Strategies to Secure Your Remote Workforce

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The Threat

Remote work access has grown rapidly

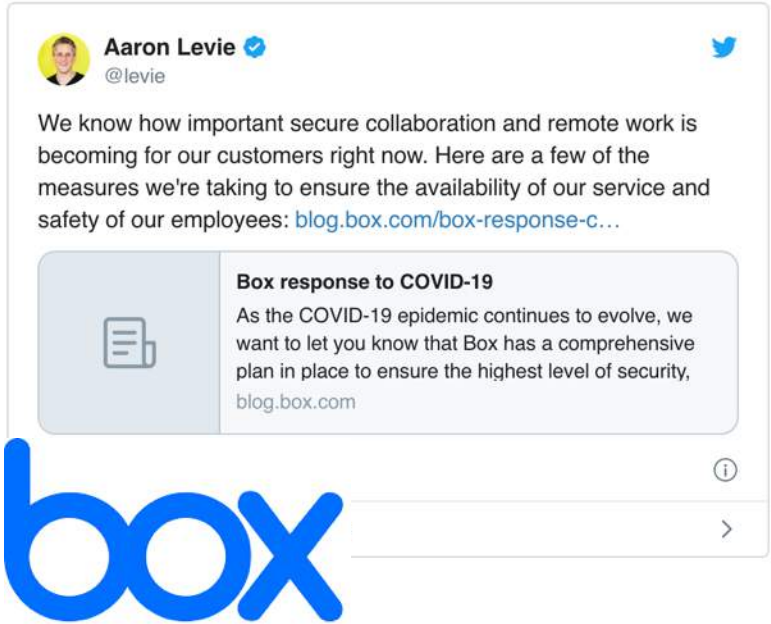
Videoconferencing all-time high

"Zoom daily downloads are up **90%** vs. prior 30-day period"

ZOOM

- **Twitter, Apple, Google, Microsoft, Amazon, and other major companies have restricted employee travel because of the coronavirus outbreak.**
- **To safeguard employees from the outbreak, companies in Europe, Asia, and the US have started asking their employees to work from home as a precautionary measure.**

BUSINESS INSIDER



box

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Security Risks from Remote Work

- Change happened suddenly
- Lack of planning
- Wide open access to corporate resources
- No security defenses in home network
- Malicious actors are even using the crisis

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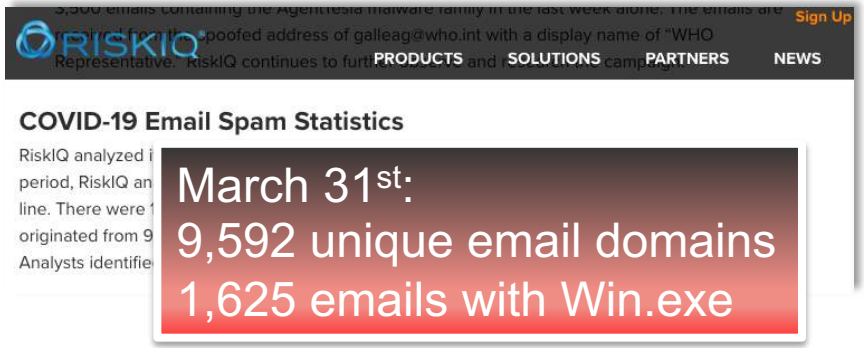
Hackers exploiting situation



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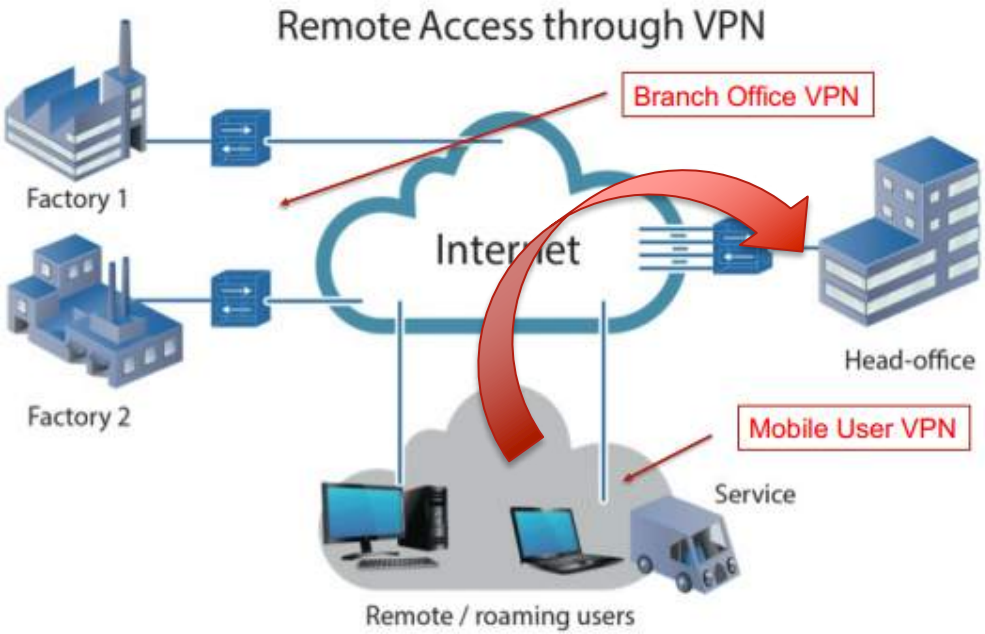
Virtual Private Networks (VPNs)
to Corporate Resources

