

# SEGURANÇA de DADOS

Denis Guimaraes  
Territory Account Manager

Pago IPTU em SP  
Respondo por Centro Oeste + MG, RJ, ES + Norte

Formado em Adm de Empresas  
Pós graduado em Marketing

Na SonicWall há 6 anos (desde 2012)  
Gosto muito do que faço

## AGENDA:

- Vazamento de Dados
- Regulamentações

# VAZAMENTOS de DADOS

# CASOS VAZAMENTOS DE DADOS - BRASIL



<https://www.tecmundo.com.br/seguranca/133031-vazamento-dados-banco-inter-saber-voce-afetado.htm>

- Banco Inter sofreu extorsão por hackers no início de 2018
- Quase **20 MIL** dados pessoais de clientes vazados (end, CPF, conta, cert digitais)
- **25%** de correntistas de outros bancos que fizeram alguma transação com Inter
- Sofreu ação civil pública pelo MPDFT por danos morais no valor de **R\$ 10 MILHÕES**
- Acordo com MPDFT ficou em **R\$ 1,5 MILHÃO**



<http://tiinside.com.br/tiinside/27/04/2018/uber-termina-de-notificar-usuarios-brasileiros-afetados-por-vazamento-de-dados/?noticiario=TI>

- Final de 2017 houve o vazamento de dados
- Dados de **196 MIL** usuários brasileiros (nos EUA foram **57 MILHÕES**)
- Dados vazados no BR envolviam nome, email e tel. (nos EUA as CNHs também)
- MPDFT também agiu
- Clientes afetados foram comunicados por email sobre o incidente



<https://www.tecmundo.com.br/seguranca/129428-vazamento-netshoes-continua-totaliza-dados-2-5-milhoes-clientes.htm>

- Vazamentos iniciaram no final de 2017 com **1,9 MILHÃO** de clientes
- Em 2018 mais vazamentos ocorreram somando **2,5 MILHÕES**
- Dados vazados no BR envolviam nome, CPF, tel, valor ultima compra e PN do produto
- Clientes afetados foram comunicados por email sobre o incidente
- MPDFT também agiu

## MAIS ALGUNS VAZAMENTOS FAMOSOS PELO MUNDO

Somados são mais de 2 BILHÕES de dados roubados

Uber

facebook

YAHOO!

twitter



EQUIFAX®

Linked in

NETFLIX

badoo



youporn

SONICWALL®

<https://haveibeenpwned.com/>

The screenshot shows the homepage of the [Have I Been Pwned?](https://haveibeenpwned.com/) website. The page has a dark teal header and a white main content area. At the top center is a large, rounded rectangular button containing the text '';--have i been pwned?'. Below this, a sub-header reads 'Check if you have an account that has been compromised in a data breach'. A large input field labeled 'email address' is followed by a blue button labeled 'pwned?'. Below the input field, there's a promotional section for 1Password, featuring a 1Password icon, the text 'Generate secure, unique passwords for every account', a 'Learn more at 1Password.com' button, and a 'Why 1Password?' link. At the bottom, a dark footer bar displays four statistics: '340 pwned websites', '6,474,028,664 pwned accounts', '87,665 pastes', and '96,116,370 paste accounts'.

email address

pwned?

Generate secure, unique passwords for every account

Learn more at 1Password.com

Why 1Password?

340	6,474,028,664	87,665	96,116,370
pwned websites	pwned accounts	pastes	paste accounts

POR DESCUIDOS COMO ESTES...

# ...que os países estão buscando suas regulamentações e leis de proteções de dados...



- Europeia GDPR (General Data Protection Regulation)
- Entrou em vigor em Maio de 2018
- Vale também para quem faz negócios com a UE



- Lei de Privacidade dos Consumidores da Califórnia (CCPA)
- Entrou em vigor em Junho de 2018



- LGPD – Lei Geral de Proteção de Dados
- Sancionada em Agosto de 2018 e entra em vigor em Agosto de 2020

# Pontos em Comum

- Garantir privacidade de dados pessoais e permitir um maior controle sobre eles.
- Possuem multas se as regras forem viaoladas.

