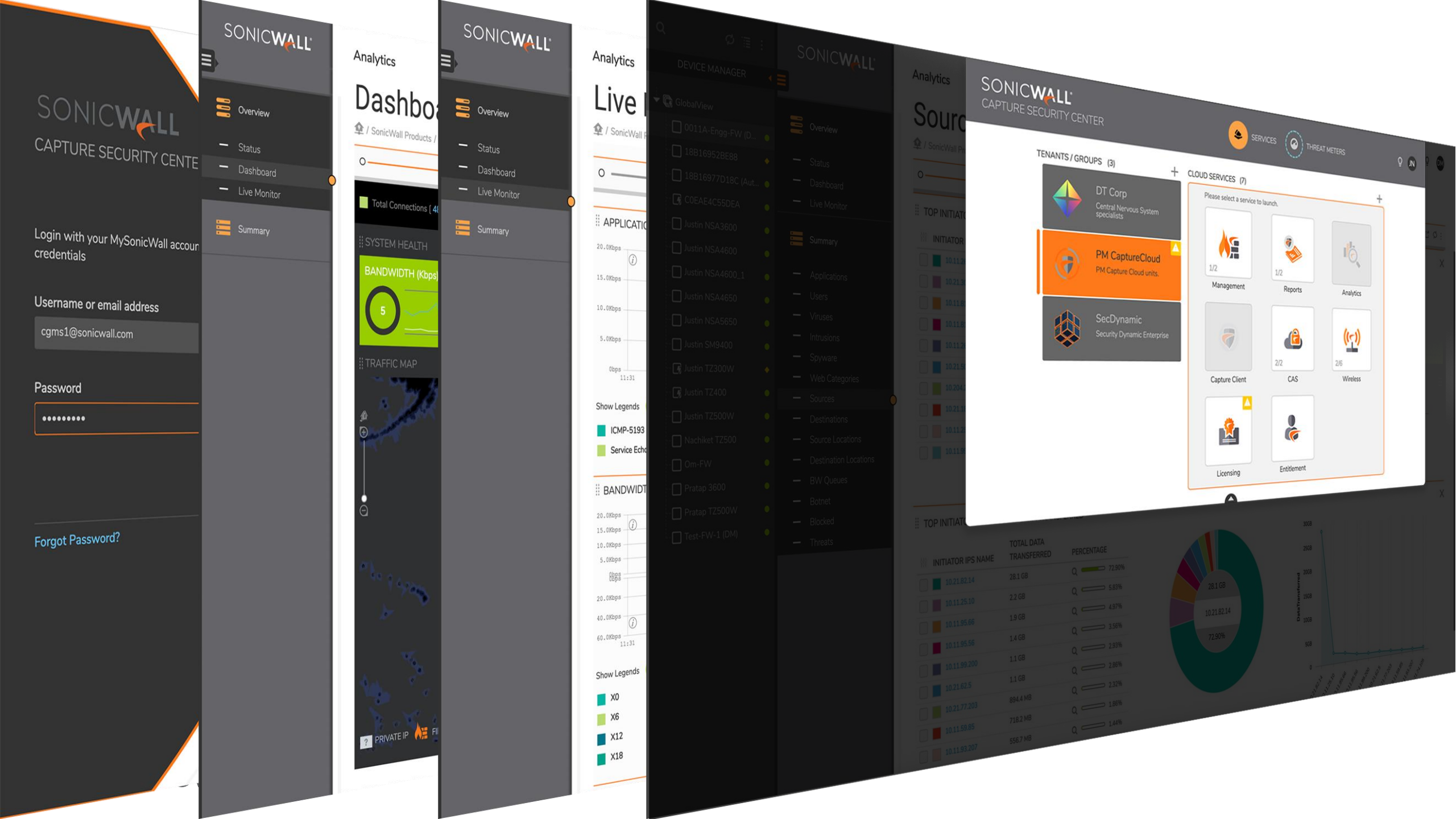


Analyzer 2.0



NSA 2650





# SONICWALL

## CAPTURE SECURITY CENTER

Login with your MySonicWall account credentials

Username or email address

cgms1@sonicwall.com

Password

.....

