



IT NATION™

SECURE

hosted by  CONNECTWISE

# Zero Trust for MSPs

Presented by Jay Ryerse & Drew Sanford



IT NATION™ **SECURE**

## Relentless Focus on Cybersecurity

No other company invests more to help **secure your business, secure your customers, and grow your cybersecurity practice.**

### ADVANCE

- Cybersecurity Management Software Solutions
- 24/7, Global SOC Services
- Cybersecurity Partner Program
- Incident Response Service

10x

2020

3x

2022

Cybersecurity Investments

- Threat Reports
- Cyber Research Unit
- Cybersecurity Conference
- Security Certifications
- Security Training

### PROTECT

- Comprehensive, Compliant Strategy
- Partner Trust Center
- Third-Party Threat Hunting
- 24/7 Critical Monitoring
- 24/7 Emergency Hotline
- Incident Response Service



# Top Challenges MSPs Face



## Accelerating Recurring Revenue

How quickly can you go to market with a new managed service?



## Scaling Staff Productivity

Use of multiple individual tools negatively impacts productivity and gets worse with portfolio expansion.



## Sales Growth + Go-to-Market

Lack of visibility into SMB trends and pain points makes it challenging to target the most preferred customer segments.



## Conveying Business Value

More providers are transforming into MSPs, so conveying business value and service differentiation is getting harder.



## Attracting + Retaining Talent

Increasingly, MSPs are competing against global technology firms to hire and keep talent.



## Increased Risk + Liability

MSPs are now actively targeted by threat actors, and customers tend to blame MSPs for breaches.





# Why Cybersecurity and Why Now?



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# The MSP Cybersecurity Opportunity

SMBs *want* MSPs to manage cybersecurity but will switch providers if services don't meet their specific needs.

**89%**

of SMBs are already using an MSP

YET

**42%**

plan to change to a different MSP in the near future

**94%**

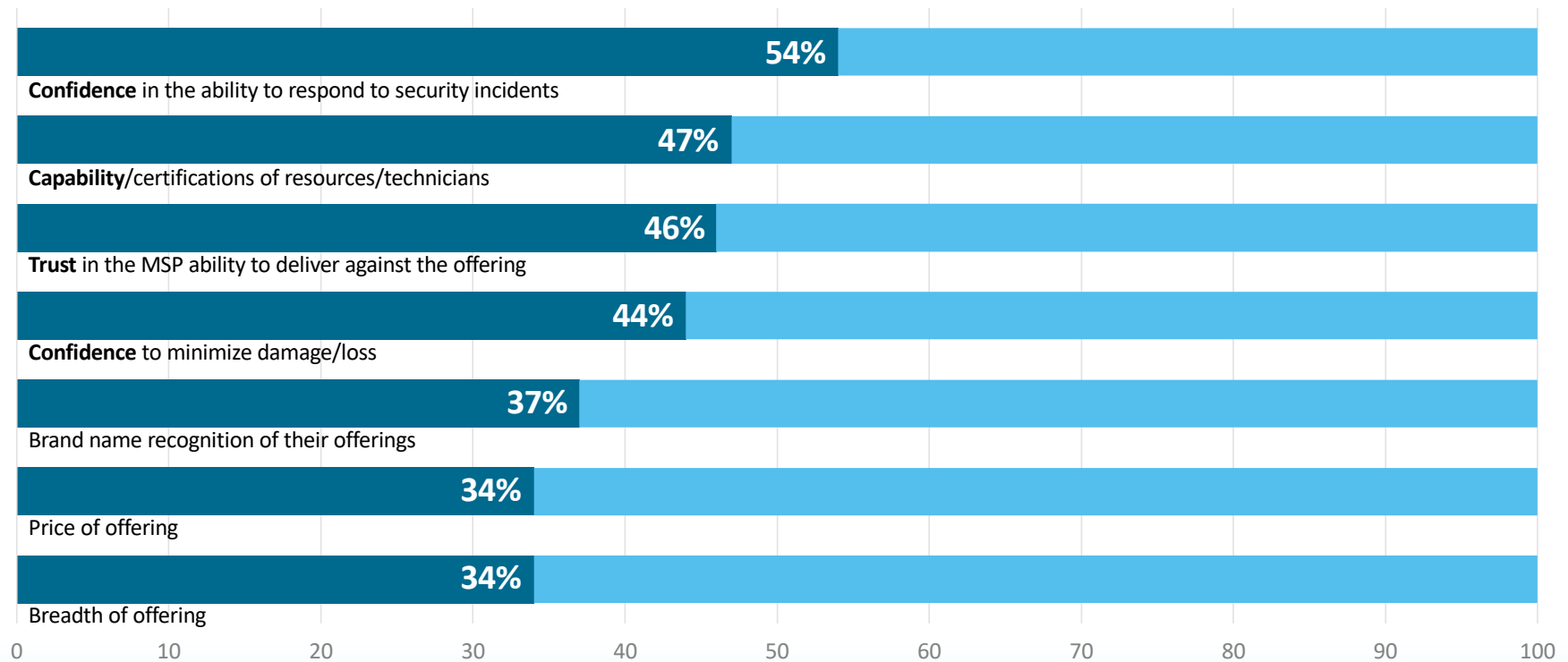
would consider using or moving to a new MSP if they offered the "right" cybersecurity solution

