E-BOOK

THE STRATEGIC IMPERATIVE FOR BOUNDLESS CYBERSECURITY

Mobilizing for your new normal

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INTRODUCTION

Legacy cybersecurity approaches fall short. They have you playing "threat roulette," unable to stop hidden and unknown malware, and creating seams and blind spots in your visibility, protection and analysis.

Moreover, they can be real budget-busters. Rising costs of conventional security, shrinking budgets and staff, as well as a limited availability of qualified personnel, all make it hard to keep up. And suddenly, with the disruption of the traditional office-centric workforce, the new normal is that everyone is remote and unsecure.

SonicWall believes there is a way forward. This e-book takes a closer look at how your organization is facing a cybersecurity business gap, and why you have a strategic imperative to bridge that gap with a new Boundless Cybersecurity model.

"In an age of anywhere, anytime, hyper-distributed business, how can you protect your operational integrity while mitigating risk? SonicWall believes there is a better way forward."

Bill Conner
President & CEO
SonicWall

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THE ERA 0F **HYPER-DISTRIBUTED, REMOTE-FIRST** BUSINESS HAS ARRIVED.

Today's massively expanding distributed IT reality is fueled by:

- The race to digitize

- The proliferation of apps and devices

- Componentized and virtualized capabilities

- The pervasive cloud

- Borderless organizations

- Evolving regulatory compliance
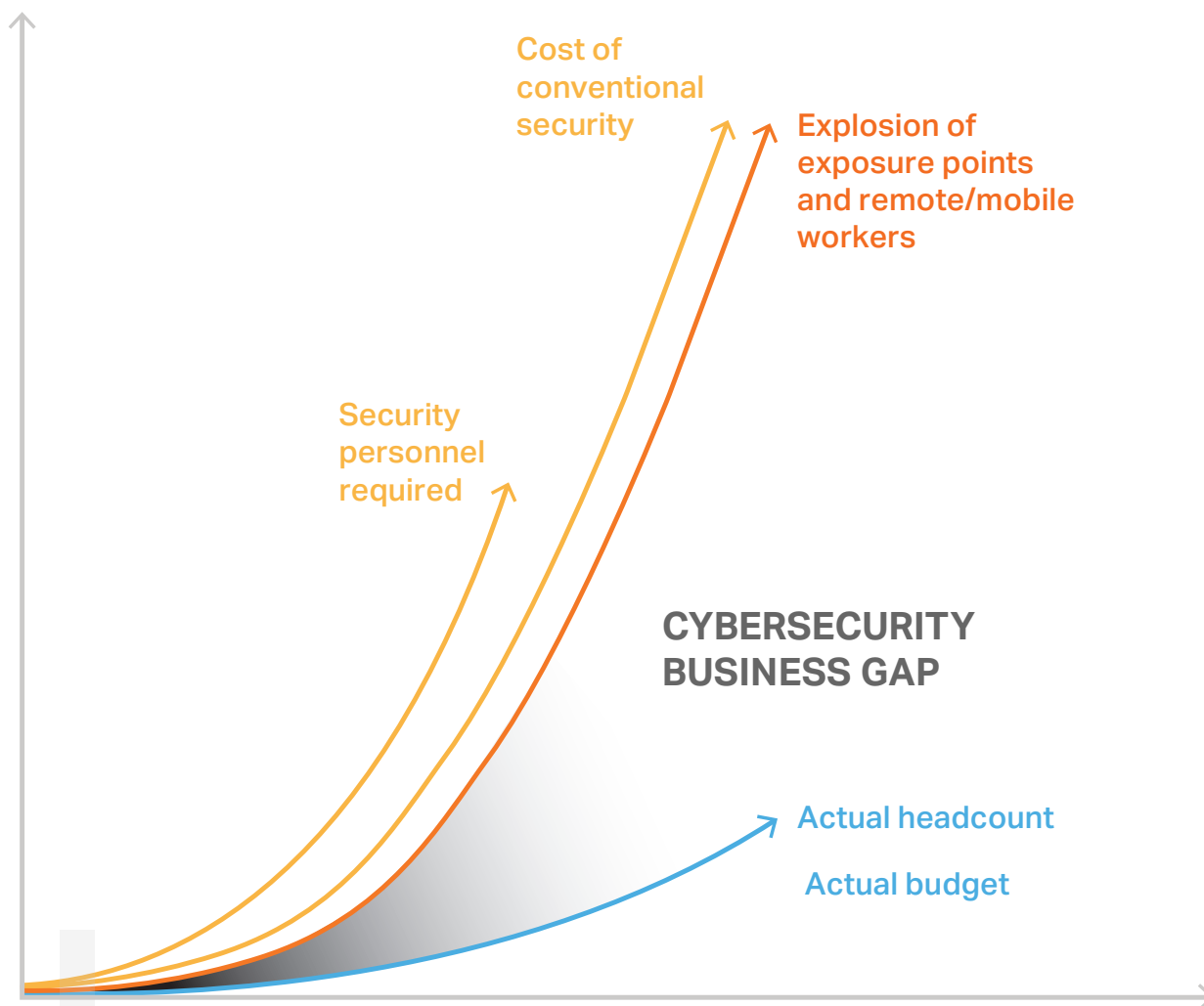
- Sensors everywhere