[Forgot Password?](#)

SONICWALL

Overview

Status

Dashboard

Live Monitor

Summary

Analytics

Dashbo

/ SonicWall Products /

Total Connections [4]

SYSTEM HEALTH

BANDWIDTH (Kbps)

5

TRAFFIC MAP

PRIVATE IP

SONICWALL

Overview

Status

Dashboard

Live Monitor

Summary

Analytics

Live

/ SonicWall Products /

APPLICATION

20.0Kbps

15.0Kbps

10.0Kbps

5.0Kbps

0bps

11:31

Show Legends

ICMP-5193

Service Echo

BANDWIDTH

20.0Kbps

15.0Kbps

10.0Kbps

5.0Kbps

0bps

60.0Kbps

11:31

Show Legends

X0

X6

X12

X18

SONICWALL

DEVICE MANAGER

GlobalView

0011A-Engg-FW (D...

18B16952BE88

18B16977D18C (Aut...

C0EAE4C55DEA

Justin NSA3600

Justin NSA4600

Justin NSA4650

Justin NSA5650

Justin SM9400

Justin TZ300W

Justin TZ400

Justin TZ500W

Nachiket TZ500

Om-FW

Pratap 3600

Pratap TZ500W

Test-FW-1 (DM)

Overview

Status

Dashboard

Live Monitor

Summary

Applications

Users

Viruses

Intrusions

Spyware

Web Categories

Sources

Destinations

Source Locations

Destination Locations

BW Queues

Botnet

Blocked

Threats

SONICWALL

CAPTURE SECURITY CENTER

SERVICES

THREAT METERS

TENANTS / GROUPS (3)

DT Corp

Central Nervous System specialists

PM CaptureCloud

PM Capture Cloud units.

SecDynamic

Security Dynamic Enterprise

CLOUD SERVICES (7)

Please select a service to launch.

Management

1/2

Reports

1/2

Analytics

1/2

Capture Client

2/2

CAS

2/2

Wireless

Licensing

Entitlement

INITIATOR

10.11.2...

10.21.3...

10.11.8...

10.11.8...

10.11.2...

10.21.5...

10.204...

10.21.1...

10.11.2...

10.11.9...

TOP INITIATOR

INITIATOR IPS NAME

TOTAL DATA TRANSFERRED

PERCENTAGE

10.21.82.14

28.1 GB

Q

72.90%

10.11.25.10

2.2 GB

Q

5.83%

10.11.95.66

1.9 GB

Q

4.97%

10.11.95.58

1.4 GB

Q

3.56%

10.11.95.58

1.4 GB

Q

2.83%

10.11.99.300

1.1 GB

Q

2.86%

10.21.62.5

1.1 GB

Q

2.32%

10.21.77.203

894.4 MB

Q

1.86%

10.11.58.85

718.2 MB

Q

1.44%

10.11.93.207

556.7 MB

Q

1.44%

28.1 GB

72.90%

10.21.82.14

# Accelerating Product Innovation



## Capture Security Center

- Delivers centralized management for TZ, NSA and Supermassive Security Appliances
- Serves as a single pane of glass for product and services portfolio.
- MSSP Enabling for mid-tier enterprise focus



## Cloud-Based Analytics

- Delivers centralized analytics for TZ, NSA series solutions
- Deep visibility into threats
- Enables threat hunting and analysis of east-west traffic and lateral threat movement
- Graph analysis of threats



## Network Security virtual firewall

- Fully featured virtual version of SonicWall NGFW
- Automated breach prevention for public, private or hybrid cloud
- Common management through GUI, CLI, GMS, Capture Security Center or API



## SonicWave APs

- Wave2ac (Wireless Modernization)
- 2.5Gig (Interface Modernization)
- 3<sup>rd</sup> scanning radio
- New hybrid AP & Service pricing model



## Web Application Firewall

- Web application threat management
- Data leak prevention
- SSL inspection for web traffic
- Application delivery acceleration and load balancing
- DOS/DDOS attack prevention on web servers

# Accelerating Product Innovation



## Network Security appliances

- NSa offers enterprises highest security efficacy and lowest TCO in the industry
- NSsp supports large enterprises, data centers and service providers
- Leverages intelligence from Capture Cloud Platform
- Adds high-performance TLS/SSL inspection
- Can be centrally managed with GMS 8.6



## Cloud App Security

- Reduces shadow IT by discovering usage of sanctioned and unsanctioned IT applications
- Offers real-time visibility into cloud application traffic and usage patterns
- Improves security posture by enforcing access policies to block risky applications



## Capture Client: Better NGAV

- Highly accurate protection
- Endpoint remediation/rollback
- Integrates with Capture ATP
- Enforced by SonicWall firewall
- DPI-SSL certificate management
- Shares threat intelligence
- Adds attack visualization
- Supports Windows Servers 12 and upwards