SMBs are willing to pay

**39%**

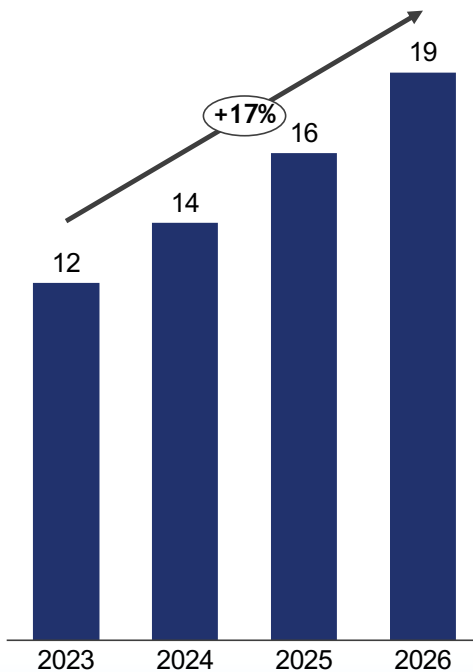
More per year for the "right" cybersecurity solution

# What SMBs Look for in Cybersecurity Services



# NA SMB managed cybersecurity grows to ~\$20B by 2026

## NA SMB Managed Cybersecurity TAM, \$B



## Key Security Investment Drivers and Trends

- **NA SMBs are Financially More Attractive Targets:** Average SMB revenue and digital maturity of NA SMBs much higher than observed in other regions; almost 1 in 3 US SMBs that experienced a cyberattack had to shut down their business
- **Being Prepared is Top of Mind:** Incident response preparedness is becoming important for NA SMBs – vulnerability testing, training, rehearsing responses to actual cyber events are on the rise
- **Improving security readiness:** 1 in 2 SMBs have a security plan and another 30% are in the process of putting one together
- **360° Protection Driving Spend:** Opting for holistic security given more digitalization - on-prem/cloud workloads, devices, physical/virtual servers, endpoints, networks and web gateways
- **NA MSPs Maturing Rapidly :** NA MSPs have more experience with cybersecurity and have been developing their V-CISO capabilities over the last few years – overall more strategic in their approach and service offerings
- **Cybersecurity Insurance on the Rise:** More SMBs are opting for cyber-insurance; insurers now require SMBs to have adequate controls and protection in place to minimize their losses

Source – Analysys Mason and Internal ConnectWise analysis of various public sources (Gartner, Statista, Orange.com, US GAO, Up City, etc.)

# Cyber Insurance (and renewals)

**BRIT**  
writing the future

**BRIT**  
writing the future  
Are back-up files disconnected and inactive?  
Are back-up files encrypted?  
If no to any of the above questions, please provide any additional information of these exposures:  
[Click here to enter text.](#)  
**additional information**  
please provide any additional information of these exposures:  
[Click here to enter text.](#)  
Signature:  
Print Name: [Click here to enter text.](#)  
 Electronically Signed

**BRIT**  
writing the future  
ransomware  
**SUPPLEMENTAL QUESTIONNAIRE**  
applicant: [Click here to enter text.](#)

**communications security**

Are advanced threat protection settings enabled for all email users?  Yes  No

Are multifactor authentication settings enabled for all email users?  Yes  No

Are incoming emails and communications filtered for malicious links/attachments?  Yes  No

Are external emails and communications marked to alert users of their external origin?  Yes  No

Have you implemented any of the following controls: DKIM; SPF; DMARC?  Yes  No

Do you conduct regular phishing training and testing of all users?  Yes  No

If no to any of the above questions, please provide additional details of policies and procedures around security posture and controls:  Yes  No  
[Click here to enter text.](#)

**systems security**

Have you implemented endpoint detection and response security tools?  Yes  No

Do you have established processes and procedures for rapidly deploying critical security patches across servers, computers, mobile devices and other end point devices?  Yes  No

Are multifactor authentication settings enabled for access to privileged accounts or files?  Yes  No

If no to any of the above questions, please provide additional details of policies and procedures around security posture and controls:  Yes  No  
[Click here to enter text.](#)

**back-up and recovery**

Is all system configuration and data subject to regular back-up?  Yes  No

Is back-up access subject to separate access credentials which are maintained separately from common system credentials?  Yes  No