# Oportunidades com a LGPD

- GARTNER 2017: clientes querem fazer negócios com segurança e tranquilidade. Sem segundas intenções.
- ENTENDA A LEI: crie condições de proteção e uso consciente
- MOSTRE SUA PREOCUPAÇÃO: seu cliente dá valor ao bom uso destas informações.

CONQUISTE O PODER DA CONFIANÇA  
DE SEU CLIENTE

UMA DÚVIDA...

O que vem em PRIMEIRO LUGAR a sua cabeça  
quando digo: SONICWALL?





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

# SonicWall Leadership...



**18,000+**  
global channel partners



**1 million+**  
networks protected



**215+**  
countries & territories



**~500,000**  
organizations



**290+**  
patents



**3 million+**  
firewalls shipped



**50+**  
Industry  
research  
organizations  
in which  
intelligence is  
shared

**1.0M+**  
Sensors

**24x7x365**  
Monitoring

**< 24 Hr.**  
Response to  
never before  
seen  
vulnerabilities

**140K+**  
Malware  
samples  
collected  
daily

**25M+**  
Malware  
attacks  
blocked daily

# SonicWall Security Center: Did You Know?



## WORLDWIDE ATTACKS

In 2018, the average SonicWall customer faced:

- ~25,000 malware attacks (+22% over 2017)
- 778 ransomware attacks (+120%)
- 19% of malware using non-standard ports (+9%)
- 9.3 million intrusion attempts (+38%)
- 1,276 encrypted threats (+27%)
- 105,108 web app attacks (+79%)
- 4,164 phishing attacks
- 392K new attack variants (1,074/day) detected by Capture ATP
- 74K+ never-before-seen attack variants identified by RTDMI

In January 2019, the average SonicWall customer faced:

- 1,700 malware attacks (-31% over 2018)
- 45 ransomware attacks (-49%)
- 12% of malware using non-standard ports (-20%)
- 820,273 intrusion attempts (+12%)
- 156 encrypted threats (+9%)
- 6,880 web app attacks (-67%)
- 358 phishing attacks
- 31K+ new attack variants (1,006/day) detected by Capture ATP
- 17K+ never-before-seen attack variants identified by RTDMI and 91K+ Jan. 2018