Understanding VPNs



- Mobile User VPN
  - Connect users' PC/phones to home office
- Branch Office VPN
  - "Site-to-Site"
  - Connect firewalls over the Internet

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VPN Clients

VPN Feature Comparison

Features	IKEv2	Mobile VPN with SSL	IPSec VPN Client
Windows 8.1,10	✔	✔	✔
Android	✔	✔*	—
Mac OS	✔	✔	✔
iOS	✔	✔**	—
Cryptographic security	Best	Good	Better
Windows Pre-logon	✔	—	✔
Split Tunneling	✔*	✔	✔
IPSec Port access required	Yes	HTTPS only	Yes
MFA, including Authpoint	✔	✔	✔
Seamless 4G Roaming	—	—	✔
Integrated Personal Firewall	—	—	✔
Customer Branding Option	—	—	✔
Speed	Excellent	Good	Excellent

*Must be managed client side

https://www.watchguard.com/wgrd-products/mobilevpn

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Clientless VPN - Access Portal

- RDP (Remote Desktop Protocol)
- TLS encrypted sessions
- No client required

WGRD Model	Max RDP Sessions*
M270	10
M370	15
M470	20
M570	50
M670	50
M4600	50
M5600	120

RDP sessions can use up to 100 Mb of Memory
*Not enforced. Mileage may vary depending on session type

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Virtual Firewalls

- Add temporary or short-term capacity
  - Mobile VPN to Cloud and have a branch tunnel set up to office

vmware Microsoft Hyper-v KVM aws Azure

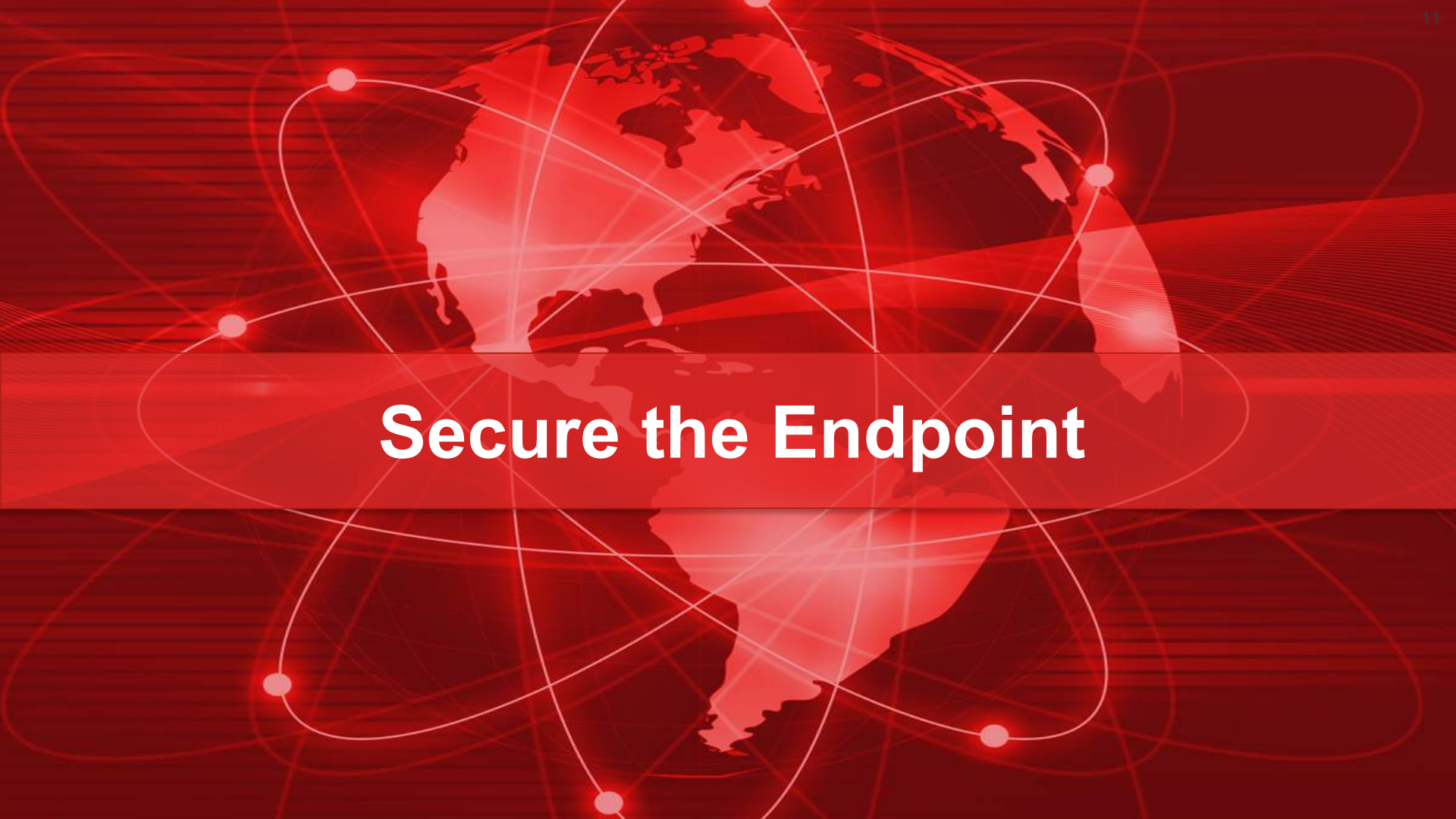
Eval time increase to 120 days during COVID-19 crisis