Are multifactor authentication settings enabled for access to back-up files?  Yes  No

CXS5000000 Page 1 of 1

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[Click here to enter text.](#)



# Cyber Insurance (and renewals)

What type of web filtering is used by the applicant?	Choose an item.
How do users access the applicant's network remotely?	Choose an item.
How is remote access to the applicant's network controlled?	Choose an item.
How is Remote Desktop Protocol protected in the applicant's network?	Choose an item.
Which Office 365 security add-ons are utilized by the applicant?	Choose an item.
How often is anti-phishing training conducted for the applicant's employees?	Choose an item.
How is access controlled across the applicant's network?	Choose an item.
How is privileged access to the applications data and applications controlled?	Choose an item.
What EDR solution is used by the applicant?	Choose an item.
What's the extent of unsupported systems and applications in the applicant's network?	Choose an item.
How does the applicant maintain open port hygiene?	Choose an item.
How is Managed Service Provider (MSP) access to the applicant's network controlled?	Choose an item.
What best describes the applicant's patch management procedure?	Choose an item.
What's the extent of the applicant's security events monitoring and logging?	Choose an item.
<b>2. RANSOMWARE RECOVERY INFORMATION</b>	
In the event of an infection of the applicant's core network and applications:	
a. How quickly would the applicant's business operations be impacted?	Choose an item.
b. Which percentage of the network could be recovered from a back-up?	Choose an item.
c. What's the applicant's network redundancy?	Choose an item.
d. What's the estimated number of hours to restore the applicant's business operations?	Choose an item.
What best describes the applicant's back-up procedure?	Choose an item.
How often are the applicant's critical systems and data files backed up?	Choose an item.

- ✓ Choose an item.
- 1. BitDefender Gravityzone Ultra
- 2. Carbon Black EDR
- 3. Check Point Sandblast Agent
- 4. Cisco AMP for endpoints
- 5. CrowdStrike Falcon
- 6. Cyberason Defense Platform
- 7. CylanceProtect
- 8. Cynet360
- 9. F-Secure Rapid Detection & Response
- 10. Kaspersky KATA
- 11. Malwarebytes Endpoint & Response
- 12. McAfee MVision
- 13. Microsoft Defender ATP
- 14. Palo Alto Cortex XDR
- 15. Panda Adaptive Defense 360
- 16. Red Canary EDR
- 17. SentinelOne
- 18. Sophos Intercept X Advanced with EDR
- 19. Symantec EDR
- 20. Trend Micro MDR
- 21. Another EDR solution is deployed
- 22. No EDR solution is deployed

- ✓ Choose an item.
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- 22. No EDR solution is deployed

**FAILSAFE®**

**SUPPLEMENTAL RANSOMWARE APPLICATION**

**I. RANSOMWARE PROTECTION INFORMATION**

What type of web filtering does the applicant use to prevent phishing?	Response:
How does the applicant manage email with suspected malicious content?	Response:
Which protocols are used by the applicant to authenticate the sender and content of email?	Response:
What type of web filtering is used by the applicant?	Response:
How is remote access to the applicant's network controlled?	Response:
How is Remote Desktop Protocol protected in the applicant's network?	Response:
Which Office 365 security add-ons are utilized by the applicant?	Response:
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What best describes the applicant's patch management procedure?	Response:
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**II. RANSOMWARE RECOVERY INFORMATION**

In the event of an infection of the applicant's core network and applications:	
a. How quickly would the applicant's business operations be impacted?	Response:
b. Which percentage of the network could be recovered from a back-up?	Response:
c. What's the applicant's network redundancy?	Response:
d. What's the estimated number of hours to restore the applicant's business operations?	Response:
What best describes the applicant's back-up procedure?	Response:
How often are the applicant's critical systems and data files backed up?	Response:

Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Applicant Company: \_\_\_\_\_  
Authorized Representative: \_\_\_\_\_  
Print Name: \_\_\_\_\_  
Agent/Owner Name: \_\_\_\_\_