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

# 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



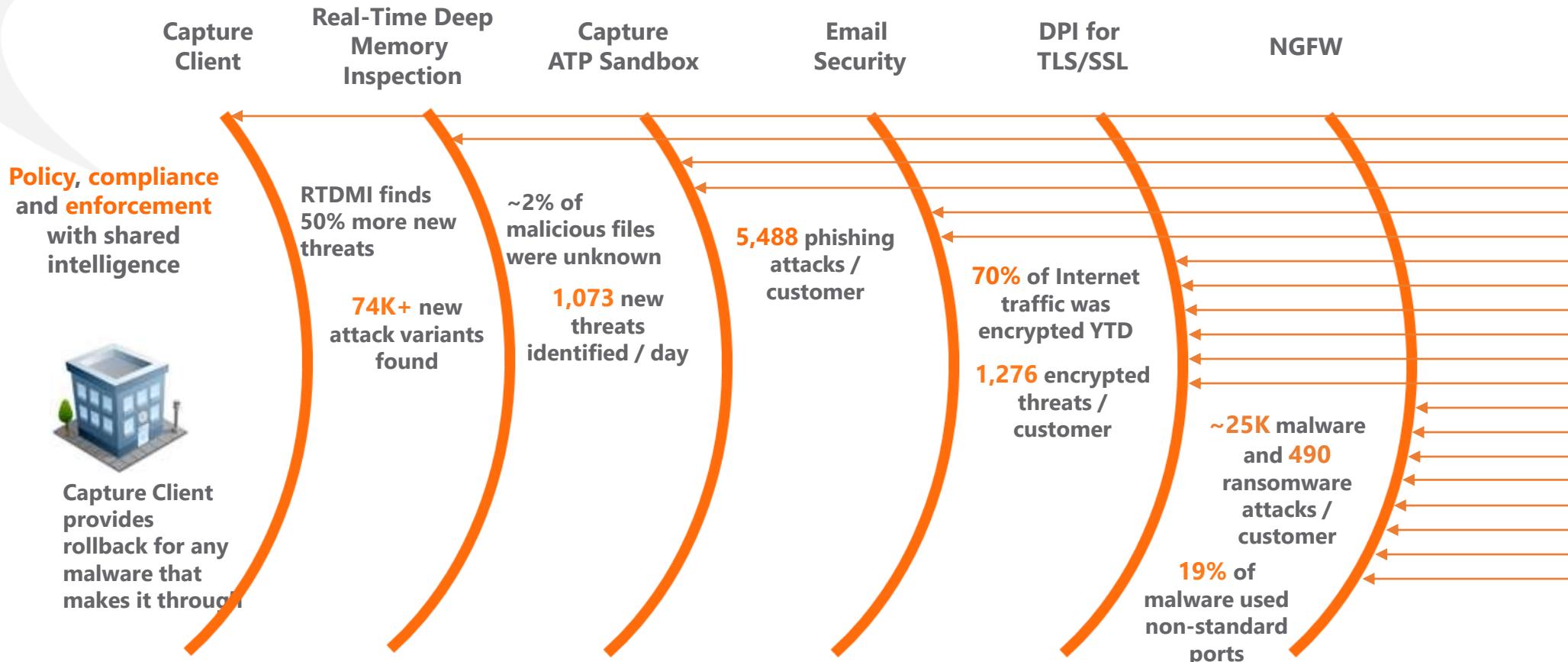
## CRITICAL COMPONENTS



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)