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AND AN
UNEXPECTED ACCELERATOR.

A new work reality has hit with deep and sudden impact.

Everyone is remote.
Everyone is mobile.
Everyone is less secure.

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WE'RE FACING A
CYBERSECURITY BUSINESS GAP.

- **Risk** escalates with the explosion of exposure points and remote/mobile workers

- **Cost** grows increasingly prohibitive and the shortage of trained personnel becomes more acute

- Constrained **resources** simply can't keep up

Cost of
conventional
security

Explosion of
exposure points
and remote/mobile
workers

Security
personnel
required

**CYBERSECURITY
BUSINESS GAP**

Actual headcount

Actual budget

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THERE IS AN EXPLOSION OF EXPOSURE POINTS.

Citing the rapid emergence of IoT across multiple industries, Gartner states 5.8 billion endpoints will be in use in 2020.

Predictions forecast up to over a trillion programmable endpoints over the next two decades.

Our cybersecurity defenses are confronted with an explosion of endpoints.

- Myriad endpoint devices
- 4- and 5G mobile devices
- Networking and security devices
- Public and private cloud applications
- Email
- Wi-Fi
- IoT devices
- BYOD

"With an endless field of **exposure points**, the traditional network security model is **outdated.**"

— Sagi Gidali
  Co-founder of Perimeter 81,
  a SonicWall technology partner

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THREATS ARE INCREASINGLY EVASIVE.

Across all threat vectors, the array of threat types are also expanding, deepening and getting smarter.

Never-before-seen variants are up 145% year-over-year. Organizations are seeing a 60% change in types of threats and 45% increase in the number and frequency of threats.

Zero-day and other emerging threats are successfully bypassing traditional firewalls and sandboxes at an alarming rate.

Your organization may have **no idea** of what's being missed

- File-less attacks
- Encrypted threats
- Phishing & spear phishing
- Memory-based malware
- Side-channel attacks

Phishing

Encrypted threats

Malicious code

Never-before-seen variants

Non-standard ports

Cryptojacking

Memory threats

Ransomware

IoT attacks

Malware

Side-channel

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SECURITY COSTS CONTINUE TO RISE — AND SKILLED STAFF IS HARDER TO FIND.

While no surprise, the cost of cybersecurity continues to rise. Gartner notes an 8.7% year-over-year increase in IT security spending last year.

And while many organizations plan on increasing the size of their departments, a growing number of those face challenges with inadequate security budget to fill those slots.

