Nevada Secretary of State
Francisco V. Aguilar

Joint Interim Standing Committee on Legislative Operations and Elections
Gabriel Di Chiara, Chief Deputy
Mark Wlaschin, Deputy Secretary for Elections

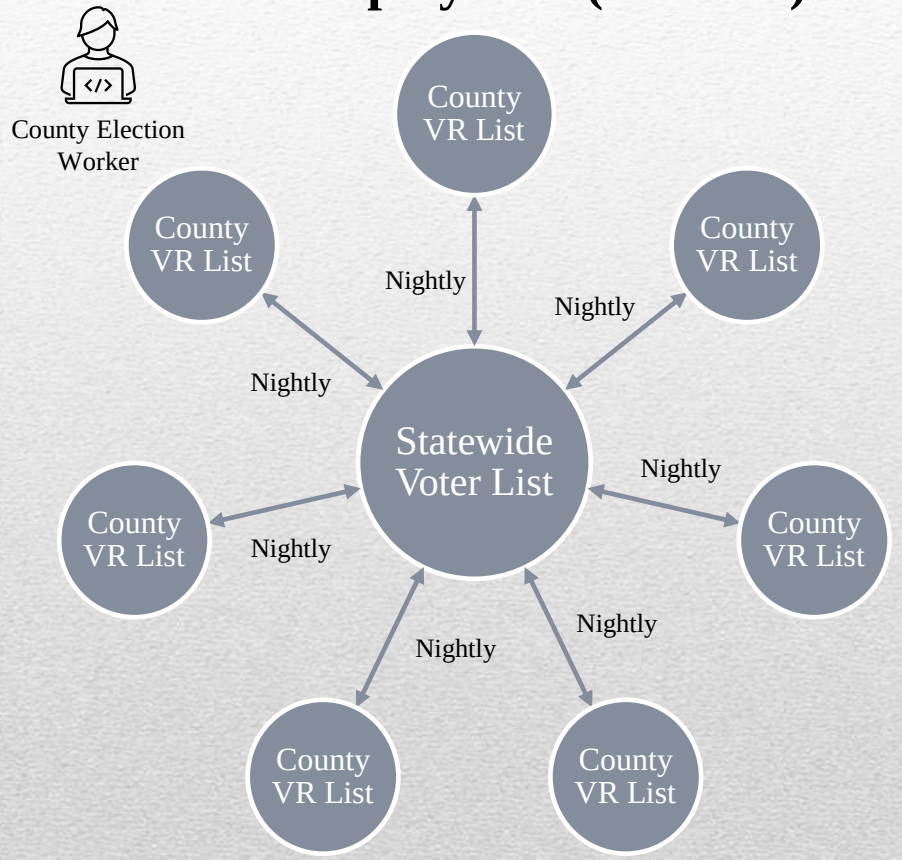
SOS Top-Down Solution

History of VREMS

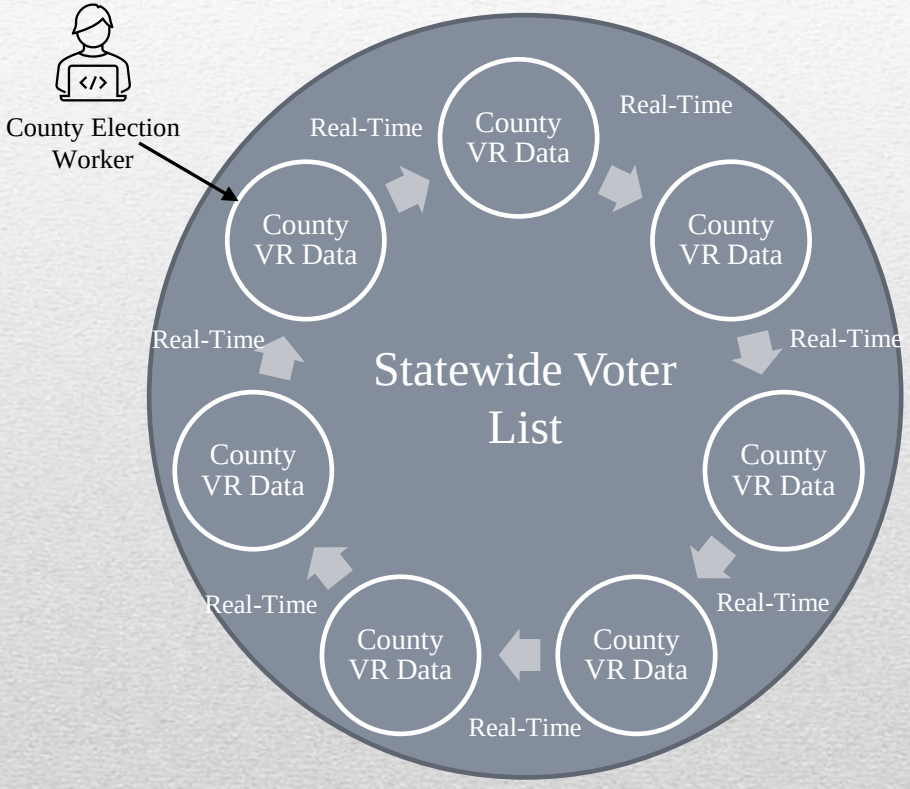
- The Help America Vote Act (HAVA) of 2002 required states to adopt a computerized statewide voter registration list. States responded to this requirement in different ways.
  - Some states adopted a **single, central platform at the state level that connected to terminals in local jurisdictions.**
    - This type of system is typically referred to as a **"top-down"** voter registration system.
  - Some have a state voter registration database **that gathers and aggregates information from their local jurisdictions' voter registration databases.**
    - This type of system is typically referred to as a **"bottom-up"** voter registration system.
  - Others have what is termed **a hybrid system,** a system with a mix of top-down and bottom-up characteristics.
- Directed by the passage of AB422 (2021)
  - "(NRS 293.675) Section 32 of this bill requires the Secretary of State to establish and maintain a centralized, **top-down database that collects** and stores information relating to voter preregistration and registration from all counties."

