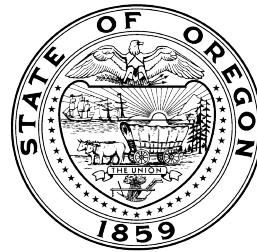


SECRETARY OF STATE

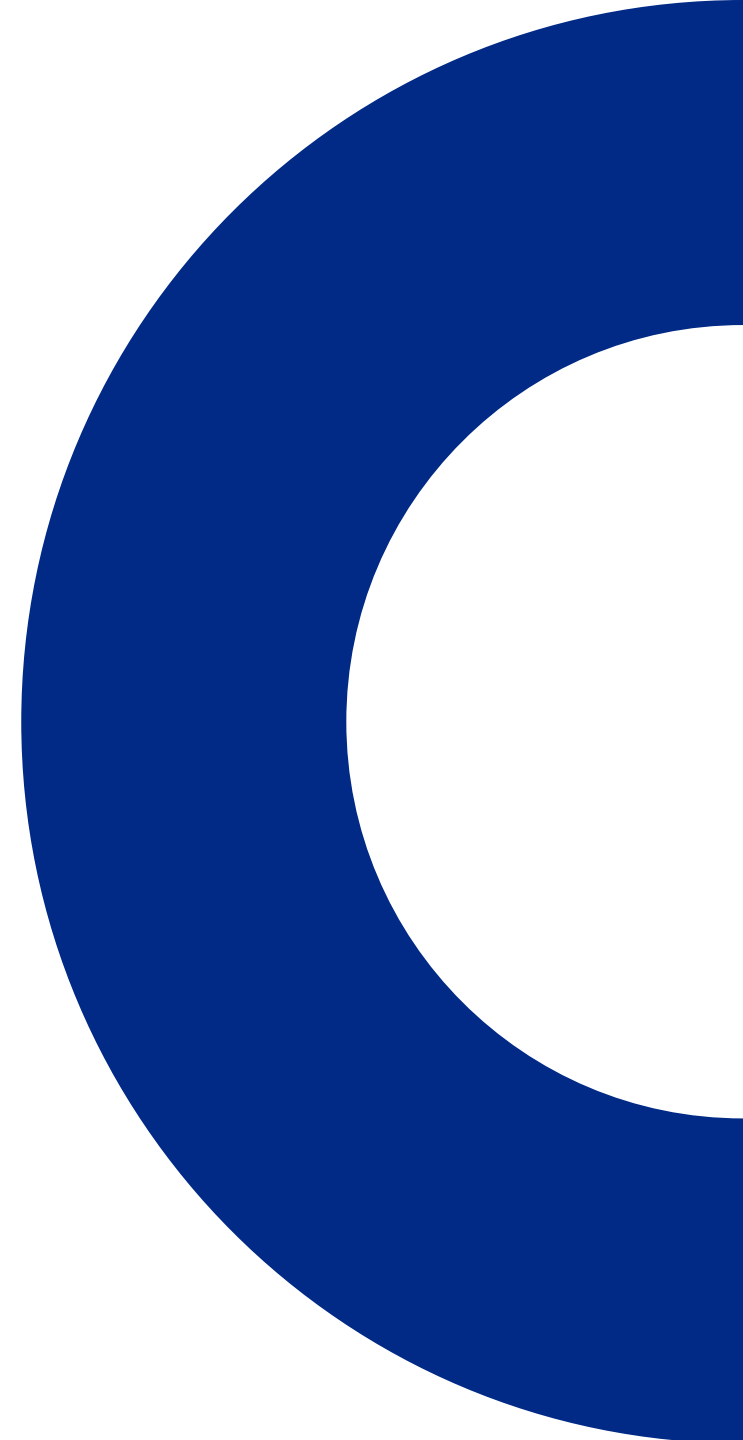
INFORMATION SYSTEMS DIVISION



Joint Legislative Committee on Information
Management and Technology (JLCIMT)

OVERVIEW/AGENDA

- Mission, Vision, and Values
- Operations
- Budget
- Current/Future Projects
- Policy Option Packages
- Audits and Assessments
- Collaboration/Alignment