- Global cybersecurity spending to cap **$1 trillion** by the end of this decade

- **39%** of organizations have inadequate security **budget**

- **59%** have too few security **personnel**

- **51%** report cybersecurity personnel missing **skills**

- **Unfilled** cybersecurity jobs are expected to reach **1.8 million** by 2022
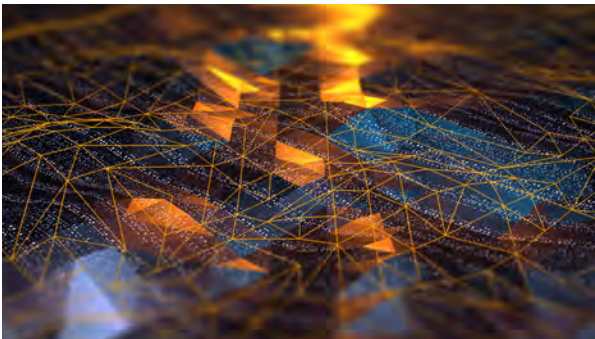
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SHIFT TO A BOUNDLESS CYBERSECURITY MODEL

Break free from untenable technology, staffing and economic constraints – and mobilize for the new business normal of a 'boundless workforce' – with a new paradigm that lets you:

Know the Unknown

Unify Visibility & Control

Disrupt Outdated Economics

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KNOW THE UNKNOWN

- Identify, authenticate, verify and safeguard known and unknown remote users and employees

- Spot and prevent unknown, evasive threats in real time, blocking them until verdict

- Protect all attack surfaces with seamless, multi-layered security coverage

- Deliver security to users, devices, and data anywhere and everywhere

- Provide security that is always on, learning and catching threats as they emerge and evolve

- Leverage a real-time network of global cybersecurity intelligence, AI and machine learning

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UNIFY VISIBILITY AND CONTROL

- Connect and secure a boundless workforce across all environments to eliminate blind spots

- Gain a unified view of risk, including prioritization and control across your entire organization and multiple generations of IT infrastructure

- Increase visibility and control over dispersed remote, mobile and work-at-home employee systems and traffic

- Integrate unified end-to-end visibility and control over technology, services and solutions to eliminate siloes

- Establish a continuously adaptive security posture that dynamically molds to the changing needs of your business

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DISRUPT OUTDATED ECONOMICS

- Break free of conventional cost constraints with scalable TCO (total cost of ownership)

- Make it cost-effective to protect your business, not just in procurement, but over the life of your solution

- Lower overhead by reducing human intervention and easing use with intelligent automation and zero-touch deployment

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SONICWALL BOUNDLESS CYBERSECURITY
BRIDGES THE CYBERSECURITY GAP

Leveraging our global threat intelligence, seamless real-time protection and scalable low TCO, SonicWall can bring you into the Boundless Cybersecurity era. **Learn more** at sonicwall.com/boundless

Network Security

Simplified Management

Email Protection

Wireless Security

Advanced Threat Protection

SaaS Security

Secure SD-Wan

Secure Remote Access

Virtual Firewall

Endpoint Protection

NEED A SECURITY CONSULTATION?

If you'd like an assessment of your security strategy, or have specific questions about the SonicWall Boundless Cybersecurity model, call us at +1-888-557-6642 or contact one of our cybersecurity experts. Or you can visit SonicWall.com to chat with a live representative.

CONTACT A SECURITY EXPERT

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About SonicWall

SonicWall delivers Boundless Cybersecurity for the hyper-distributed era in a work reality where everyone is remote, mobile and unsecure. SonicWall safeguards organizations mobilizing for their new business normal with seamless protection that stops the most evasive cyberattacks across boundless exposure points and increasingly remote, mobile and cloud-enabled workforces. By knowing the unknown, providing real-time visibility and enabling breakthrough economics, SonicWall closes the cybersecurity business gap for enterprises, governments and SMBs worldwide. For more information, visit www.sonicwall.com or follow us on Twitter, LinkedIn, Facebook and Instagram.

If you have any questions regarding your potential use of this material, contact:

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