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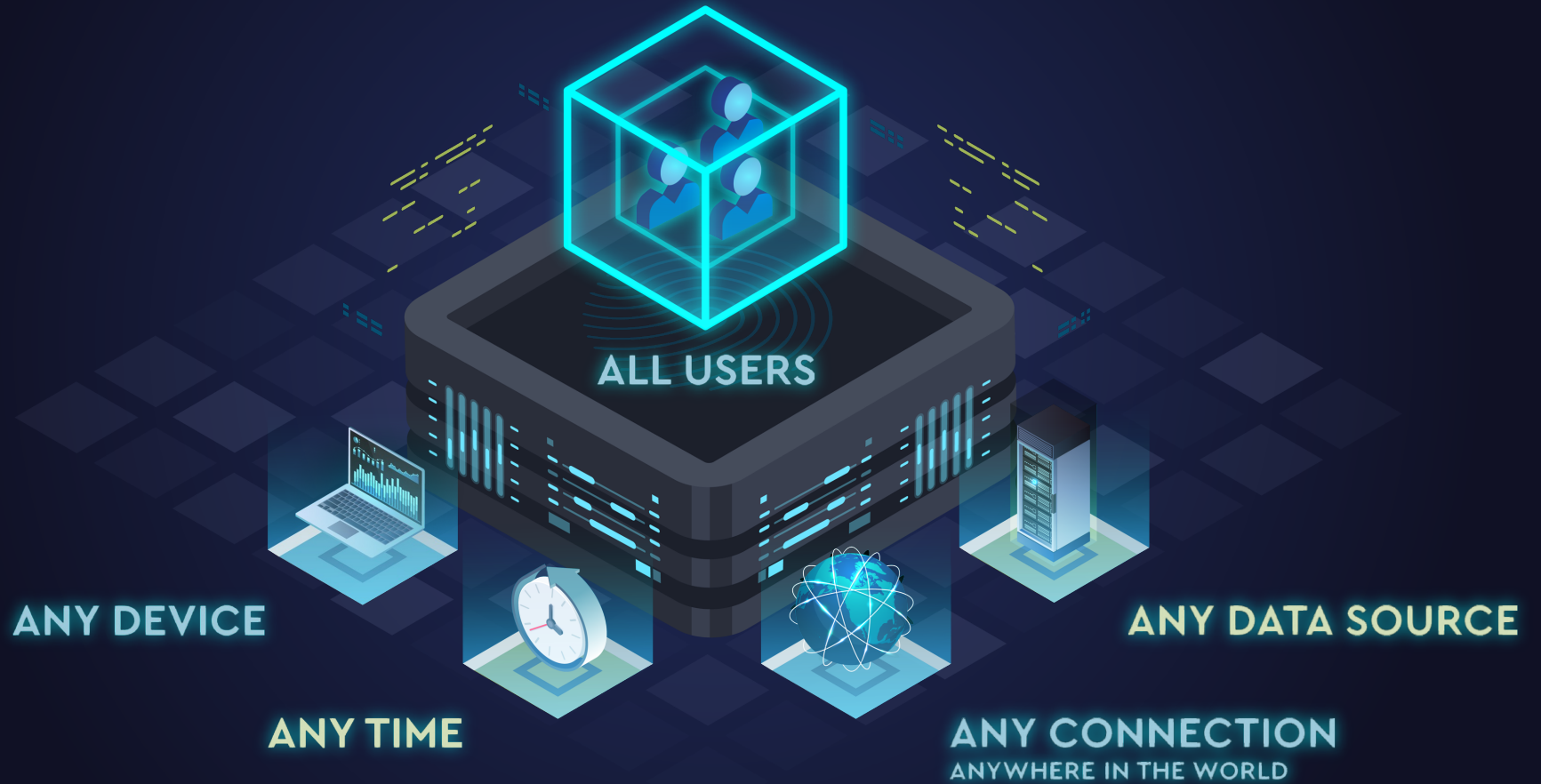
# Zero Trust <> SASE