## Sonic OS 6.5.2

- Common OS across NSa and TZ appliances
- Increases Capture ATP BUV and DPI-SSL controls
- Adds Application-Based Routing
- Supports SonicWave wireless Fast Roaming (802.11k/r/v)
- Enhancements to DNS Security



## Email Security 9.2

- Utilizes Capture ATP for dynamic URL analysis to block malicious URLs
- Adds Advanced Threat Protection support for G Suite mailboxes
- Enhances anti-phishing effectiveness



## Secure Mobile Access

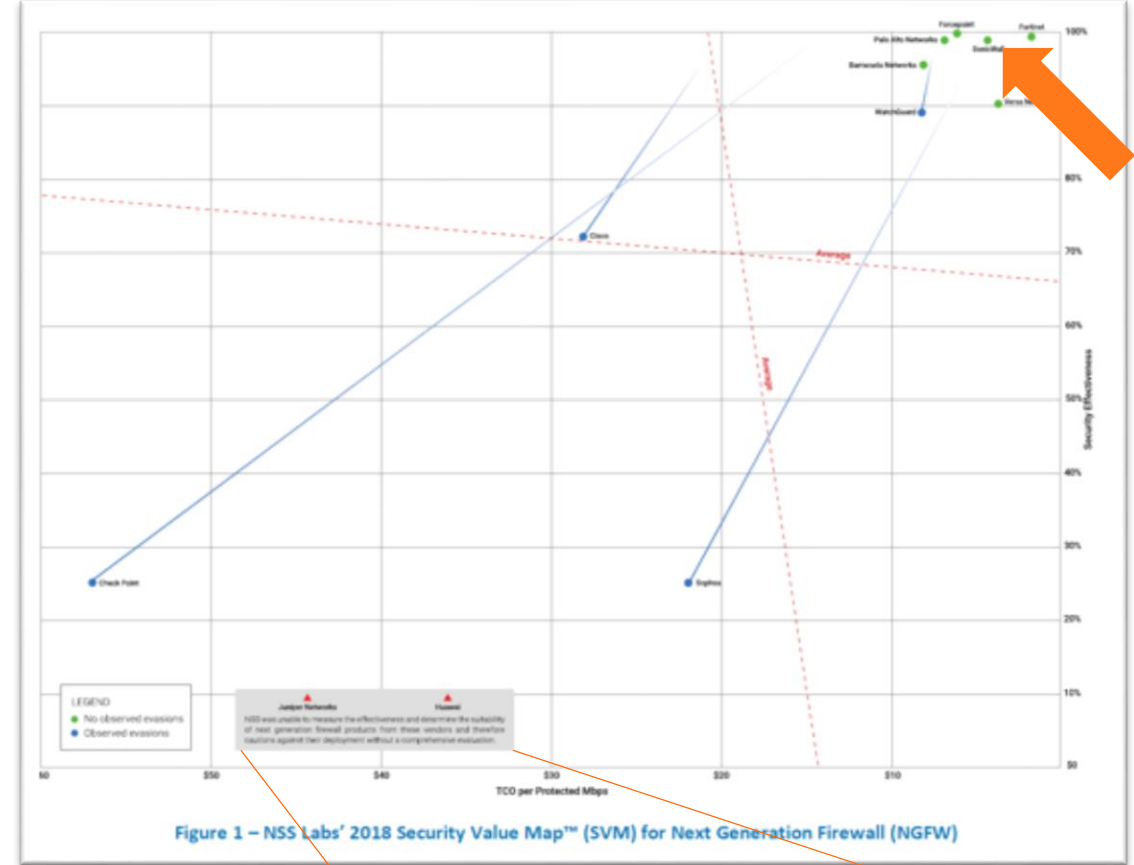
- Delivers seamless secure access over untrusted networks with Always On VPN
- Supports time-based one-time password (TOTP)
- Unifies secure access for hybrid IT using SAML 2.0 authentication
- Adds Secure File Share with Capture ATP on SMA 100 series



