

Cyber Criminals are Targeting Dealerships! *Are You Prepared?*



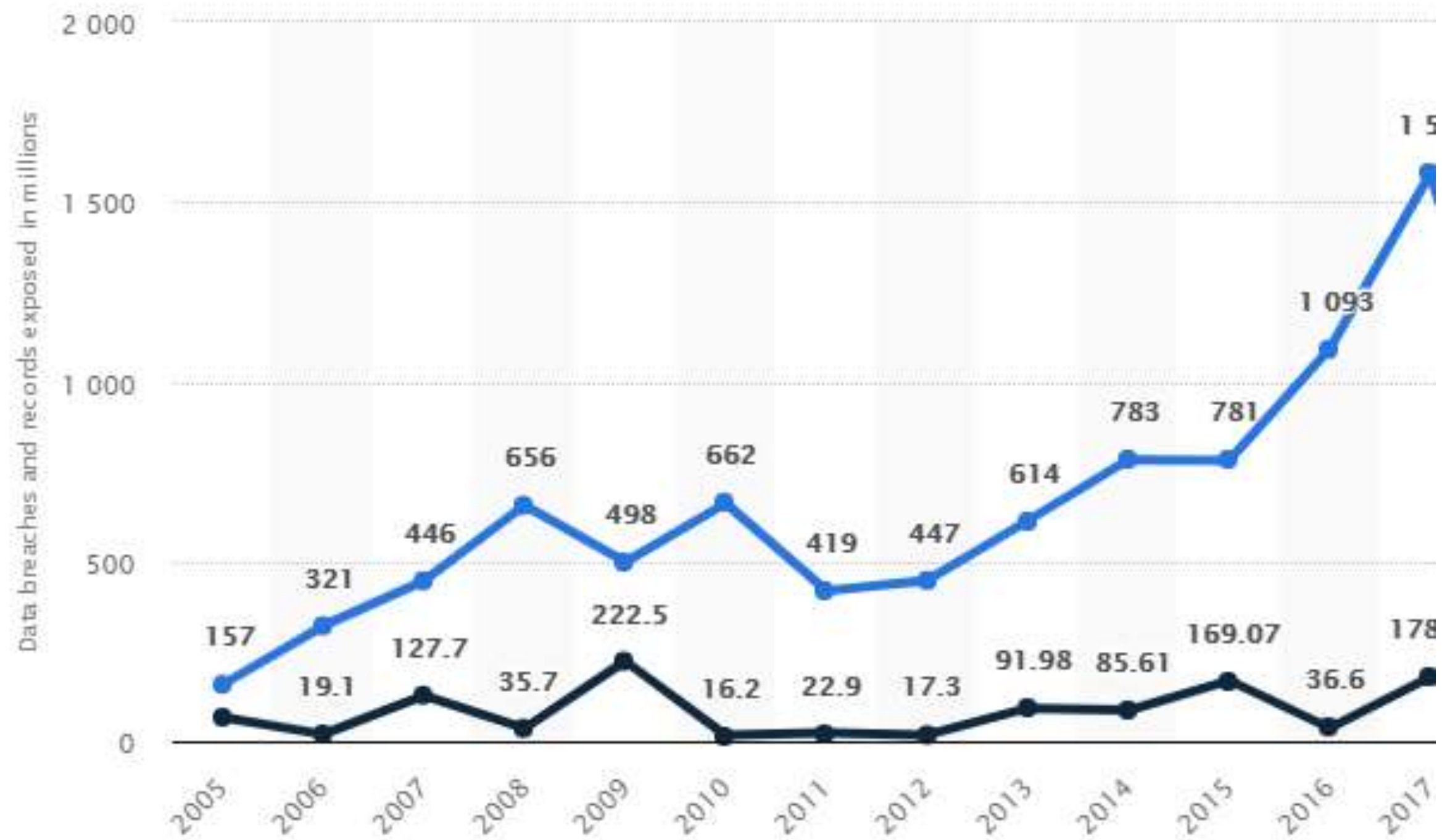
PRESENTER:

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Breaches Increasing



YAHOO!