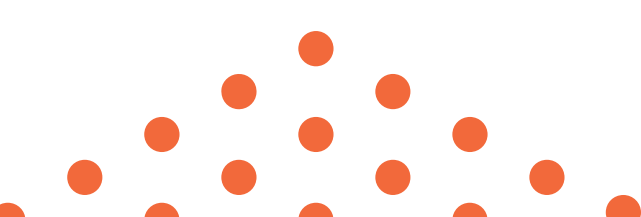
MISSION, VISION, AND VALUES

The Secretary's Vision: As Servant Leaders, we will apply experience, knowledge, and abilities to improve transparency, accountability, and integrity in Oregon government.

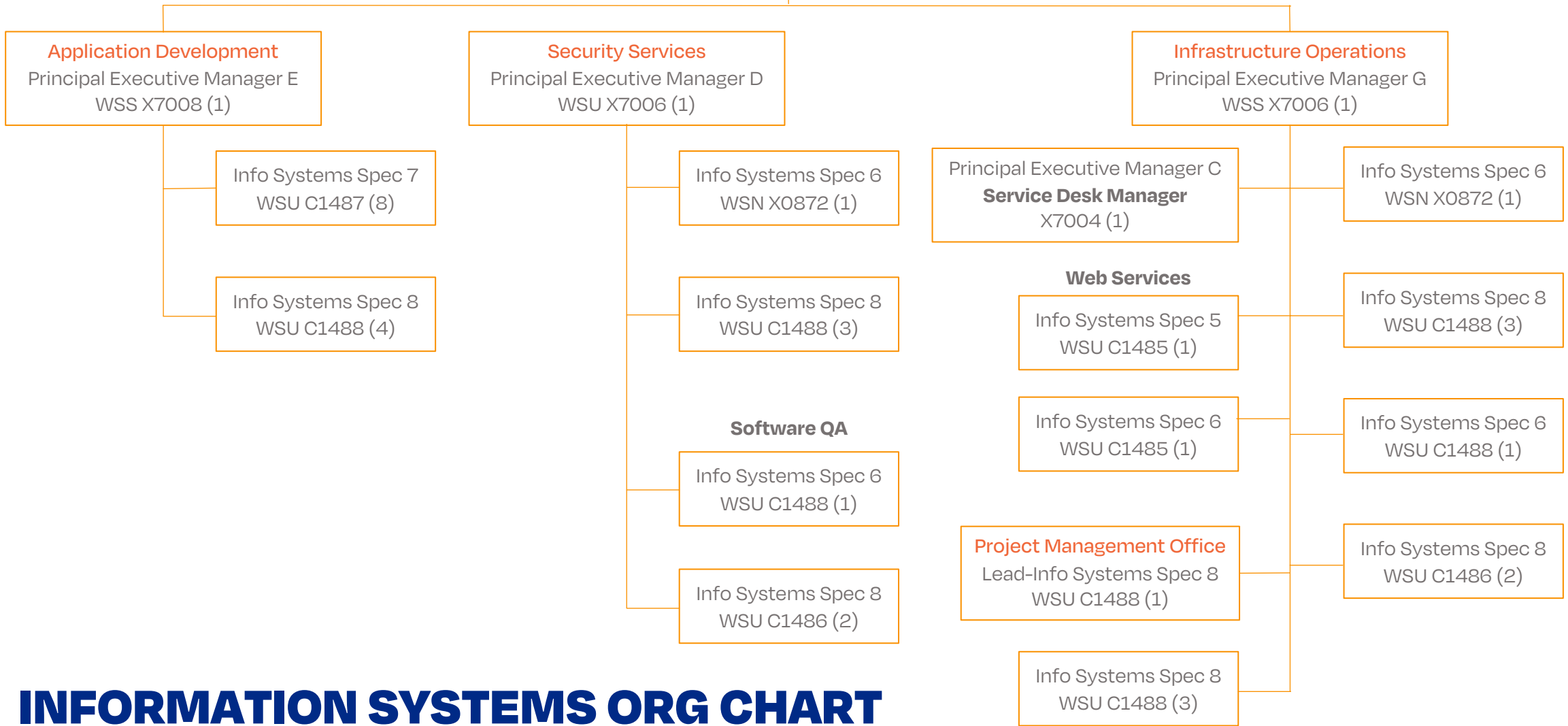
OUR MISSION:

- **Chief Elections Officer** ensuring election integrity
- **State Auditor** of public funds ensuring maximum value of tax dollars
- **Chief Business Advocate** building a prosperous Oregon economy
- **State Archivist** preserving Oregon public records and shared history

INFORMATION SYSTEMS DIVISION VALUES:

- **Results.** We will provide superior design, implementation, operation, and protection of Agency systems.
 - **Customer Service.** We strive to exceed expectations in every interaction with our customers.
 - **Leadership.** We seek creative solutions that will lead to serving as the technology standard.
 - **Employee Growth.** We value and provide each employee with opportunities for personal and professional growth.
- 

Chief Information Officer
Principal Executive Manager G
WSS Z7012 (1)



INFORMATION SYSTEMS ORG CHART

SOS – CUSTOM BUILT APPLICATIONS

ELECTIONS:

- Election Night Reporting
- Oregon Central Voter Registration
- Oregon Motor Voter
- Oregon Election System for Tracking and Reporting

CORPORATION:

- Oregon Business Registry
- Business Entity Registration Information
- Notary
- Uniform Commercial Code
- Business Information Center

ISD



ARCHIVES:

- Oregon Administrative Rules Database
- Oregon Historical Records Index
- Public Records Search

AUDITS:

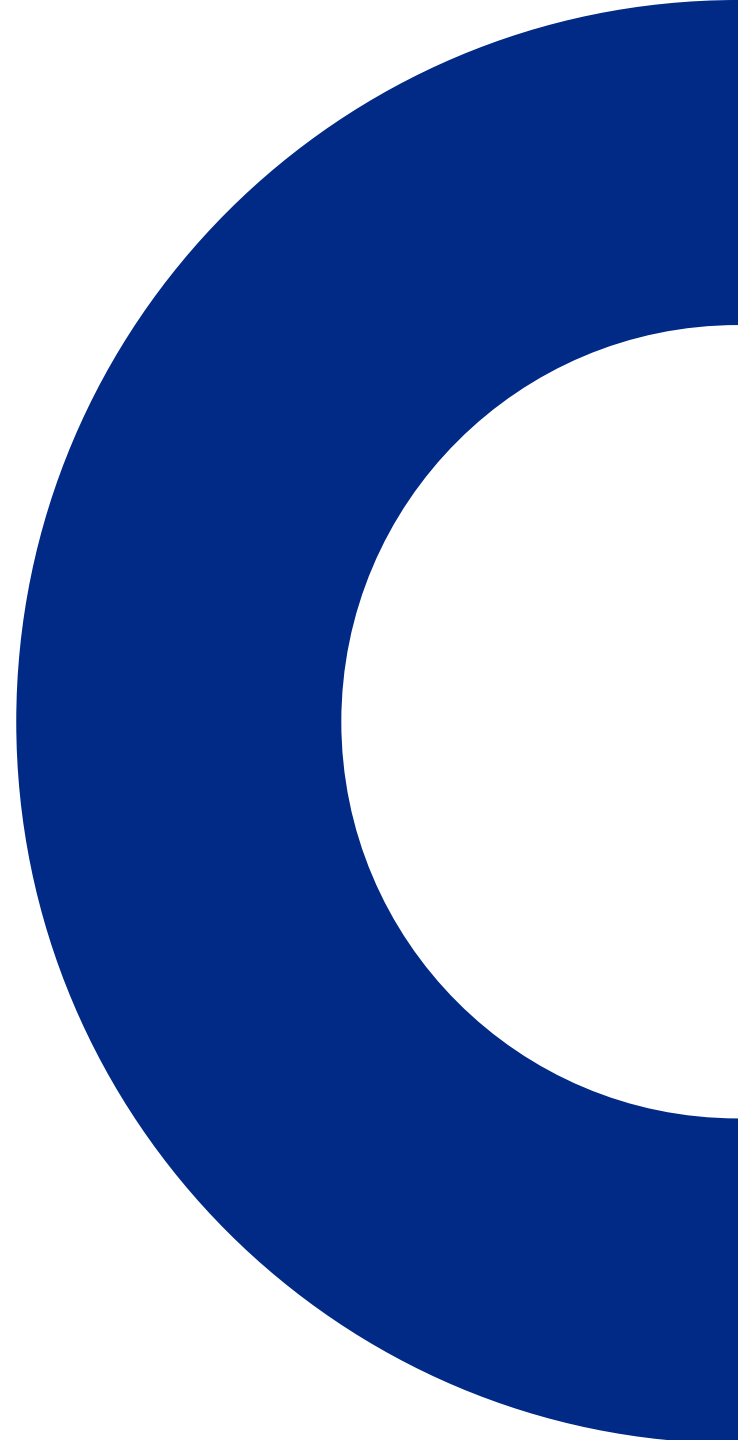
- Municipal Filing Application

ADMINISTRATION:

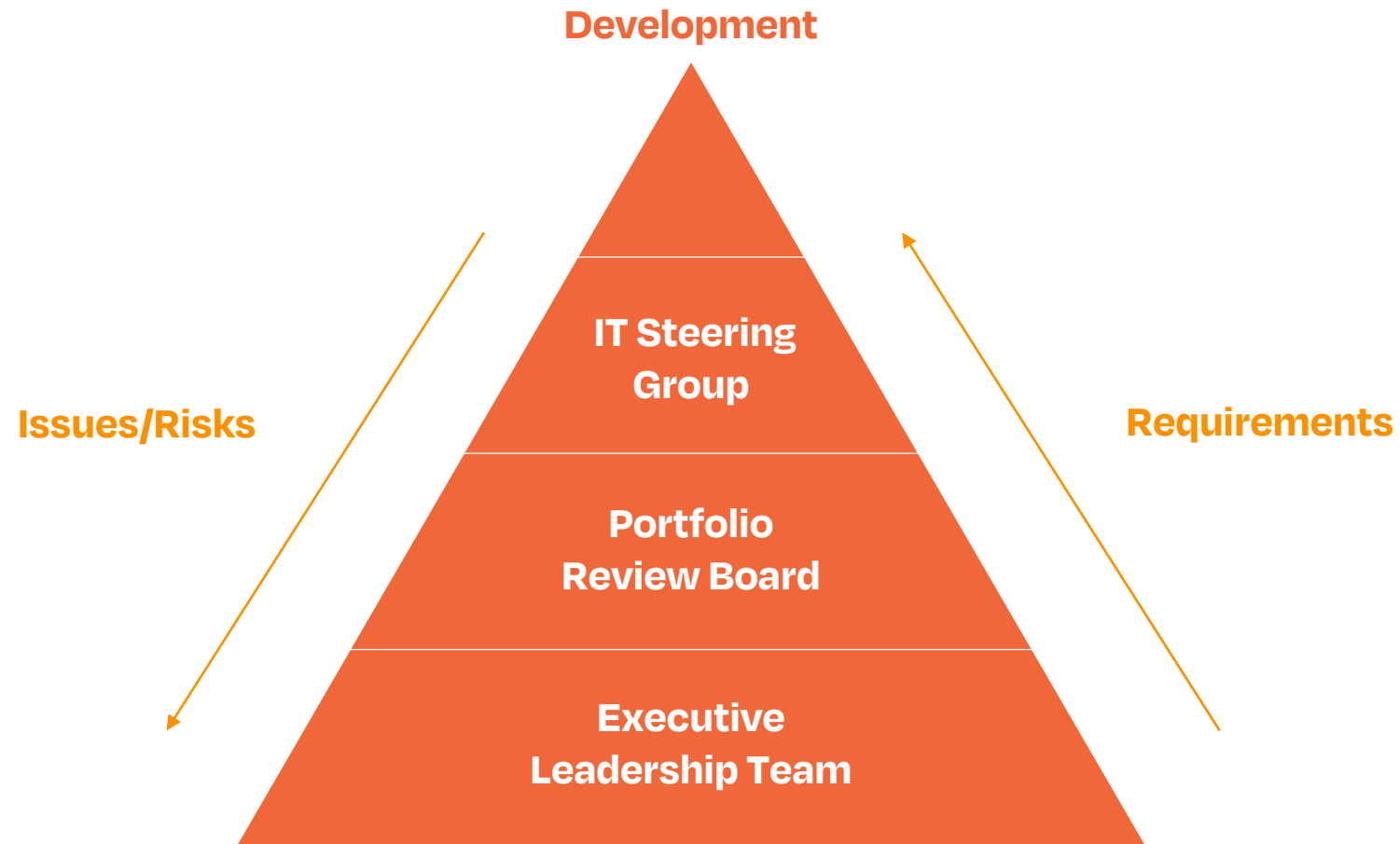
- Deposit Interface System
- Oregon Identity Manager