BUILDING OPERATIONAL MATURITY

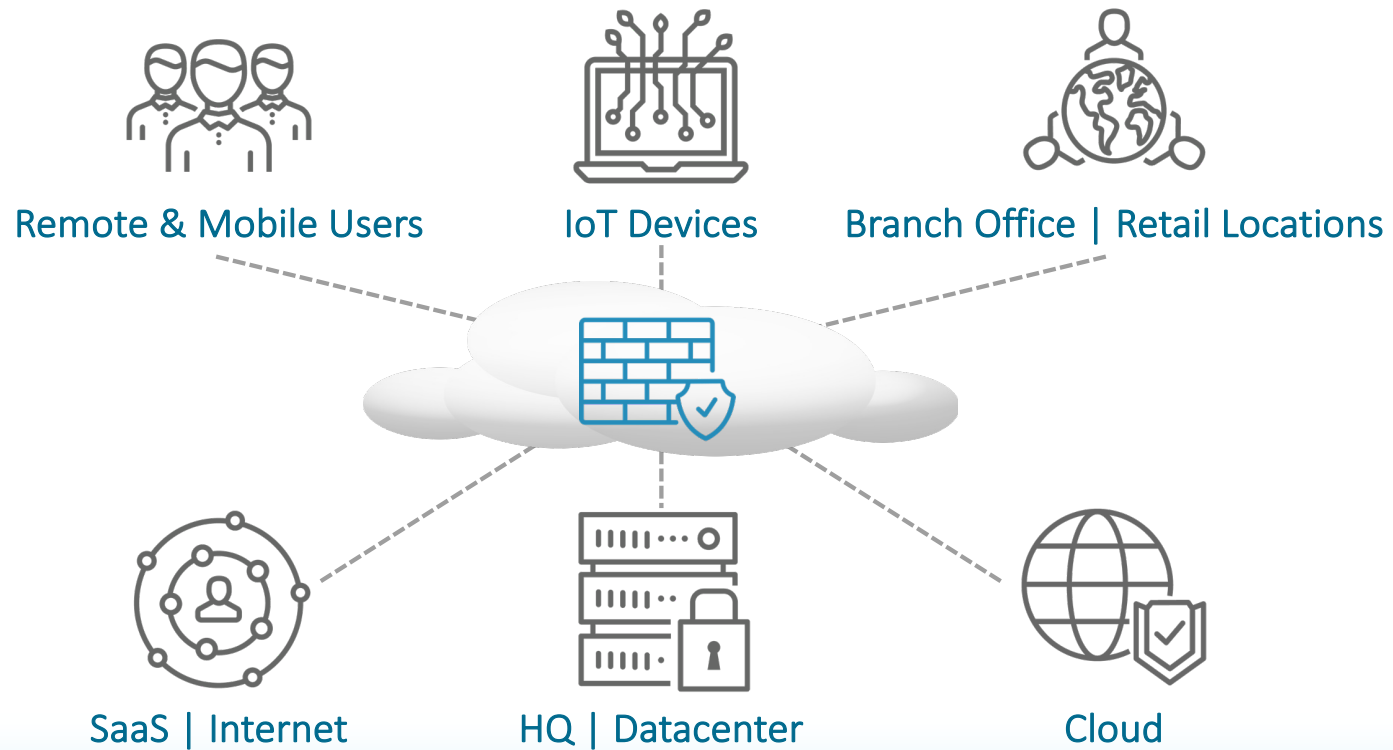


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# EXPECTATIONS



# What does it mean to protect business data?



## Voice of your Peers — “Our Customers are Evolving”

- Clients are shifting to hybrid office models
- More work and data is being created and contained in the cloud
- Users pushing adoption of cloud-based tools—expanding the attack surface
- We’re struggling with best way to secure clients’ new cloud computing edge

“ The old HQ-based network & security edge is gone. We need to deliver secure, anywhere access at the edge of the cloud ”





# Secure Access Services Edge (SASE) by ConnectWise + Exium

Introduced by Gartner in 2018, SASE is a modern security framework for all endpoint, data resource, and network connection, without compromise

## Unified

**Security and Network Automation** on a single cloud native platform, eliminating hardware clutter and service chaining.

## Zero-trust & Identity Centric

**The user is the center of policy creation, not the technology.** Whether on or off corporate premises the focus shifts from traffic-flow-centric to **identity-centric** with granular access control.

## Comprehensive

**SASE covers all network and user endpoints:**

Users, IoT devices, Locations & Application destinations.

**SASE service is real-time scalable and complete – no point products**

e.g., Internet security for users includes DNS, URL filtering, secure web gateway, threat prevention, and CASB etc. all tightly integrated.



# SASE by ConnectWise & Exium

## What is SASE?

Instead of the security perimeter being entombed in a box at the data center edge, the perimeter is now everywhere an enterprise needs to be—a dynamically created, policy-based secure access service edge (Gartner)

## What is Zero-Trust?

Zero trust ensures that every user and device granted access to an organization's resources is who or what they say they are and continuously verified—"If you can't trust anyone, it's best to trust no one."

The logo for EXIUM, with the letters 'EXIUM' in a bold, sans-serif font. The 'X' is red, and the other letters are dark grey.

## Who is EXIUM?

Exium delivers a full suite of network security offerings from a unified platform that securely connect users, locations, and devices to applications in the cloud or private data centers. Exium makes security easier for users by delivering multiple layers of protection through a single client—all managed from an easy to use, single platform.

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# Too Many Tools



## CONSOLIDATE & SIMPLIFY

your technology stack to  
increase operational  
efficiencies and  
improve margins

## WHY THIS MATTERS

- Typical partner supports between 7-25 different tools
- Overlapping tools (AV, EDR, & firewalls)
- Product certs
- Firmware management & maintenance
- Software management & Updates
- Inability to correlate data between tools
- Crushes margins

# Most MSPs Don't Have Dedicated Cybersecurity Talent



## **CYBERSECURITY TALENT**

is difficult to attract, grow, and retain in a highly competitive market where enterprise is targeting and hiring staff from MSPs

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## **WHY THIS MATTERS**

- Talent to manage these tools
- Difficult to attract and retain
- Continuing education is required
- Expensive (Tier 4 Engineer)
- 24x365 coverage model
- Turnover (single point of failure)