# 2018 NSS NGFW Report

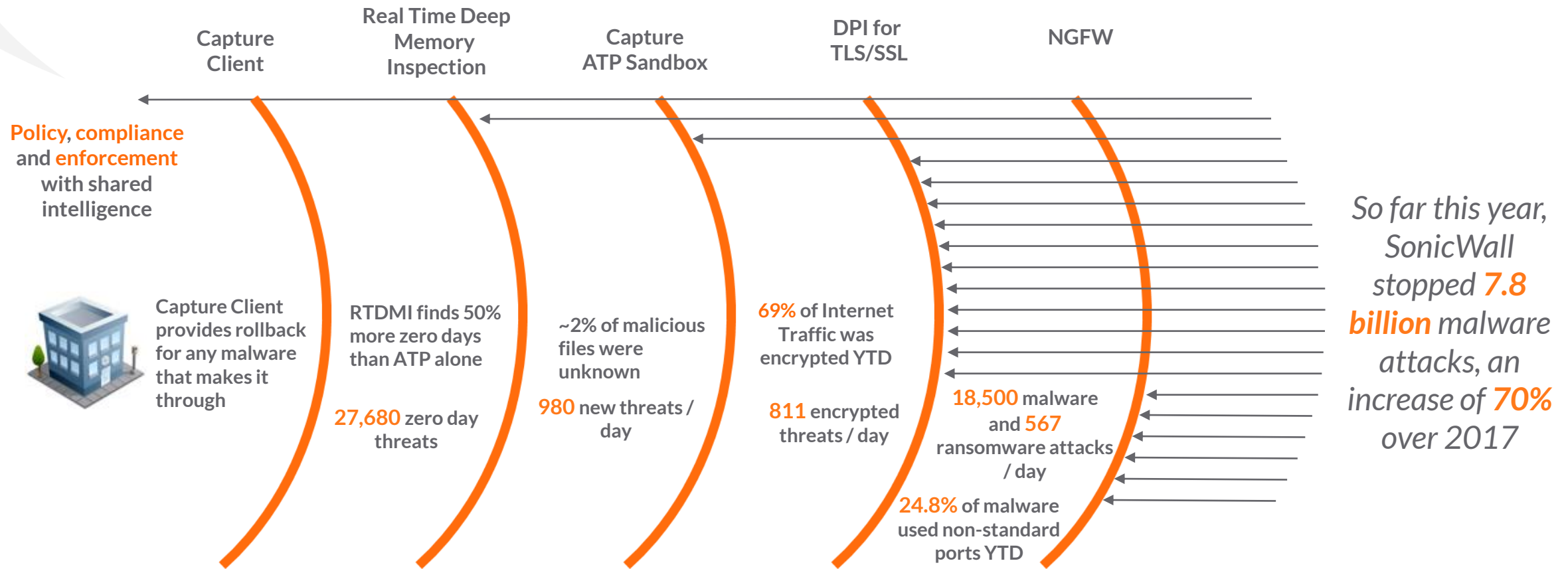
- In July 2018, NSS Labs published its 6th annual NGFW report
- For the 5<sup>th</sup> time, SonicWall is strongly positioned in the upper right “Recommended” quadrant
- NSa 2650 achieved a security effectiveness score of 98.8%
- 100% effectiveness against all evasions (190/190)
- 100% pass rate for all stability & reliability tests
- Achieved security effectiveness with a low TCO of \$4/Mbps (2<sup>nd</sup> best in value vs. all the models tested)

## 2018 NSS Labs Security Value Map for NGFW



**Juniper Networks** **Huawei**  
NSS was unable to measure the security effectiveness and determine the suitability of next generation firewall products from these vendors and therefore cautions against their deployment without a comprehensive evaluation.

# SonicWall Automated Real-Time Threat Detection & Prevention: JAN-AUG '18



Why we are different:

Shared intelligence, rollback

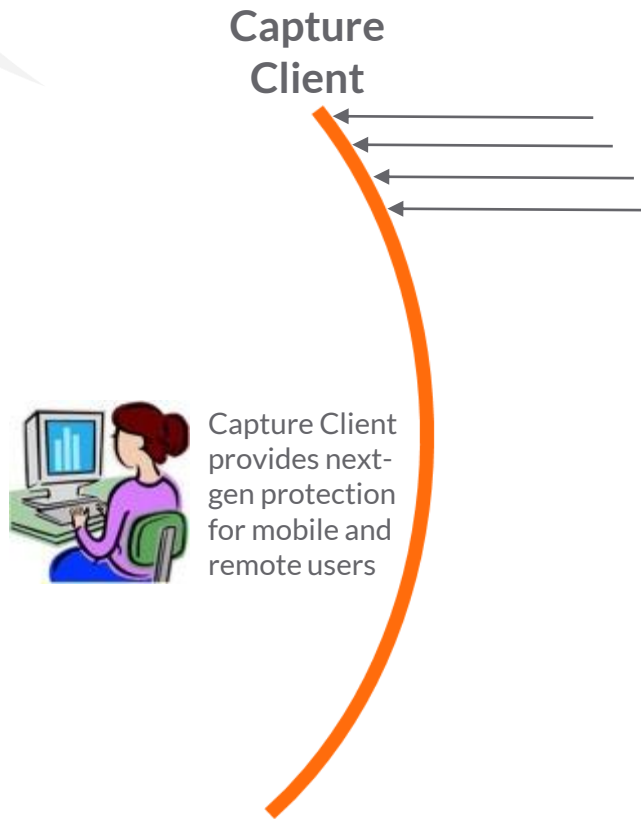
Ultra-fast, catches never-before-seen attacks