FRAMEWORKS

- Control Objectives for Information and Related Technologies (COBIT)
- IT Infrastructure Library (ITIL)
- National Institute of Standards and Technology (NIST)
- Cybersecurity Framework 1.1
- International Standards Organization (ISO) 27000
- Project Management Institute (PMI)



GOVERNANCE



GOVERNANCE CONT.

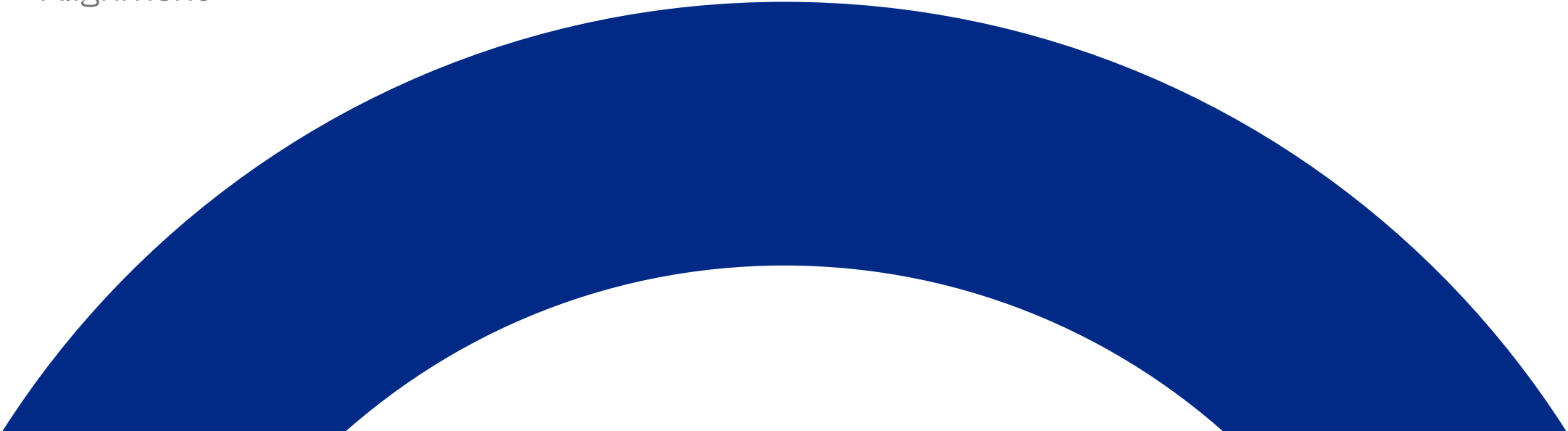
PROJECT GOVERNANCE:

- Project Intake
- Portfolio Review Board
- Business Value
- Capacity Planning
- Prioritization
- Alignment

PROJECT PORTFOLIO MANAGEMENT:

- Resource Management
- GASB-51 Asset Management
- Communication

PROJECT MANAGEMENT:

- Stage Gate Approvals
 - Scope, Schedule, Cost
 - Bug Tracking
- 

BUDGET

	2019-2021 (LAB)	2021-2023 (ARB)
Total Funds ISD Budget	\$15,096,890	\$19,306,794
General Fund (GF)	\$2,706,848	\$3,093,920
Other Fund (OF)	\$12,390,042	\$16,212,874
Package 105 (Data Center)	*	\$1,346,000 (OF)
Package 106 (Managed Defense and Prevention)	*	\$600,000 (OF)
Package 118 (IT Staffing)	*	\$1,570 (GF) \$15,192 (OF)

