



OREGON
STATE
TREASURY

OREGON STATE TREASURER ELIZABETH STEINER

INFORMATION SECURITY OVERVIEW

Joint Legislative Committee
On Information Management
And Technology



MISSION AND VISION

Treasury Mission

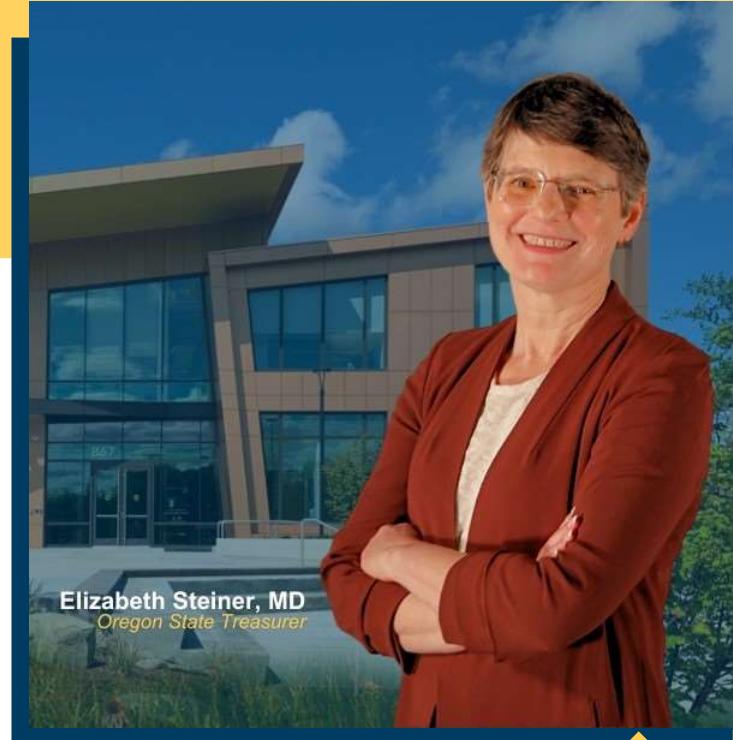
To Provide Financial Stewardship For Oregon.

Treasury Vision

Leading The Way For Oregonians To Achieve Long-Term Financial Security.

Information Technology (IT) Mission

Improving Oregon Governments' And Citizens' Financial Capabilities Through Collaborative, Resilient, Innovative, And Secure Technology Solutions.





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INFORMATION SECURITY OVERVIEW

TREASURY'S CYBER SECURITY PROFILE



Provide Resilient Enterprise Infrastructure And Expertise
Needed To Conduct Business Securely And Reliably

TREASURY 2024 OPERATIONAL SNAPSHOT



Issued \$5.2 Billion In State
& Local Debt To Support
Oregon Communities



\$140 Billion Investment Assets Managed
On Behalf Of Public Employees,
Governments, & Public Universities



18.4 Million Banking
Transactions Processed
Totaling \$419 Billion



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INFORMATION SECURITY OVERVIEW

CYBER ATTACKS IN THE FINANCIAL SERVICES INDUSTRY

The Financial Industry Is 300 Times More Likely To Face An Attack

- The Cost Of A Data Breach In The United States Averaged 9.36 Million USD In 2024
- The Average Time To Contain A Data Breach Was 64 Days In 2024

The Effect: More Money Is Being Dedicated Within The Financial Industry To Address And Contain Cyber Attacks



Top Threats To Financial Services Organizations

Phishing

Denial of Service DDoS

Ransomware

Malware Spam

Smishing



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**2025 FS-ISAC- Annual Threat Trend Report*



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INFORMATION SECURITY OVERVIEW

BIGGEST IMPACTS OF CYBER EVENTS

- Financial Loss
- Data Theft/ Data Leak
- Customer Trust And Reputational Damage
- Disruption Of Operations
- Regulatory And Legal Consequences
- Increased Cybersecurity Costs





INFORMATION SECURITY OVERVIEW

INFORMATION SECURITY PROGRAM OVERVIEW

Frameworks: NIST Cybersecurity Framework, NIST 800-53 Rev. 5, OR Statewide Information Technology (IT) Control Standards (2024), & OR Statewide Information Security Plan (2023)

Security Operations Center	Architecture & Engineering	Threat & Vulnerability Mgmt.	Risk & Compliance
Event Monitoring	Security Strategy	Vulnerability Management	Policy Management
Incident Response	Project Consulting	Security Configuration Management	Risk Management
IT Disaster Recovery	New Product Reviews	Application Security	NIST Compliance
Metrics Effectiveness	IT Escalation	Access Management	Security Governance
	Zero Trust	Endpoint Protection	Regulatory Inquiries
			Vendor Risk Management