3 Billion Records

EQUIFAX



143 Million Records

ebay



145 Million Records

Marriott



500 Million Records





Russian Speaking Actors



**Organized &
Well Funded**



World-class Infrastructure



Technical Expertise

91%

Breaches started with a **PHISHING** attack

\$5 Billion

In Comparison

5 Billion Seconds Ago Abraham Lincoln Was President

Estimated 2017 **Ransomware** Revenue

40

Breaches per second in 2018

\$5.3 Billion

In Comparison

GDP of Barbados: \$5.3 Billion

Estimated 2017 **CEO Fraud** Revenue

9

Average months until Hacker detected

\$6 Trillion

In Comparison

Total Revenue Generated By Apple in 2018: \$265 Billion

Largest transfer in wealth to criminals in history



“Reasonable Measures”



“The 20 controls in the CIS’s Controls identify a minimum level of information security that all organizations that collect personal information should meet.

The failure to implement all the Controls constitutes a lack of reasonable security measures.”

Source: California Attorney General

CIS Controls	
1	Inventory & Control of Hardware Assets
2	Inventory & Control of Software Assets
3	Continuous Vulnerability Management
4	Controlled Use of Administrative Privileges
5	Secure Configuration for Hardware & Software on Mobile Devices, Laptops, Workstations & Servers
6	Maintenance, Monitoring & Analysis of Audit Logs
7	Email & Web Browser Protections
8	Malware Defenses
9	Limitation & Control of Network Ports, Protocols & Services
10	Data Recovery Capabilities
11	Secure Configuration for Network Devices, such as Firewalls, Routers & Switches
12	Boundary Defense
13	Data Protection
14	Controlled Access Based on the Need to Know
15	Wireless Access Control
16	Account Monitoring & Control
17	Implement a Security Awareness & Training Program
18	Application Software Security
19	Incident Response & Management
20	Penetration Tests & Red Team Exercises

