



CYBER SECURITY SOLUTIONS

Build a solid cyber security strategy to defend your business against cyber threats

The digital age has brought an interconnected business and with it, came an increased reliance on technology and data. While that's all good, the downside is, cybercriminals are taking advantage of this situation.

Cyber threats are becoming more advanced and pervasive. In the last two years, over 4,000 ransomware attacks have happened, and about 24% of Australian businesses experienced a ransomware incident which impacted their business. With many well-publicised breaches recently and unstructured data becoming more valuable for many organisations, cyber security is fast becoming an essential part of business strategy.

Defend against cyber threats

Build a resilient IT security in your digital enterprise by adopting a solid strategy on your security program. Professional Advantage implements best practices and evidence-based risk mitigation strategies developed by the Australian Signals Directorate (ASD), an intelligence agency in the Department of Defence. From the bare minimum to the more comprehensive risk assessments, we help you detect and prevent threats, intrusions and exploits before they can even reach your network.

Key Benefits

With a reliable cyber security solution in place, you can:

- Identify risks or set controls to manage or eliminate them.
- Detect threats and remediate breaches faster.
- Protect your business' sensitive data and information.
- Safeguard your personal information.
- Guard against malware, ransomware, spyware, etc.
- Allow employees to work safely and securely.



Professional Advantage works with Australian businesses to combat cyber threats in three ways:

01

Network and Server Vulnerability Scan

Taken as a first step mostly by small to medium businesses towards creating a secure IT environment, Vulnerability Scan assesses your internal network and servers for known vulnerabilities using a tool.

- Service**
- Network Configuration Review
- Components**
- Switches (VLANs, Subnets), Routers, Firewalls
 - Conduct internal and external vulnerability scan of network and servers
 - SSL Certificate Check for Public Websites
 - Report

02

Essential 8 Mitigation Strategies Maturity Assessment

The Essential 8 Mitigation Strategies is based on Australian Signals Directorate's (ASD) evidence-based and best practices for mitigating cyber security threats. This is intended for small to medium enterprises who would like to implement a bare minimum security framework.

- Service**
- Workshop
- Components**
- Get an understanding of what the business does and how it operates
 - Discuss the Australian Signals Directorate (ASD) Essential 8 mitigation strategies
 - Determine current perceived IT security threats
 - Get current perceived maturity level
 - Determine desired maturity level
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- Final Report
 - Summary of findings and scorecard
 - Current maturity level against ASD Essential 8 mitigation strategies
 - Recommendations to achieve desired maturity level
 - Roadmap and costs to implement recommendations

Essential 8 Mitigation Strategies Maturity Assessment



Application Whitelisting



Application Patching



Operating System Patching



Restriction of Administrative Privileges



Configuration of Office Macros



User Application Hardening



Multi-factor Authentication



Review Backups



03

Information Systems Risk Assessment

The Information Systems Risk Assessment analyses overall risks from IT to business impacts of vulnerabilities in your network, servers, data, applications as well as access and identity. This service is typically for large enterprises that need a holistic approach to IT security.

Service Components



- **Asset Discovery and Classification** – Identify critical information assets. Clarify assets based on data sensitivity and business impact



- **Threat Analysis** – Identify threats associated with each asset type based on the industry and nature of the business



- **Vulnerability Identification** – Identify flaws or weaknesses in security. Scan systems associated with the assets to detect vulnerabilities



- **Control Analysis** – Compare current mitigation strategies to the PA security framework, based on Australian Signals Directorate (ASD) and the National Institute of Standards and Technology (NIST) based practices



- **Risk Determination** – Determine the risk to the business, based on vulnerabilities, likelihood of threat, impact and current mitigation strategies



- **Control Roadmap** – Provide a prioritised roadmap of mitigation strategies, including associated tools and software. Provide a risk scorecard for the current environment and post-implementation of recommended controls

ACT NOW!

Your information assets are valuable, and the threats to these assets are constant. Don't wait for a breach to happen before you act. Contact Professional Advantage to get started on building a solid strategy to protect your business in this digital age.





Enabling *High Performance* Workplaces

ABOUT PROFESSIONAL ADVANTAGE

Professional Advantage is one of Australia's most awarded solutions providers, with over 25 years of experience in helping organisations improve their business systems through industry leading software solutions. Our 250-strong team in 6 offices across Australia and internationally has successfully worked with over 1,000 organisations.

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