

### The Cyber Resilience Journey

Current State
Assesment



Review Policies and Practices

Identify Organisations
Risk Appetite

Conduct a NIST
Framework Maturity
Assesment

Identify Key Risk Areas

Define the Target
State



People, Processes, Policies, and Technologies

Identification

Detection

Respond and Recover

Roadmap and Business Case Development



Gap Analysis

Risks Mitigated and Investment Required

Executive and Board Alignment and Approval

Roadmap Implementation



Program and Project

Management

Governance

Project Assurance

Policy Revew

Business Continuity and Desktop Drills

> Workshops, Whiteboards, Networking



### Cyber Security a Clear and Present Risk

# Legislation and Compliance

- Notifiable data breaches (AU), PSPF
- GDPR (EU)
- CCPA (California)
- PIPEDA (Canada)

### Increasing Technological Complexity

- Cloud services (many Clouds)
- Multiple Cloud providers
- Critical data outside own control

### Information Explosion

- Data and analytics
- IOT
- Digital disruption



Increasing frequency and impact of Cyber Security Incidents

- State actors
- Organised crime

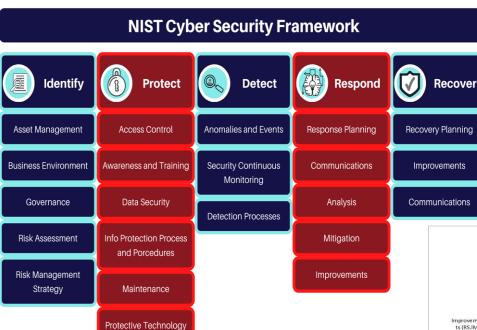
#### **Many Standards**

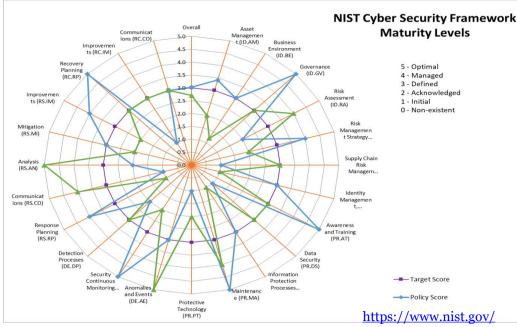
- ASD Essential 8
- NIST
- ISO27001



# A Pragmatic Approach to Cyber Security

#### Holistic Framework & Governance







## A Pragmatic Approach to Cyber Security

#### Holistic Framework & Governance

#### IV. Business Continuity and I. Legal and Compliance **Crisis Management** Legal and compliance Regulatory requirements • Incident Response Plan (international) · Contigencies to deal with • Certification standards other crisis and stakeholder management Operations and **Board** Technology II. Operations and Engagement Leadership and **Technology** & Oversight V. Leadership and Control measures Governance Address identified risks Compromise Human Management due diligence Mitigate potential **Factors** Ownership of risk Assessing appetite for risk

#### III. Human Factors

- Security culture that empowers and helps to ensure commitment
- Proper mix of people, skills, culture, communication





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