WatchGuard PARTNER PORTAL

Virtual Appliance Evaluation

Simply click on the Request Evaluation button next to the Edition you would like to evaluate. An email will be sent to you with further instructions.

WatchGuard Product	SKU	Available	Used	
WatchGuard Firebox V Small 30 Day Evaluation	WGVIE779	5	1	Request Evaluation



Secure the Endpoint

Best practices for home user / employees

- Be smart – avoid risky clicks & phishing attempts
- Segregate work computer from other computers at home
- Make backups!
- Change default passwords on home routers
- Install endpoint protection software

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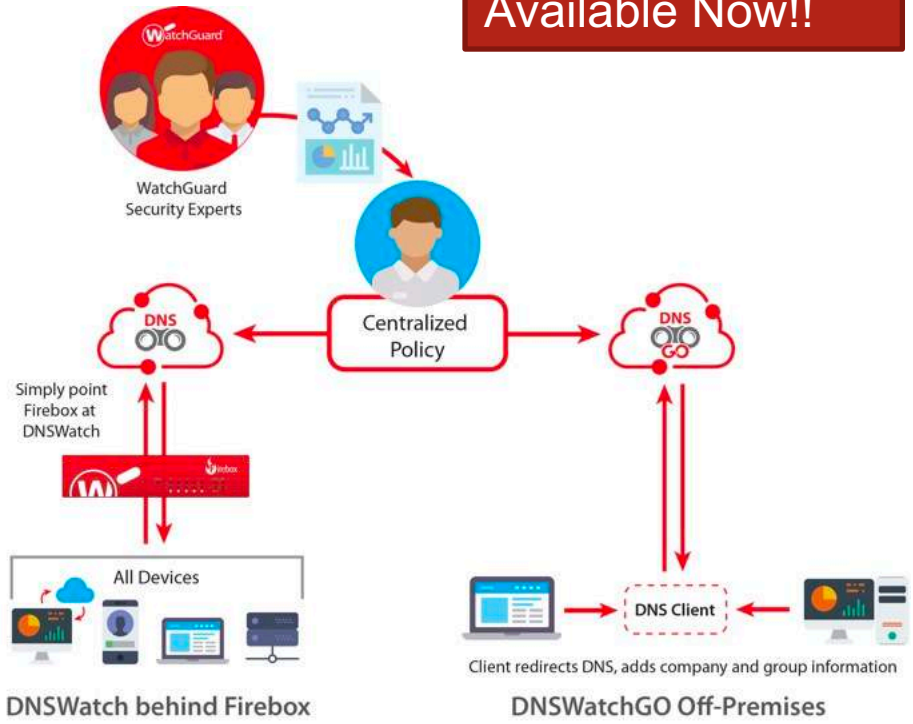
DNS Filtering

- DNS-level detection, to block connections to the bad guys
- Protects end users from phishing attacks and C2 connections
- URL content filtering
- No VPN required

120-Day Free Trial Available Now!!