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INFORMATION SECURITY OVERVIEW

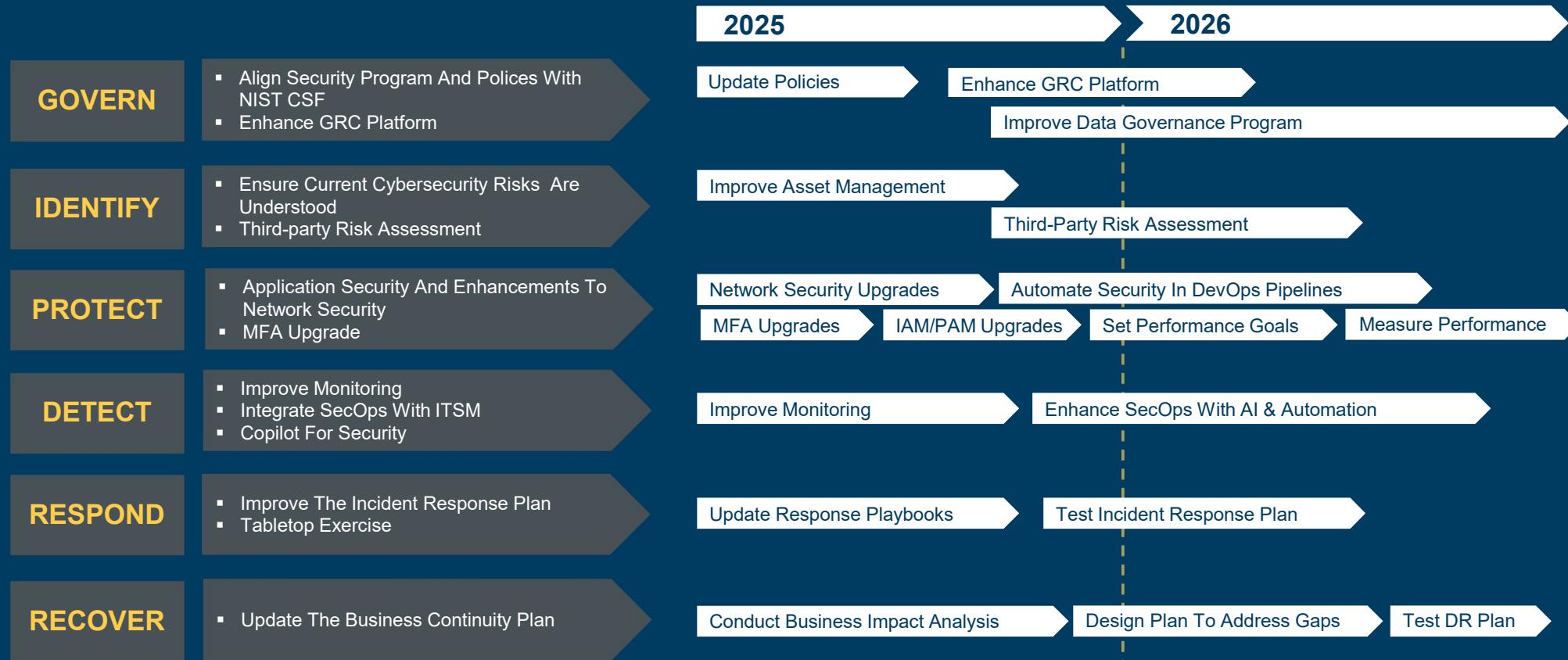
CYBERSECURITY KEY OBJECTIVES

Objective	Description
Govern	Develop Cybersecurity Risk Management Strategy, Expectations, And Policy Are Established, Communicated, And Monitored.
Identify	Develop Organizational Understanding To Manage Cybersecurity Risks To Systems, Assets, Data, And Capabilities.
Protect	Develop And Implement Appropriate Safeguards To Ensure The Protection Of Oregon State Treasury Assets.
Detect	Develop And Implement The Appropriate Activities To Identify The Occurrence Of A Cybersecurity Event.
Respond	Develop And Implement The Appropriate Activities To Take Action Regarding A Detected Cybersecurity Events.
Recover	Develop And Implement The Appropriate Activities To Maintain Plans For Resilience And To Restore Any Capabilities Or Services That Were Impaired Due To A Cybersecurity Event.