19-21 MAJOR ACCOMPLISHMENTS

- O365 rollout
 - 2FA
 - Office Upgrade
 - MS Teams Rollout
- Active Directory Implementation
- Remote working support
- Expanded Splunk data ingestion and alerting
 - Integration with OCVR for alerts and reporting
- Identity Services Engine (ISE) Appliance
- HB2325 Electronic Notices (GreenArrow)
- Intranet Redesign
- Digital Faxing
- Endpoint Detection and Response (EDR)
- Albert Sensors installed in counties
- VPN client implementation
- BERI rewrite and implementation
- Mobile Device Management (MDM)

FUTURE STRATEGIC INITIATIVES

OCVR Strategy

Weblogic upgrade

Database upgrade

VMWare upgrade

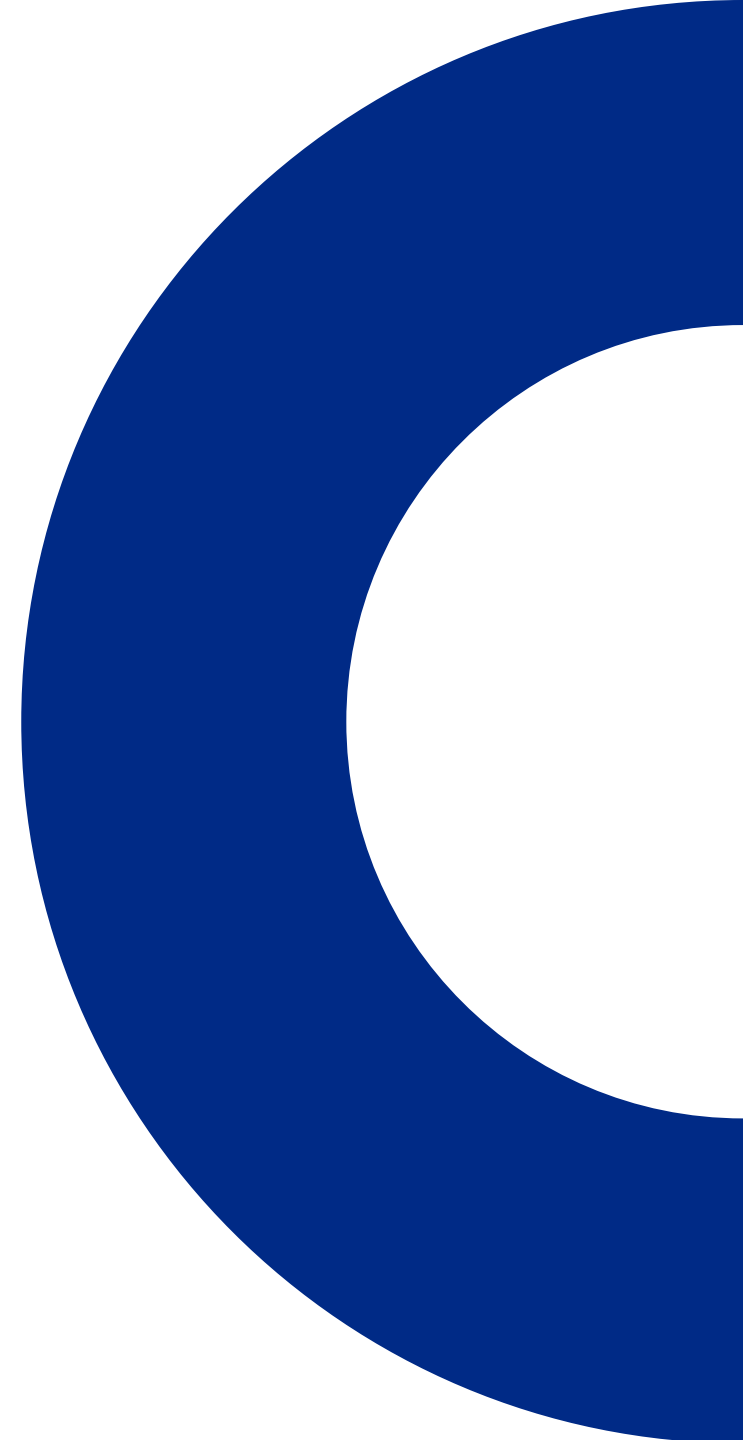
Virtual Desktop Infrastructure (VDI)

