Product Data Sheet

Remote Worker Cybersecurity

Being able to demonstrate protection of customer data through compliance such as GDPR, Cyber Essentials or ISO27001 is directly linked to customer loyalty.

Yet data theft continues to plague small and medium businesses. Estimates suggest that as many as 80% of SMBs cease trading within 6 months following a cyberattack.

Hybrid working can introduce big challenges in protecting corporate data. Staff working from home, or a coffee shop, demand the same level of access to your confidential data that they have back in the office.

The challenges in securing remote users

The standard-issue cyber protection for remote-workers tends to be antivirus, a WiFi router and maybe a VPN. When compared with corporate office cybersecurity, these tools provide a fraction of the protection for your data.

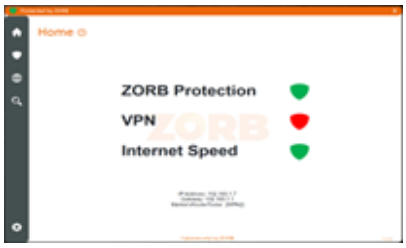
Attackers know this; just look at the recent rise in data theft from poorly secured homeworker networks:

- at best, antivirus protects against 5%-10% of known web-based malware
- off-the-shelf VPNs provide little protection to data beyond web traffic. What about email, file transfer, application traffic?
- most Internet Providers try to make it as simple as possible to connect to their router's WiFi network. This also makes it easy for malicious users to connect, unless default settings are reconfigured. Router firewalls can be bypassed. A real threat is an attacker gaining access to a home network via an Internet connected smart device

ZORB Cybersecurity

ZORB provides robust, business-level cyber protection in order to protect confidential data when accessed from outside of the corporate office; such as by home workers, mobile staff in a coffee shop or when at a third party site.

We provide peace of mind that confidential data, when accessed by remote users, is protected and data compliance is met. ZORB provide comprehensive detection against data theft and data loss, protection against cyber hackers and we enhance your existing antivirus to reinforce against poor internet hygiene.



Software solutions

Protects individual devices of users working from outside the office (home, coffee shops, etc)

Hardware solutions

Protects the entire network for hybrid workers with multiple smart devices on their home network

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Data Loss Detection– 24 x 7 monitoring to ensure data is going where it should be.

Allows your to answer compliance questions such as: Is user data going to OneDrive as expected or is a third party intercepting it first? Are our users using the VPN we have provided them? Is ALL of their data actually going down the VPN? Has that user just uploaded to Dropbox even though the IT policy says they should not use cloud storage?

Blocklists - 24 x 7 monitoring for known compromised Internet endpoints.

Users are statistically more likely to contract malware from clicking on a google ad than visiting a pornography website. ZORB blocks over 200,000 malicious web endpoints that your antivirus most likely is not aware of.

Intrusion Detection- 24 x 7 monitoring ensures nothing is on the network that should not be.

Antivirus alone cannot protect against attacks from the user's home network if 'something' or 'someone' has gained access via a compromised smart device. IDS is a robust network protection method that has been used by corporate businesses for the last 20 years. ZORB has re-engineered IDS specifically to protect home networks.

Vulnerability Testing - detect weaknesses in your home network before hackers do.

Penetration testing has been the main stay of corporate networks for a long time. Automated audits of network connected smart devices identify vulnerabilities before a hacker can exploit them.

Download Coffee Shield for FREE:
https://zorbsecurity.com/coffeeshield

		ZORB Coffee Shield Software	ZORB Data Shield Software	ZORB Network Shield Hardware
	Use Cases:	Uses Public WiFi	Works from home, or uses Public WiFi	Home network with multiple smart devices
	Protection Level:	Single device	Single device	Entire home network
PUBLIC-Safe	Public WiFi protection	✓	✓	
DATA-Safe	Confidential data loss prevention		✓	✓
WEB-Safe	Blocks 200,000+ malicious websites		✓	✓
INTRUDER-Safe	Home network intrusion detection			✓
NETWORK-Safe	Home network vulnerability testing			✓

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Technical Specifications

		ZORB Coffee Shield	ZORB Data Shield	ZORB Network Shield
PUBLIC-Safe	**Increased protection on public WiFi networks**			
	WiFi security strength monitoriing	✓	✓	
	Device connection monitoring	✓	✓	
	Exposed open port scanning	Top 15 ports	500+ ports	
	VPN used or not used		✓	
	Internet speed test		✓	
DATA-Safe	**Data loss prevention rules to protect confidential data**			
	Request to unknown DNS servers		✓	✓
	Covert data transfer (TOR, botnets)		✓	✓
	VPN bypass		✓	✓
	IT policy violation			(Coming 2023)
	Connection to non-approved endpoints			(Coming 2023)
WEB-Safe	**Blocklist of 200,000+ malicious sites your AV wont spot**			
	Connection to known botnet servers		✓	✓
	Connection to known malicious servers		✓	✓
	Connection to known ransomware servers		✓	✓
	Connection to known phishing servers		✓	✓
	Connection to known cryptomining servers		✓	✓
INTRUDER-Safe	**Intrusion detection rules created specifically for home networks**			
	Unrecognised devices			✓
	Network scans			✓
	Service password brute-forcing			✓
	Unusual network traffic (SSH, RPC, etc)			✓
	Device vulnerability exploit attempt			✓
NETWORK-Safe	**Vulnerability testing for smart homes**			
	WiFi security exposure			✓
	Router's internet-profile exposure			✓
	Networked devices open ports exposure			✓
	Home network configuration exposure			✓
	Default/weak device passwords			(Coming 2023)

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Trial Data Shield for 1 month:
https://zorbsecurity.com/trial/