# SonicWall Automated Real-Time Threat Detection & Prevention: 2018

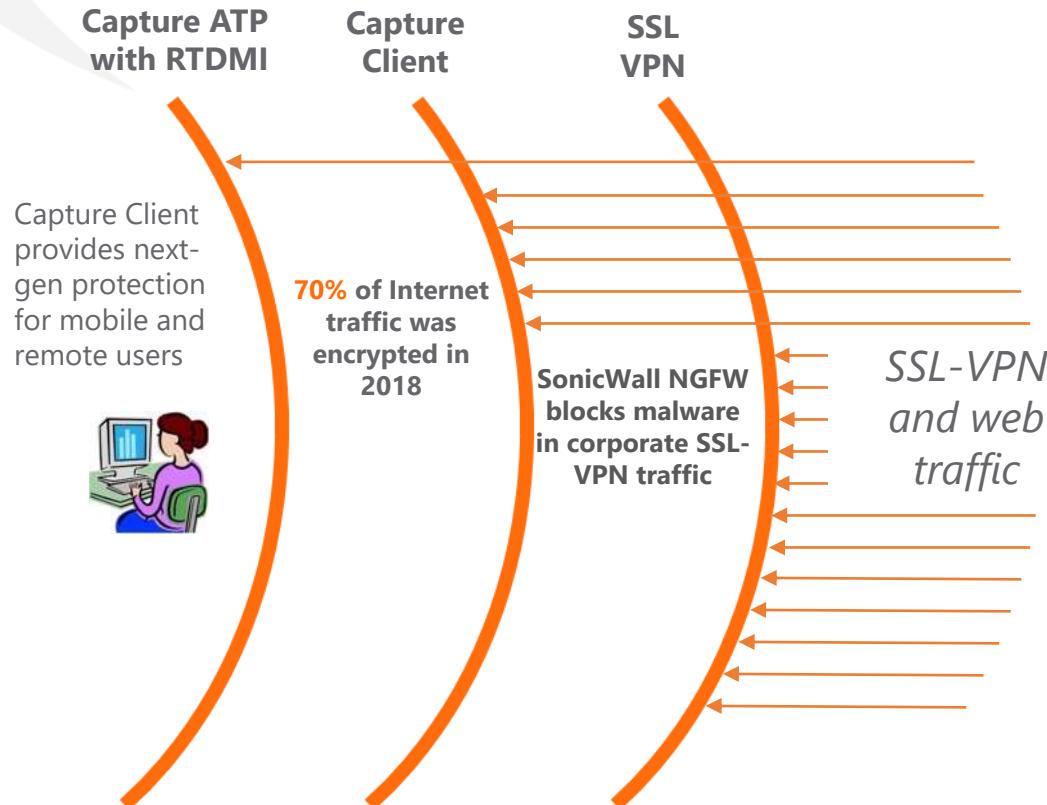


In 2018, SonicWall stopped **10.5 billion** malware attacks, an increase of **22%** over 2017

	Malware (YoY%)	Ransomware	Intrusions
Worldwide	10.5 billion (+22%)	206 million (+11%)	3,905 billion (+38%)
North America	5.67 billion (+64%)	122 million (+97%)	2,175 billion (+53%)
Europe	1.64 billion (+23%)	35.9 million (-40%)	656 billion (+38%)
Asia	1.62 billion (-19%)	8.4 million (-32%)	394 billion (+39%)
US	5.15 billion (+62%)	90.3 million (+62%)	1,976 billion (+55%)
UK	0.59 billion (+54%)	4.7 million (-59%)	165 billion (+48%)
Germany	0.37 billion (+77%)	9.9 million (+206%)	143 billion (+37%)
India	0.41 billion (+54%)	2.7 million (-49%)	144 billion (+34%)