INFORMATION SECURITY OVERVIEW

CYBERSECURITY ROADMAP





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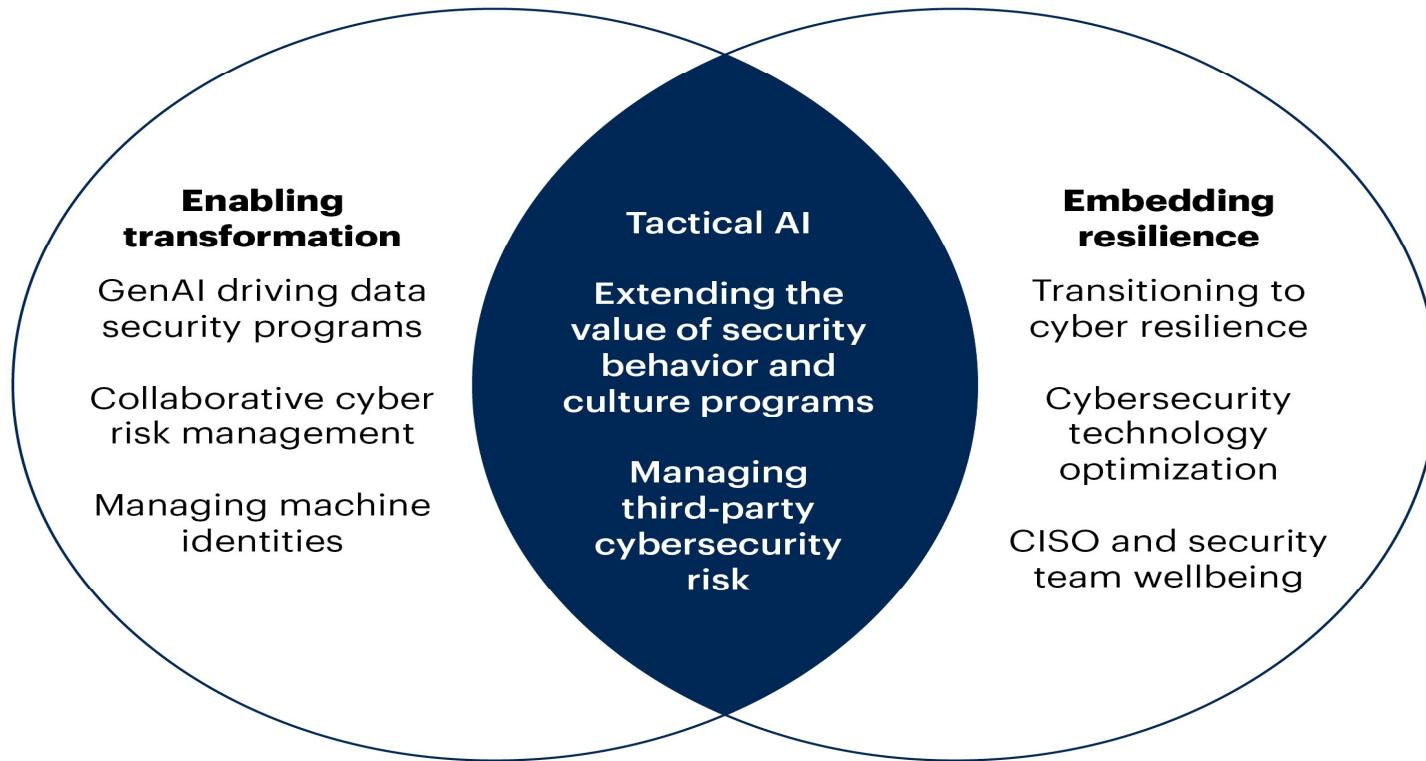
INFORMATION SECURITY OVERVIEW

INFORMATION SECURITY INVESTMENTS



- **24x7 Incident Detections & Response**
- **Enhance Security Operations With AI And Automation**
 - **Cyber Resilience & Business Continuity**
 - **Automated Security Integration In DevOps Pipelines**
 - **MFA Enhancements**
 - **Cloud Security**
 - **Information Security Research And Advisory Services**
 - **Transitioned From A Traditional SIEM To An Extended Detection And Response Platform**

Top Trends in Cybersecurity for 2025



Source: Gartner
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Gartner



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INFORMATION SECURITY OVERVIEW

RECENT ACTIVITIES

Security Assessments



- SoS Cybersecurity Audit Updates (2024)
- Comprehensive Penetration Test (2023)
- Security Program Gap Assessment (2024)

Staff Training



- New Hire Orientation
- Annual Security Awareness Training
- Monthly Security Tips
- Simulated Phishing Test



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INFORMATION SECURITY OVERVIEW

SECURITY COLLABORATIONS



- **EIS-Cyber Security Services**
 - Oregon DOJ Cyber Work Group
 - Info-Tech Consultation
 - Gartner Consultation
 - Multi-State Information Sharing And Analysis Center
 - Financial Services – Information Sharing And Analysis Center

INFOSEC STAFF TRAINING

- Cyber Security Conferences
- Cyber Security Webinars
- Security Bootcamps & Certifications
- Information Security Community



Information Security Report



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