Salesman Phishing Attack



Service Tech Ransomware Attack



CEO to Controller / Gift Card Phishing





No Employee Training



Global Administrative Access



No Microsoft Patching



Old/Free Antivirus Software



VS



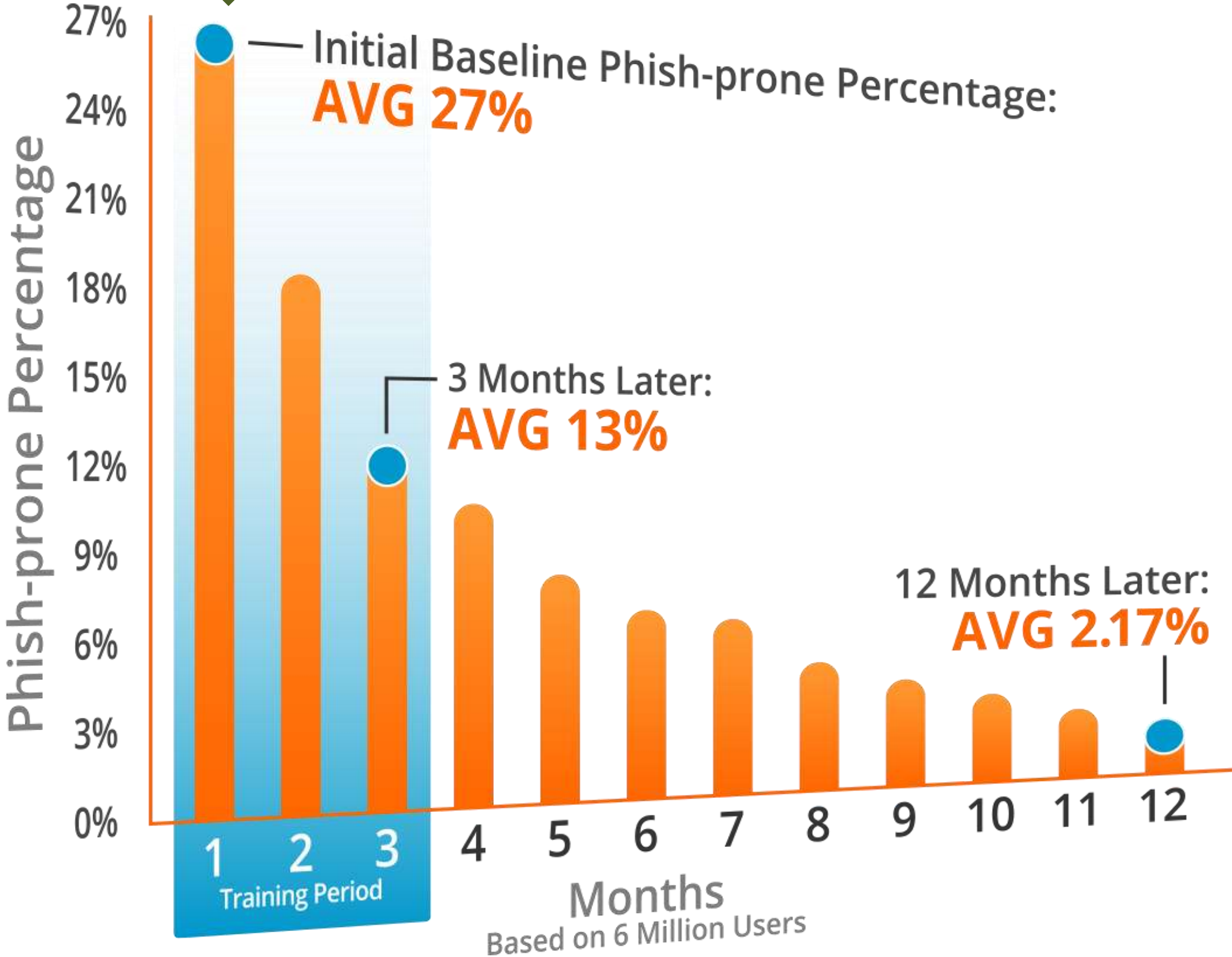
- Local Administrative Rights
- Network Administrative Rights
- Eliminate Personal Laptops
- Force Microsoft Updates
- Intrusion Prevention System (IPS)
- Force Password Changes

- Webroot Antivirus
- Strong Email Filtering
- Control Internet Access
- Cloud Backups
- Exchange Online

Security Awareness Training



Security Awareness Results





Millions in Coverage

Breach Coach

Security



Event



**SECURITY
INCIDENT
RESPONSE
PLAN**

- Declare a Security Incident
- Activate Internal Response Parties
- Engage Outside Parties

Security Measures Layers Checklist

	Currently in Place	At Risk
Data Backup (cloud-based)	<input type="checkbox"/>	<input type="checkbox"/>
Restrict Administrator Access	<input type="checkbox"/>	<input type="checkbox"/>
Required Password Changes	<input type="checkbox"/>	<input type="checkbox"/>
Microsoft Patching	<input type="checkbox"/>	<input type="checkbox"/>
Antivirus (cloud based)	<input type="checkbox"/>	<input type="checkbox"/>
Email Security (cloud based)	<input type="checkbox"/>	<input type="checkbox"/>
Web Browsing Security (cloud based)	<input type="checkbox"/>	<input type="checkbox"/>
Intrusion Prevention System All Sites (IPS)	<input type="checkbox"/>	<input type="checkbox"/>
Human Firewall	<input type="checkbox"/>	<input type="checkbox"/>
Cyber Liability Insurance	<input type="checkbox"/>	<input type="checkbox"/>

<https://heliontechnologies.com/notes>

- **Security Measures Checklist**
- **Incident Response Template**
- **Reasonable Measures Checklist**



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