# Protection Across the Enterprise...

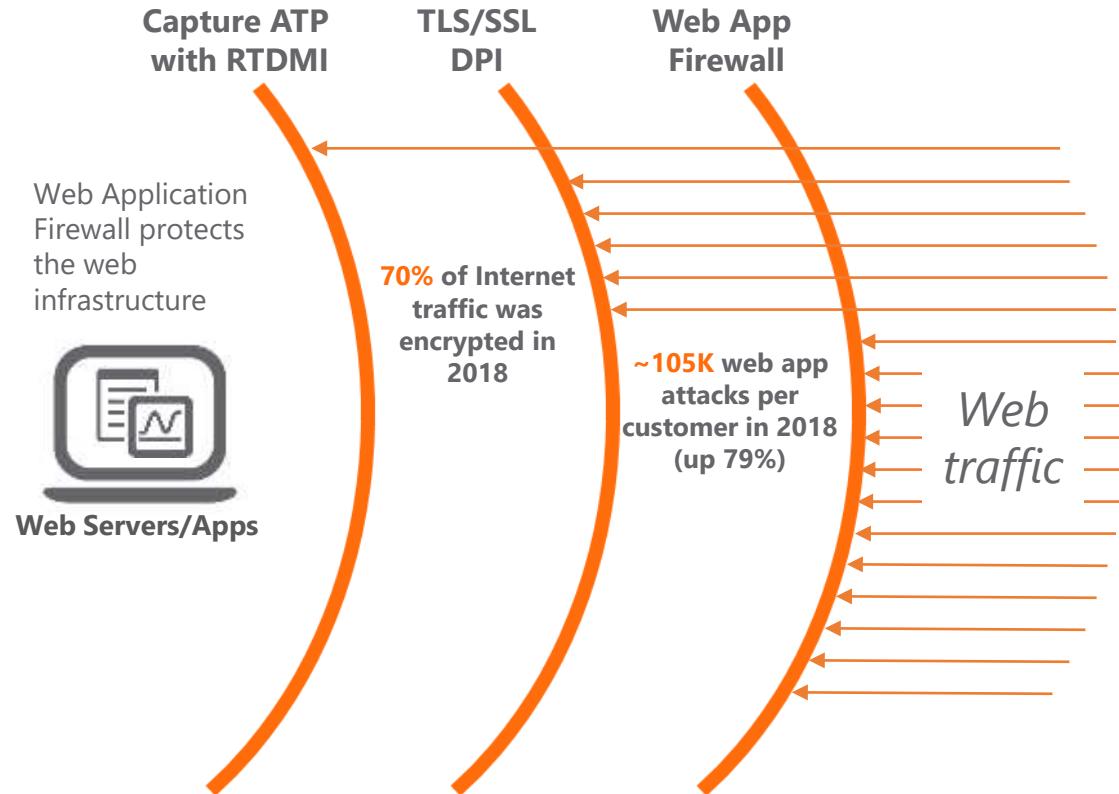
## Remote and Mobile Use Case



Why we are different:

- Rollback
- Continuous behavioral monitoring
- Sandbox integration

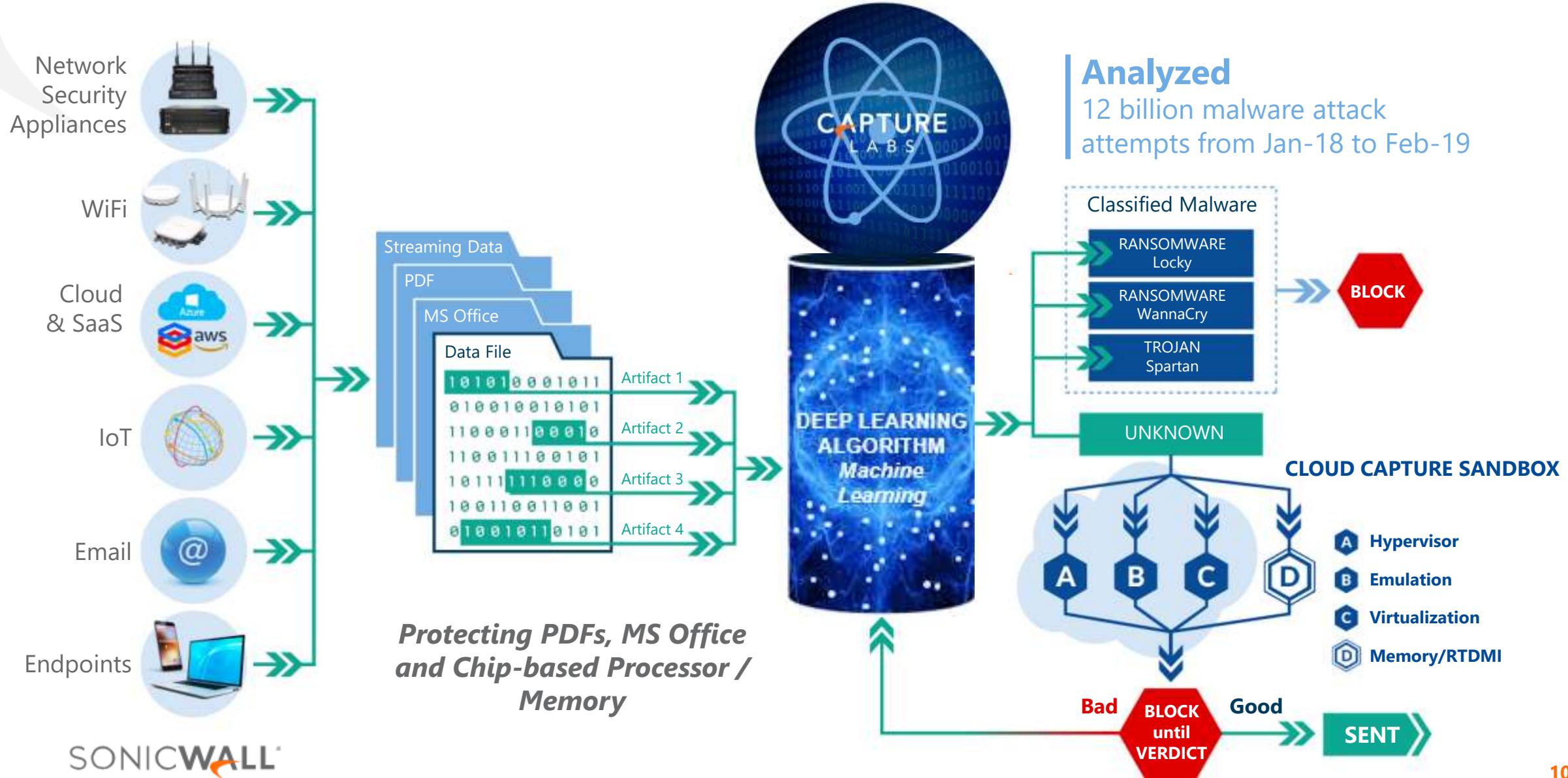
## Web App Protection Use Case



Why we are different:

- Cross-vector shared threat intelligence
- TLS/SSL DPI
- Sandbox integration

# Automated Real-Time Breach Detection and Prevention Technology





Management



Reports



Analytics



Capture Client



CAS



Wireless



Licensing



Entitlement



## CAPTURE SECURITY CENTER

Cloud-delivered unified management,  
reporting and analytics for network,  
endpoint and cloud security

[LEARN MORE](#)