Top-Down vs Bottom Up

Bottom-Up System (Current)



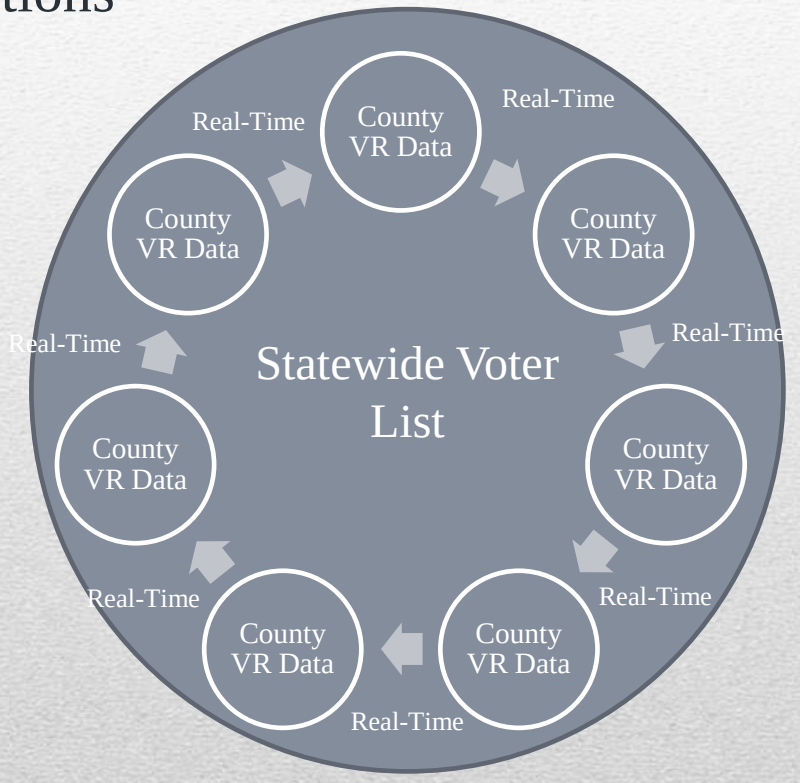
Top-Down System (Future)



Top-Down Benefits

- Reduced time to validate new voter registration applications
- Improved reporting and data for statistical analysis
- Improved reporting accuracy by reducing latencies
- Ability to maintain comprehensive voter history
- Improved service to Nevada Citizens
- Increased Automation and Efficiency gains
- End-to-End Election Management