# Cybersecurity Tech Stack | Industry POV Circa 2022

## Standard for Most MSPs

- ✓ **Assessment tools**
- ✓ Anti-spam
- ✓ **GPO Management**
- ✓ **Anti-virus**
- ✓ **Patch management**
- ✓ **Web content filtering** (firewall)
- ✓ Managed Firewall (Hardware)
- ✓ IDS/IPS
- ✓ Encryption
- ✓ **Backups**

## New Normal in 2022

- Password Manager
- Security Awareness**
- Endpoint D&R**
- Multi-factor Authentication
- DNS Security**
- Dark Web Monitoring**
- SIEM**
- Threat Intelligence / Sharing**
- Risk Reporting**

## 2023 and Beyond

- Threat management
- Compliance reporting
- Continuous Vulnerability Scanning
- Mobile Device Security
- Application Whitelisting
- Zero Trust / SASE
- Identity & Access Management
- Privileged Access Management
- Data Loss Prevention (DLP)



# 2023 & Beyond

## Email Security by ConnectWise & Proofpoint

### Essentials

- ✓ Assessment tools
- ✓ **EDR/MDR Anti-virus**
- ✓ Patch management
- ✓ Security Awareness
- ✓ Phishing Simulation
- ✓ Dark Web Monitoring

### SASE by ConnectWise & Exium

- ✓ Web content filtering
- ✓ DNS Security
- ✓ IDS / IPS
- ✓ Cloud Access Security Broker (CASB)
- ✓ Data Loss Prevention (DLP)
- ✓ *Mobile Device Security*
- ✓ Virtual Private Network (VPN)
- ✓ Zero Trust Network Access
- ✓ Cloud Delivered Virtual Firewall

### Other SASE Benefits

- ✓ MFA / SSO
- ✓ Encryption
- ✓ Identity & Access Management
- ✓ Privileged Access Management
- ✓ Compliance & Risk Reporting