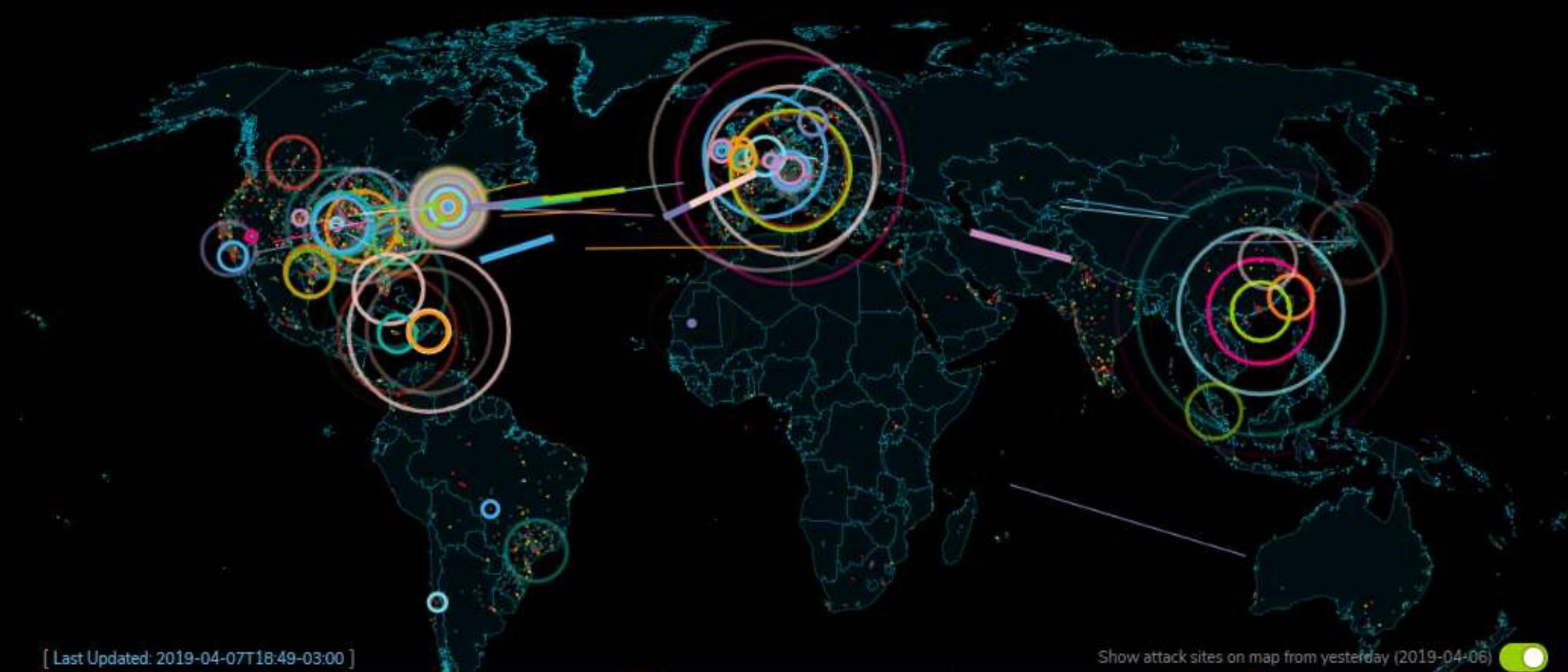
# CAPTURE SECURITY CENTER

Cloud-delivered unified management, reporting and analytics for network, endpoint and cloud security