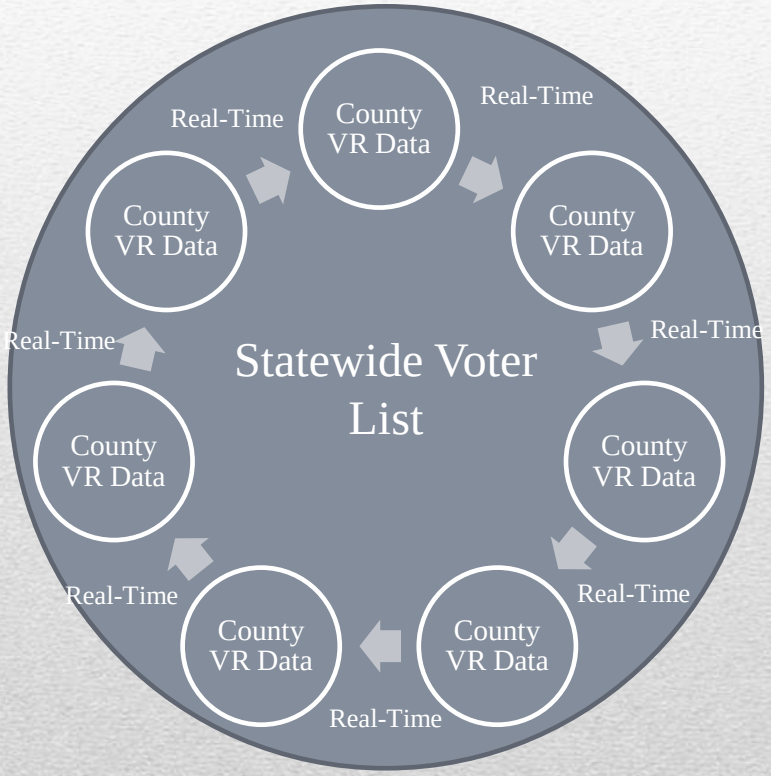
Top-Down System



Increase in Requirements for SOS

- The Top-Down model will shift many responsibilities from the Counties to the State including 20+ business processes that must be established or enhanced.
- Some processes include:
  - County User Support & Training
  - Developing and Enforcing CyberSecurity Plans and Standards
  - Responding to Statewide Records Request
  - Continued System Enhancements & Process Improvement
  - Reporting Requests
- The ongoing support and maintenance of this project will require additional resources, as anticipated.
  - These will be identified as part of the agency budget request during the 2025 Legislative Session.

Top-Down System

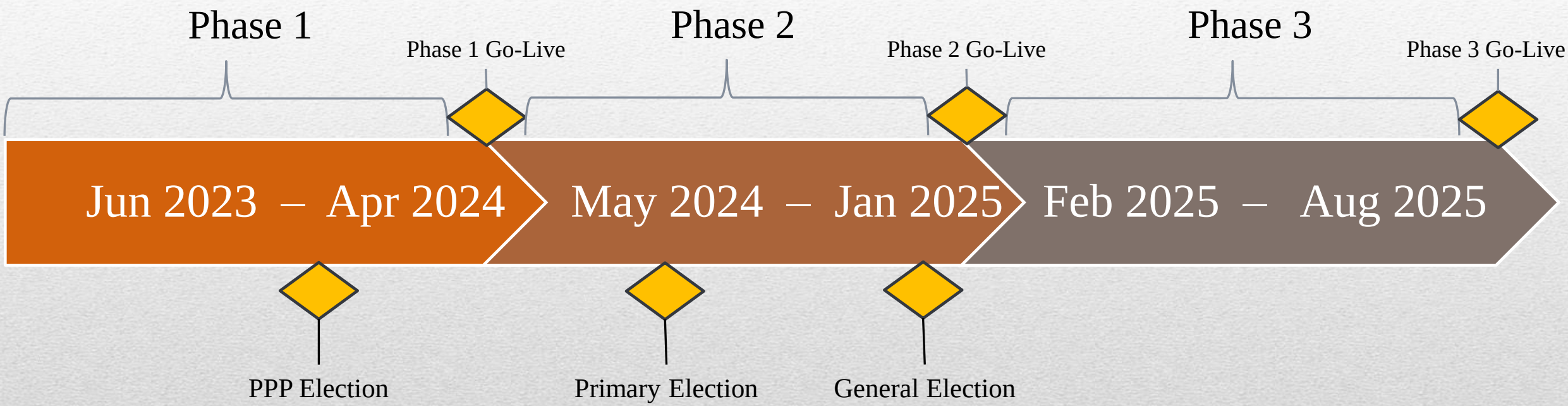


VREMS Scope & Objectives

Objective: Support aggressive timeline, Clark County's parallel implementation, and need to stabilize current election system environment VREMS – 3 phases

- **Phase 1 Modernize**: Limits Scope to the minimum necessary to conduct 2024 election cycle, and focuses on getting 16 of the 17 Counties on VREMS and modernizing systems across the State (Pollbooks)
- **Phase 2 Optimize:** Includes a new online Election Portal for enhanced citizen engagement, improving common elections processes, and enhancing communication between the State System and Clark's System
- **Phase 3 Centralize:** Launch additional features to support Clark County's inclusion into the State's Ecosystem, further optimized top-down processes.

Project Timeline



Phase 1 - Functionality

Phase 1 – Modernize Elections Systems with Minimum Viable Product (MVP):

Design and implementation of core top-down Voter Registration and Election Management solution. Minimal voter visibility as foundation work consists of infrastructure and data migration.