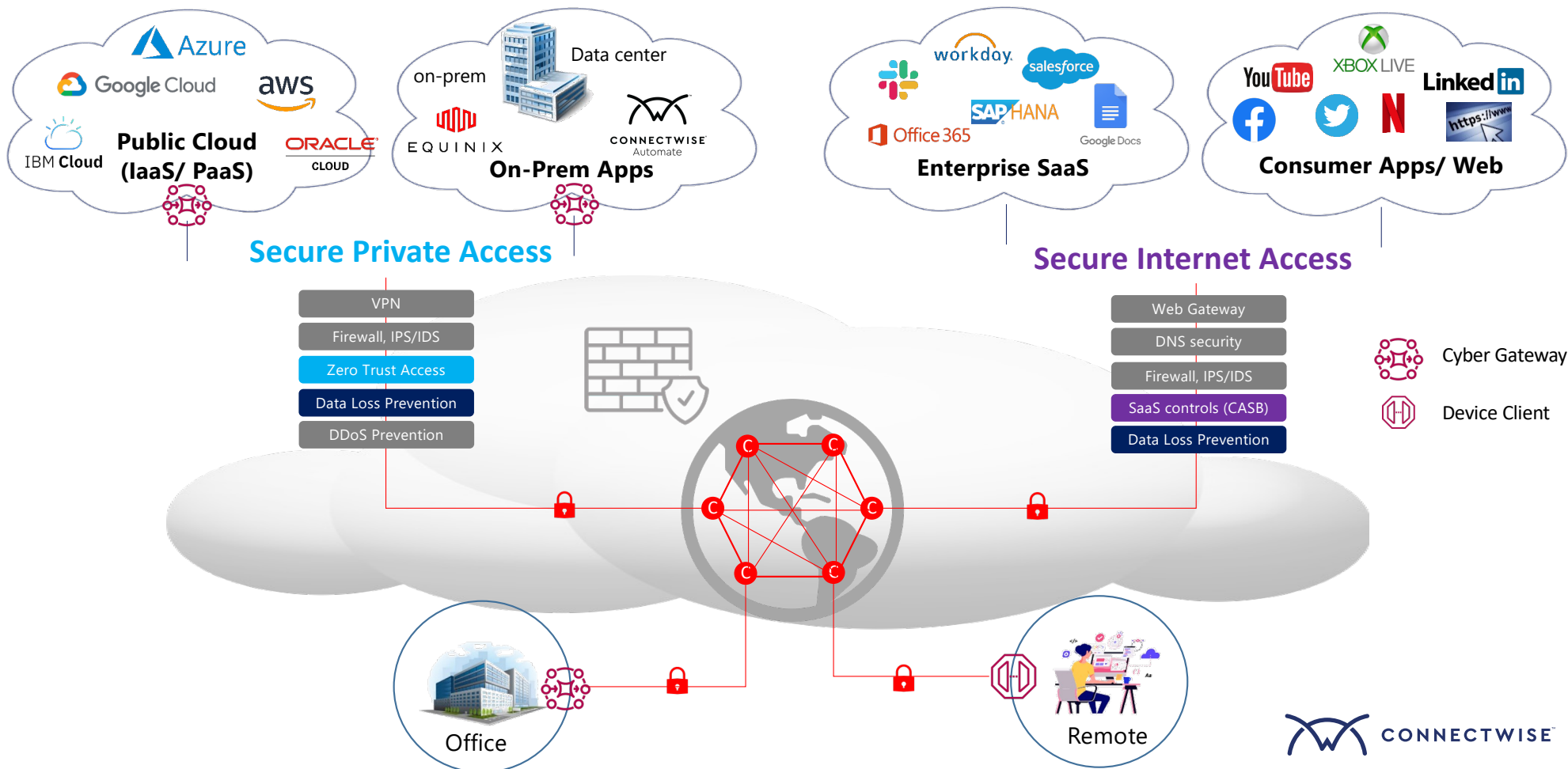
### ConnectWise SIEM

- SIEM  
(With or Without SOC)
- Threat hunting
- Threat management
- Threat intelligence

## Cloud and Onsite Backups



# SASE | A New Frontier for MSPs



## Operational Efficiency | SASE by ConnectWise & Exium



### **CONSOLIDATE & SIMPLIFY**

means reducing the number of tools your team manages and improves security, thus maximizing margin and reducing stress



### **CYBERSECURITY TALENT**


is still important, but the impact of a key engineer leaving is minimized with simplified tools that are easier for all to manage



# SASE by ConnectWise & Exium



ADD  
ZERO-TRUST

CONSOLIDATE  
TOOLS 

REMOVE  
COMPLEXITY 

IMPROVE  
MARGINS 

SINGLE CONSOLE  
SINGLE POLICY   
SINGLE AGENT



CONNECTWISE™

&

EXIUM

Fully integrated cloud-native  
security & networking platform

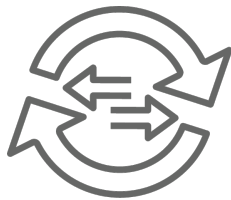


# Gain Operational Efficiencies

## Exium and ConnectWise Integrations

Ordering, Billing, Operational Automation

EXIUM



- Alerts
- Ticket Creation
- Auto Remediation
- Troubleshooting
- Silent agent deployment

The screenshot displays the ConnectWise Automate dashboard. At the top, there are three summary cards: 'Network' showing local IP (10.10.2.44), netmask (255.255.255.0), router address (10.10.2.252), and MAC address (0E-9E-05-1F-A4-2C); 'Monitors' showing 28 successful monitors (93% success rate) and 2 failed monitors; and 'Tickets' showing 14 total tickets (0 new, 0 open, 1 closed). Below these is a list of clients and a detailed view of a ticket (#1051) titled 'Webroot 3 - State Agents 95574 - PRLPT10 306 PRLPT10'. The ticket details include owner (Unassigned), status (New), level (1), start date (10/13/2020), and a request description: 'Webroot 3 - State Agents FAILED on Prolif/technologies/PRLPT10 at Workstations - Ends for PRLPT10 result 2020-09-28 11:27:01'.





# ConnectWise Cybersecurity



# ConnectWise Cybersecurity



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# ConnectWise Cybersecurity

*Prevented 6 million  
MSP attacks over  
the past year*

*Our 180 analyst strong SOC  
reviews over 1.3 million events per  
second across the MSP landscape*

*Protecting over 100,000  
SMBs and 4 million  
devices*

*Industry's most profitable  
MSPs (17% more profitable)*

*> 500 unique threat detections  
across the MSP industry*



Cyber  
Research Unit

Dedicated research  
team focused  
completely on MSP  
threat landscape



ASIO

Industry's only  
purpose-built  
platform across BMS,  
UMM, and Security



Products &  
Services

MSP tailored  
cybersecurity  
solutions and SOC  
services



Ecosystem

Comprehensive set of  
products and services  
covering all MSP relevant  
security solutions



Partner  
Program

Award winning partner  
program supporting your  
Cybersecurity and  
BCDR businesses

# ConnectWise Cybersecurity Management

Everything you need to build, launch, and grow a successful cyber practice

## Identify & Resolve Vulnerabilities

### Risk Assessment

Pre-sales tool for endpoint risks & vulnerabilities assessment, including dark web exposure

### Vulnerability Management

Continuous endpoint scanning for vulnerability prioritization and management

### Identify Assessment

NIST CSF framework-based assessment questionnaire

## Secure & Streamline Access

### MFA / SSO

Endpoint and application protection through MFA/SSO and Elevated Access

## Protect Endpoints & Apps On-Prem/Cloud

### EDR

Monitor endpoints to detect, contain & respond to malicious activity

### MDR

EDR coupled with 24/7 ConnectWise SOC monitoring & response

### SaaS Security

SaaS application monitoring coupled with 24/7 ConnectWise SOC monitoring & response