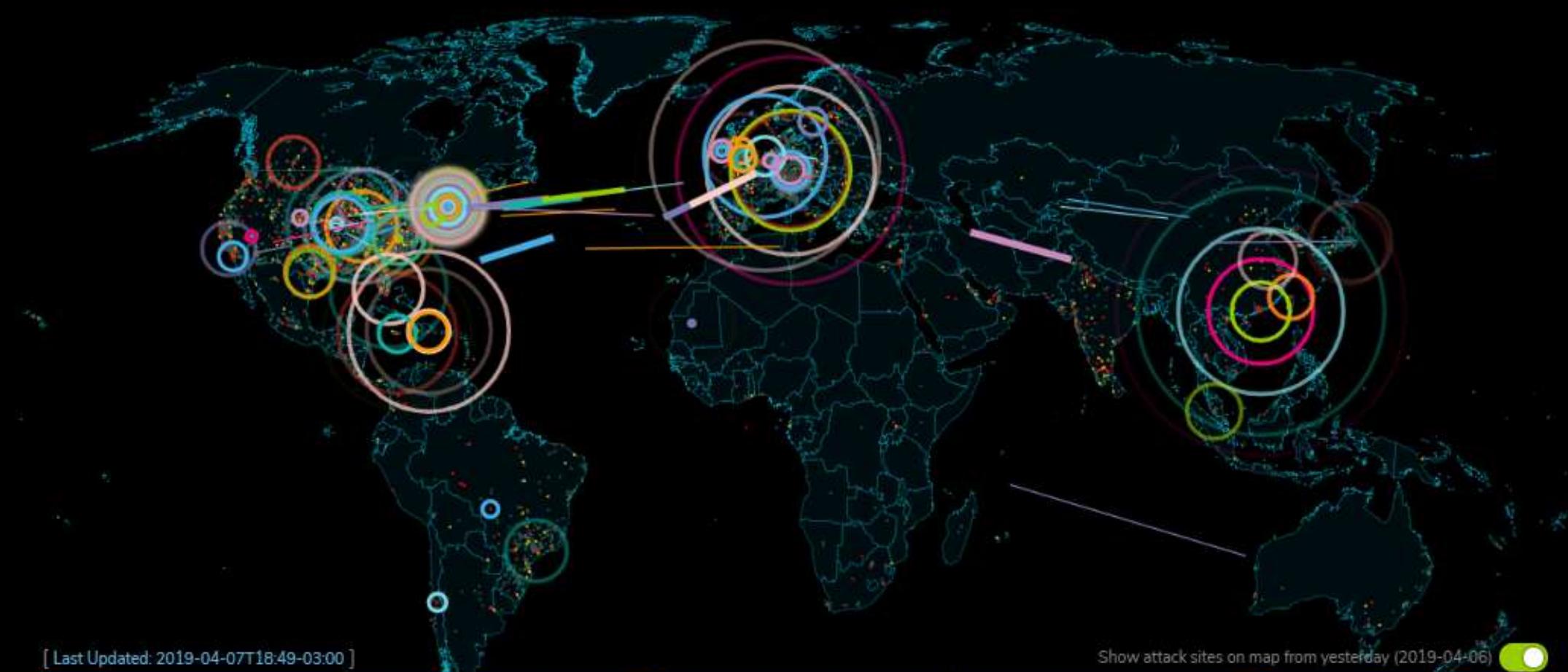


WORLDWIDE ATTACKS - LIVE i



TOP 3 ATTACK ORIGINS	TOP 3 ATTACK TARGETS	TOP ATTACK TYPES	TOP 3 ATTACKER IP ADDRESS	ATTACK SITE STATISTICS ON APR 06
35.7M  France	23.1M  United States	47.8M  Intrusion	8.38M  195.154.**	3,142  > 100 Attacks/Site
3.50M  United States	5.77M  Germany	4.65M  Malware	8.16M  195.154.**	1,416  > 50 < 100 Attacks/Site
381K  Netherlands	4.49M  Hong Kong		7.03M  195.154.**	9,473  < 50 Attacks/Site

WORLDWIDE ATTACKS - LIVE *i*



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SONICWALL

Revelando ameaças que atingem  
Corporações, Governos e Pequenas e Médias Empresas

# Relatório de Ameaças Cibernéticas da SonicWall 2019

Revelando ameaças que atingem  
Corporações, Governos e Pequenas e Médias Empresas

OBTENHA O RESUMO



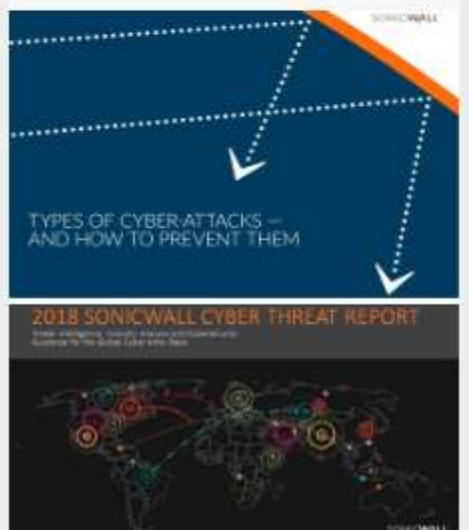
sonicwall.com | @sonicwall

## CONSOLIDE SUA SEGURANÇA E DESEMPENHO DE REDE



Novos firewalls econômicos oferecem segurança, conectividade e desempenho em um appliance pequeno a um preço  
extremamente acessível

- Home
- Media
- Next-Generation Firewall
- Wireless
- Management & Reporting
- Remote Access
- Email Security
- Capture Cloud Platform



## SonicWall Live Demo

Welcome to the SonicWall Live Demo Site. This Website provides customers, resellers and the general public with a portal for real product demonstrations of SonicWall's product line.

The demo site uses JavaScript and pop-ups -- Please enable both before continuing.  
If you are using AdBlock or other similar plugins allow the following domains: [sonicwall.com](http://sonicwall.com), [clicky.com](http://clicky.com), [getclicky.com](http://getclicky.com).

For details on how to purchase SonicWall Security products:  
please contact your authorized SonicWall reseller or use the Partner Locator,  
or call +1-408-745-9600, use our [contact form](#) or email [sales@sonicwall.com](mailto:sales@sonicwall.com).  
Or to find local contact details click here: "[Contact SonicWall Sales](#)"

Please let the representative know you were referred from the Live Demo Site, and thanks for visiting!

Foque em TENDENCIAS  
E não mais em PENDÊNCIAS

**“SEGURANÇA É UMA JORNADA E NÃO UM DESTINO”**

**BILL CONNER**  
CEO SONICWALL