What's Included:

- KNOWiNK's TotalVote core solution
  - Administered by the State of Nevada
  - Utilized by all but Clark county
  - Statewide GIS map support for voters, precincts, precinct splits, districting
  - Interfaces with state systems and voting equipment
  - Data conversion & migration from county legacy systems
- Establish a centralized elections support center within the SOS office

Phase 2 & 3 Functionality

Phase 2 - Optimize:

Once live this will have more visibility for the voter by allowing the ability for voters to update their registration information online and viewing election results in more real time reporting

What's Included:

- **Voter Information Portal** – Web based portal modernization
- **Election night reporting** – Near real time election day information
- **Automatic Voter Registration (AVR)** – Interface expansion support for AB432 (2021)
- **Petition Management –** Streamline petition processing for election officials

Phase 3 - Centralized:

Minimal voter visibility, merging of Clark county database to be a truly top-down voter registration system; added functionality for poll worker management.

What's Included:

- **TotalVote Merge** – Merge Clark County database with state.
- **Poll worker management** - Module implementation
- **Campaign Financing** – Tools for filing and viewing campaign finance information

AVR Expansion

Phase 2 will support the expansion of Automatic Voter Registration directly into TotalVote per AB432 (2021).

- DMV AVR migration to TotalVote
- Health & Human Services AVR expansion
- Standard API interface for designated AVR agencies

*Agency expansion will require additional funding

Interface Migration

Phase 2 will migrate existing state data feeds directly into TotalVote

- Realtime Voter Verification DMV
- Dept of Human Services vital stats updates
- ERIC interstate voter updates

VREMS Team & Roles

- **VREMS PMO Team (3)**
  Manages the VREMS Program including Project Timelines, Implementation Strategies, Resource allocations, 3rd Party Contracts, Milestones, Risk Mitigation and Project Status
- **Help Desk Team (5)**
  County/State TotalVote and integrations support for technical and election processing. First-line of ticket priority triage and resolution management. These resources are also leverage to support smaller counties without on-site support.
- **System & Database Structure Team (4)**
  The Solutions Architect, Database Administrators and technical specialist collaborate to define and construct a secure system with an efficient process model.
- **Quality Team (2)**
  Manages the Testing, Defect management, Release strategies of Systems development functionality. The Team ensures the program development meets the defined requirements.
- **Change Management Team (5)**
  Training & Strategy Plan including to short & long-term strategies. Team has integration points with Quality and Help Desk teams primarily but also must understanding counties needs to have the curriculum that aligns.
- **SME's (4)**
  Election Subject Matter Experts that are the ***conduit*** between the new solution and the counties. They are instrumental is communicating the Election process not only all the Teams above but being the primary voice to the counties.

** Independent oversight through contract with Gartner, Inc.

VREMS Program Approach

VREMS Methodology – The Planning and organizing of resources to move Tasks, Events, and Milestones to a successful completion while managing & mitigating risks.

Project Management Tools

- Project Plan
- Communication Plan
- Development to Testing Process
- Testing Metrics Dashboard
- Testing & User Guides
- Training Plan
- Pre-Mock & Mock Election Plan
- Security Plan
- Deployment Plan

VREMS Finance

Budget Funding Sources		Remaining
HAVA	$ 5,525,802	$ 2,949,659
VREMS	$ 25,000,000	$ 22,407,165
KI Contract Contingency Funds *	$ 420,000	$ 329,361

* KI Contingency - $90K is included in the KI and Hardware actuals below. Included in VREMS but called out seperately for tracking.

Description	Budget Source	Budget	Actuals	%	Remaining
Staffing	VREMS	**$ 12,875,000**	**$ 1,693,612**	**13%**	**$ 11,181,388**
Current Staffing			$ 1,618,637		
Travel and Associated Costs			$ 74,975		
Knowink and Hardware / Software & Lic.	VREMS / HAVA	**$ 15,333,084**	**$ 2,622,643**	**17%**	**$ 12,710,441**
PollPads	HAVA	*$ 1,903,470*	*$ 2,227,643*	*117%*	
Polll Pad Overage	* KI Contingency	*0*	*$ 90,639*	*22%*	
Project 1 Phase 1 Deliverables	HAVA	*178500*	*$ 178,500*		
Software Licensing	VREMS	*$ 225,000*	*$ 225,000*		
Gartner	VREMS	**$ 1,601,000**	**$ 550,000**	**0%**	**$ 1,051,000**
Misc. (PPM, etc.)	VREMS	**$ 649,671**	**$ 123,245**	**19%**	**$ 526,426**
GIS Services and Tools			*$ 3,675.00*		
PPM Assessment (Carasoft)			*$ 50,729.20*		
ArcGIS			*$ 1,000.00*		
	Total Budget:	**$ 30,525,802**	**$ 4,990,478**	**16%**	**$ 25,535,324**

*As of Jan 31, 2023

Questions?

Contact the Elections Division

Phone: (775) 684-5705

Email: nvelect@sos.nv.gov