## Collect & Analyze Log Data

### SIEM

Centralized log collection, analysis, & compliance reporting

### Co-Managed SIEM

SIEM solution coupled with 24/7 ConnectWise SOC monitoring & response

## Respond & Remediate Cyber Incidents

### Incident Response Service

Retainer & on-demand-based 24/7 IR services to respond to worst-case security incidents

### Business Continuity & Data Recovery

Backup and recovery services

### Co-Managed BCDR

Backup and recovery services coupled with 24/7 ConnectWise NOC management

## Compliance & Certification

Get certified against industry regulations, such as SOC, PCI, CMMC, IT security standards like NIST and ISO, and develop plans for security compliance aligned to frameworks like MSP Trustmark.

SASE

### Secure Internet Access

Protect endpoints when connecting to networks, Web & SaaS apps

### Secure Private Access

Zero-trust network & cloud access for on-prem & remote users

Cyber Research Unit

ConnectWise SOC

Partner Program

Ecosystem Solutions

IT Nation | Education

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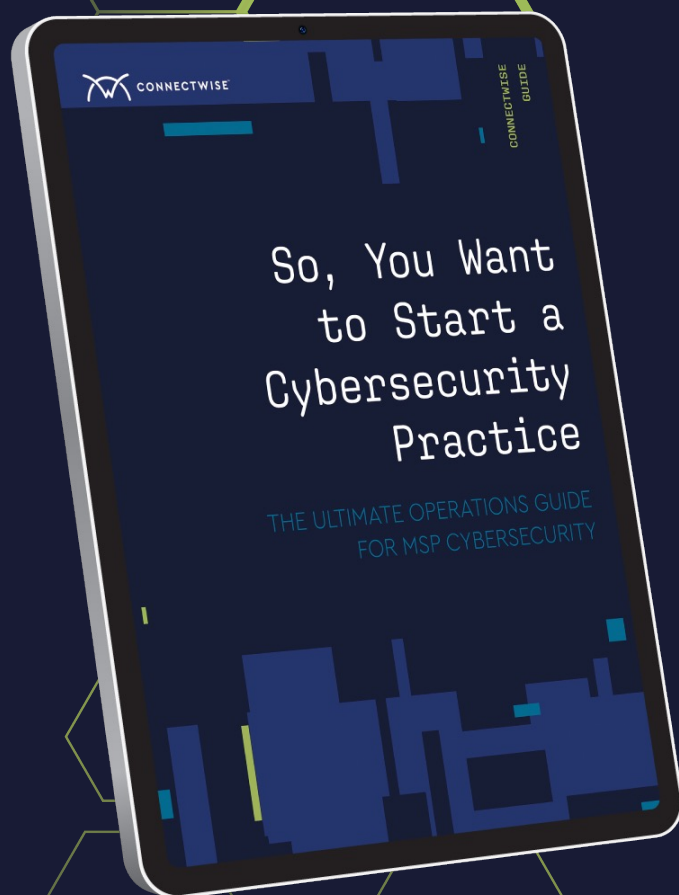
# Action Items



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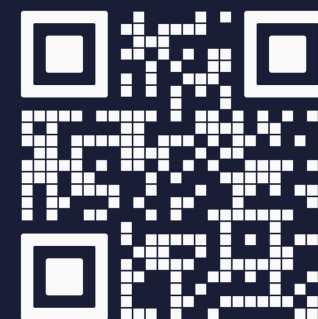


CONNECTWISE™



# Are you looking to start or advance your cybersecurity practice?

Get the ultimate operations  
guide for MSPs



# 2023 MSP Threat Report



The latest intelligence, insights, and predictions from the ConnectWise Cyber Research Unit (CRU)

- Major MSP-focused hacks in 2022
- Emerging and continuing cyberattack trends
- Top ransomware methods of threat actors
- Action items for MSPs in 2023



FORRESTER

## The Partner Opportunity For ConnectWise Cybersecurity Management

A Total Economic Impact™ Partner Opportunity Analysis

FEBRUARY 2023

APPROVED TOTAL ECONOMIC IMPACT™ STUDY CONDUCTED BY FORRESTER

# Read the Full Study





Join Today

 **CONNECTWISE**<sup>®</sup>  
Partner Program

**For ConnectWise partners**

Scan the QR code to access  
sales and marketing tools in  
the Partner Portal





## Questions & Next Steps

Learn more about SASE & Zero Trust

[www.connectwise.com/sase](http://www.connectwise.com/sase)

[www.exium.net](http://www.exium.net)



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Attend an IT Nation event near you!

[www.connectwise.com/theitnation](http://www.connectwise.com/theitnation)





*Don't forget to fill out your*

# SESSION SURVEY