Multi-technology, block until verdict, deep learning

High performance patented RFDPI

High security efficacy, machine learning algorithms

# Protection Outside the Enterprise...



Why we are  
different:

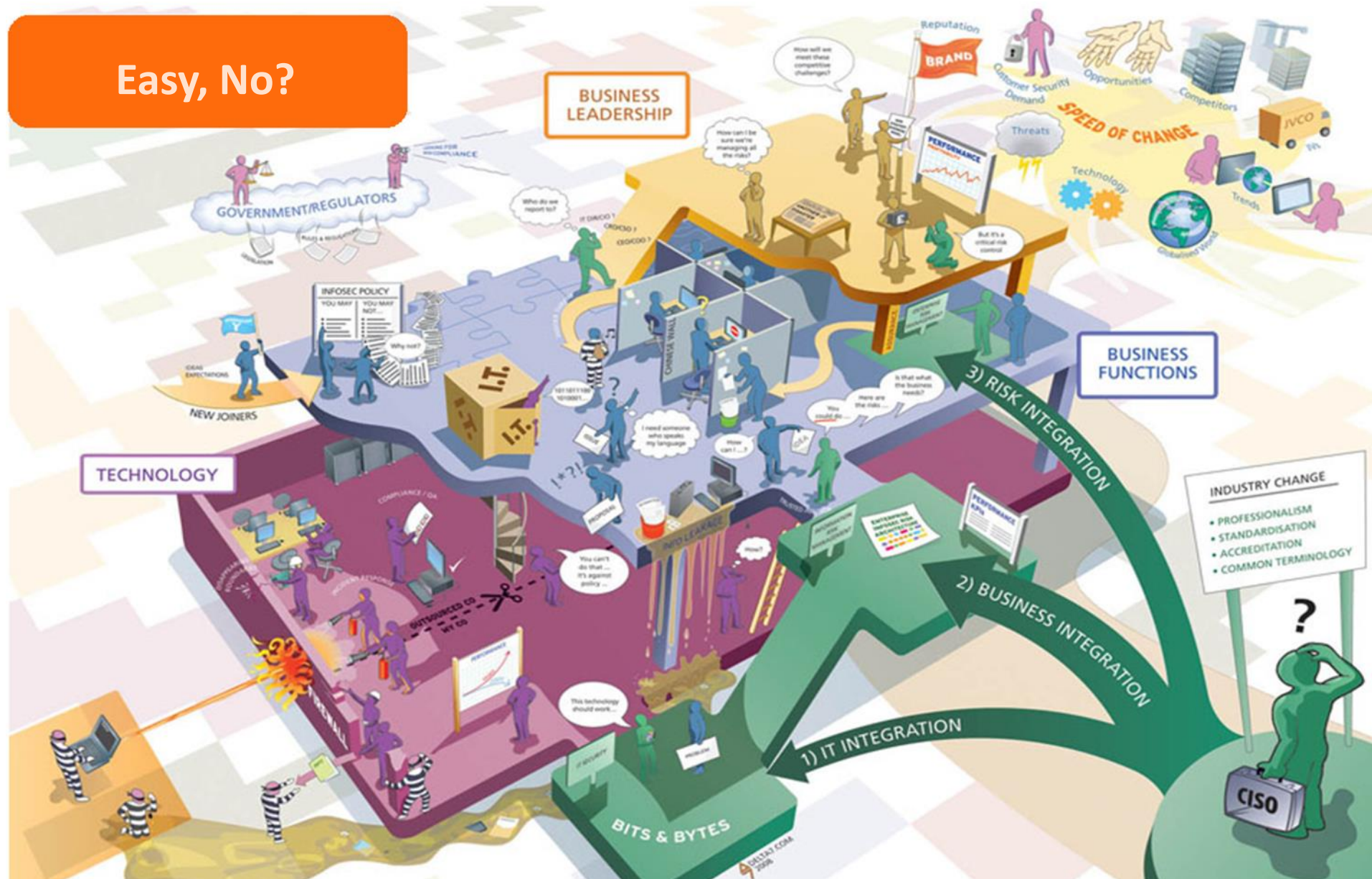
Shared  
intelligence,  
rollback

# SonicWall WW



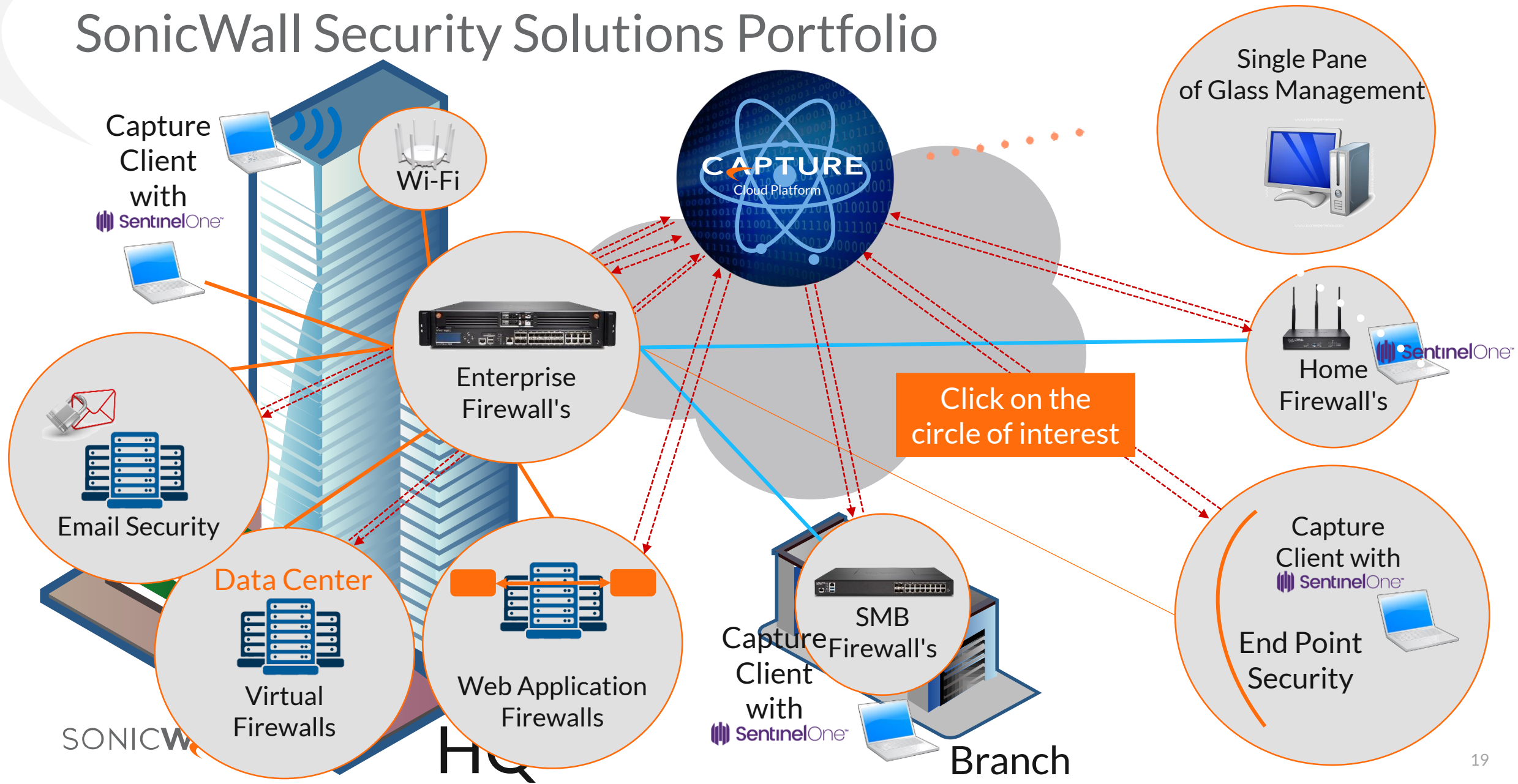
- Offices
- Presence

Easy, No?





# SonicWall Security Solutions Portfolio



# Thank you!



Questions?