https://www.watchguard.com/wgrd-products/dnswatchgo

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Umfrage #1

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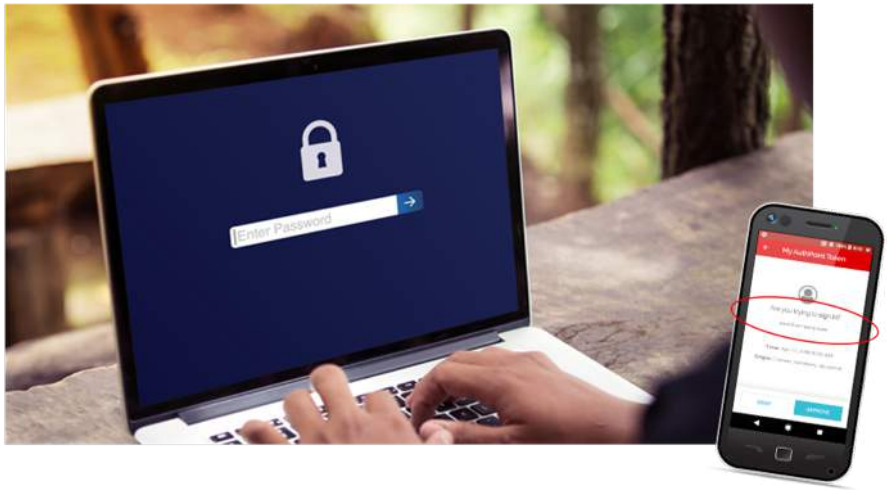
Protecting Employees' Credentials
with MFA

Protect unauthorized users from accessing your computer

By protecting your employee logons you can quickly and easily close security gaps that leave your company vulnerable to intruders.



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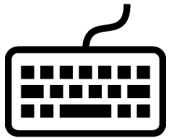
Eliminate the risk of poor password habits to your network

All it takes for a hacker to gain entry is any ONE of the following:

One User
With a bad password



One User
With a keylogger or Mimikatz trojan on their computer

One User
Sharing their password

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Provide secure access to essential applications

Enforce MFA and create secure, remote-access VPN tunnels to internal resources and Cloud applications without requiring additional hardware or software.

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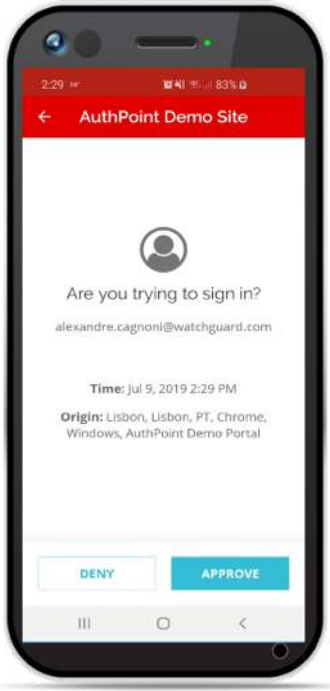
Protect your company credentials

- Eliminate the risk of cyber attacks due to weak/stolen passwords
  - Verify user identity
  - Authenticate with one-touch approval
  - Protect all your applications
  - Geo-localization enabled



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Check out some quick set-up tips

- Join product experts
- Live Q&A
- See all MFA features

Register

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Umfrage #2

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Final Considerations

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COVID-19 Update

- WatchGuard is ready to help
- Support remains open for business
- Products help to secure remote employees
- New resources available

HEALTH AND SCIENCE

California governor issues statewide order to 'stay at home' as coronavirus cases soar

PUBLISHED THU, MAR 19 2020·9:44 PM EDT | UPDATED 4 HOURS AGO

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Website: https://www.watchguard.com/wgrd-solutions/remote-worker

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WatchGuard Is Ready to Help!

We are offering free and discounted services to help companies protect their mobile workforce.

WatchGuard Passport

WatchGuard Passport is a bundle of user-focused security services designed to block phishing attempts, enforce web policy, and authenticate people anywhere in the world. For a limited time, WatchGuard is offering the DNS filtering and multi-factor authentication components of Passport – **DNSWatchGO** and **AuthPoint** – free for 120 days for up to 250 users.

Free AuthPoint MFA | Free DNSWatchGO | Learn About Passport

WatchGuard FireboxV and VPN

Cloud-hosted firewalls can help to load-balance VPN traffic destined for your HQ and scale to accommodate the connections your company requires. To help you get through the surge of VPN traffic, WatchGuard is offering FireboxV licenses free for 120 days. Three mobile VPN options are supported and available to accommodate your specific needs.

To register for your free FireboxV license, please contact your WatchGuard Partner directly.

Learn About WatchGuard Mobile VPN | FireboxV and COVID-19 licensing FAQ

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Danke
Bleiben Sie gesund!

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