Expand endpoint protections (VPN and Firewall as a service)

Implement Center for Internet Security (CIS) benchmarks

Remote client Nessus Vulnerability Scans

Tape Library Replacement





POLICY OPTION PACKAGES

POP 105 – DATA CENTER:

\$1.34M (OF)

Cost includes a phased approach for hybrid-model cloud solutions in order to reduce agency risk and overall costs. Cost also includes continued maintenance and support renewals for IT operations.

Phase 1 will include:

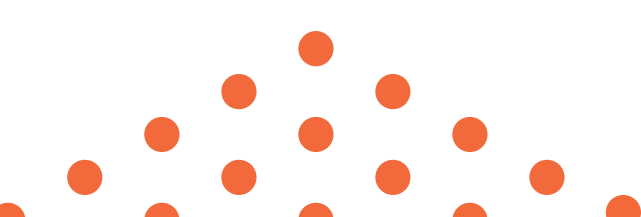
- VMware virtualized server platform and hosting (CoLo)
- Network Attached Storage (CoLo)
- Oregon Identity Manager (SaaS)
- FileMaker (SaaS)

POP 106 – MANAGED DEFENSE AND PREVENTION:

\$600K (OF)

The intent of this effort is to provide funding to procure services of a cloud security services partner for Managed Defense and Prevention security to increase protection, defense and resiliency of the Secretary of State's critical information technology networks, data and hardware assets.

This includes:

- Endpoint Detection and Response (EDR) deployment
 - 24/7 remote live monitoring
- 



POLICY OPTION PACKAGES CONT.

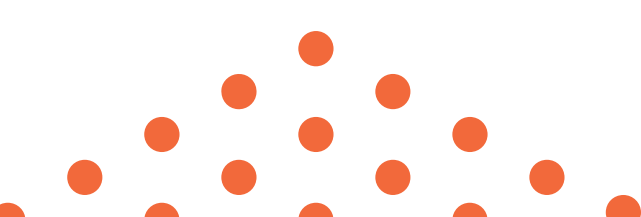
POP 118 – STAFFING TRUE-UP \$15K (OF) | \$1.5K (GF)

This package request will true-up staffing budget allocation for two positions with increased responsibilities and duties

Information Systems Specialist (ISS) 5 to an Information Systems Specialist (ISS) 6

- This position is responsible for the planning, design, implementation, and operation of centralized software and hardware services, acting as infrastructure project support to introduce new technology to the agency, and working with vendors to plan and implement system upgrades and new technology.

Information Systems Specialist (ISS) 7 to an Information Systems Specialist (ISS) 8

- This position is responsible for providing Database Administration services for the Agency's database applications; ensuring the performance, integrity and security of the Agency database systems are in place; and assisting with design, creation and implementation of these complex databases based on business needs assessment and requirements.
- 

AUDITS AND ASSESSMENTS

Cerium – Information Security Risk Assessment – Dec 2018

SOS / InfoTech – Guided Risk Assessment – Dec 2019

FireEye / Mandiant – MAZE Ransomware Assessment – Nov 2020

Cybersecurity & Infrastructure Security Agency (CISA)

– OCVR Assessment – Dec 2020

CISA – BERI Application Assessment – Jan 2021

Internal SOS Audits review – Currently in progress

COLLABORATIVE PARTNERSHIPS

CIO council

State Information Security Council (ISC)

Threat Information Gathering and
Election Resources (TIGER) Team

- State, DoD, and Federal Legal,
law enforcement, and intelligence
agencies

Cyber workgroup:

- State and local government and
National Guard

Elections Infrastructure Information
Sharing and Analysis Center (EI-ISAC)

Multi-State Information Sharing and
Analysis Center (MS-ISAC)

QUESTIONS?

