

Why Not Vote in Your Bath Robe?



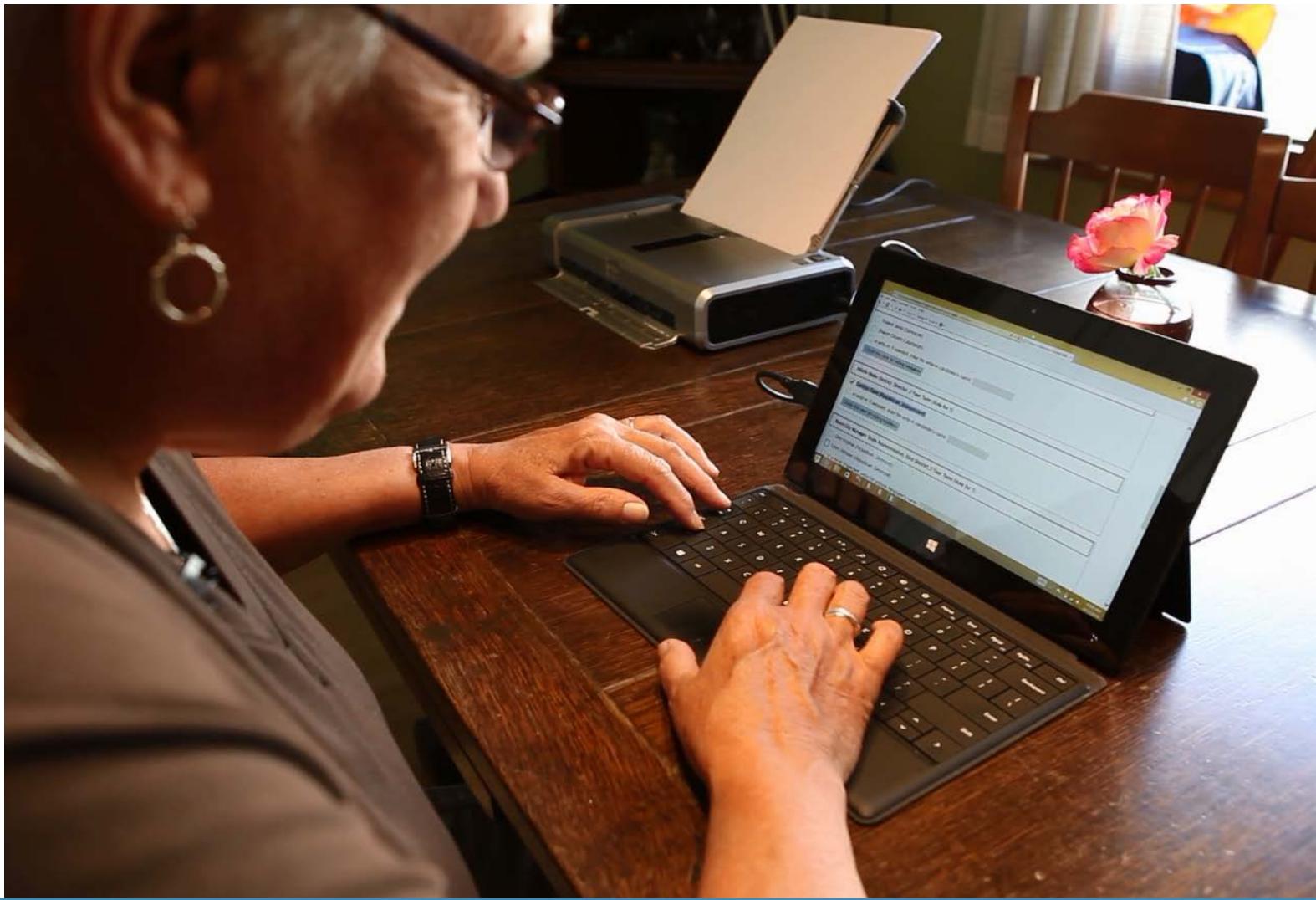
Remote Accessible Vote By Mail

*Empowering Voters to Vote
Remotely, Independently,
and in Private*

John Schmitt



What We're Talking About ...



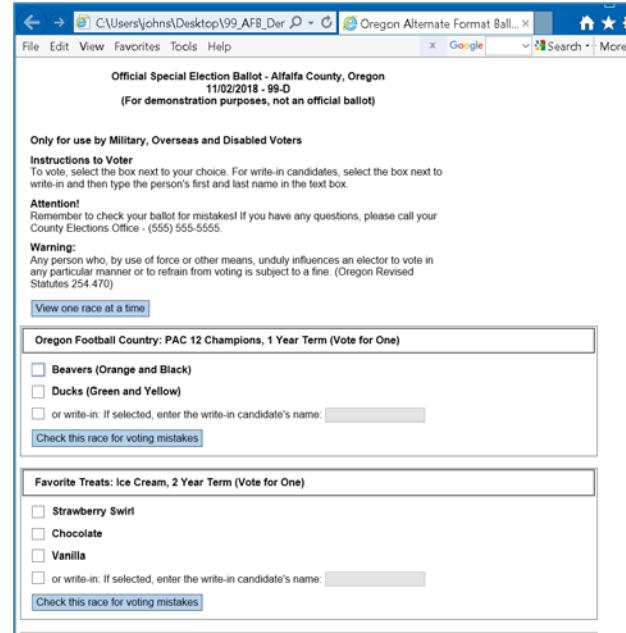
HAVA 2002 -> 49 States

- Law required states to provide:
 - Physically accessible polling place
 - At least one accessible system per polling place
- Voters had to be able to vote:
 - Independently
 - In private

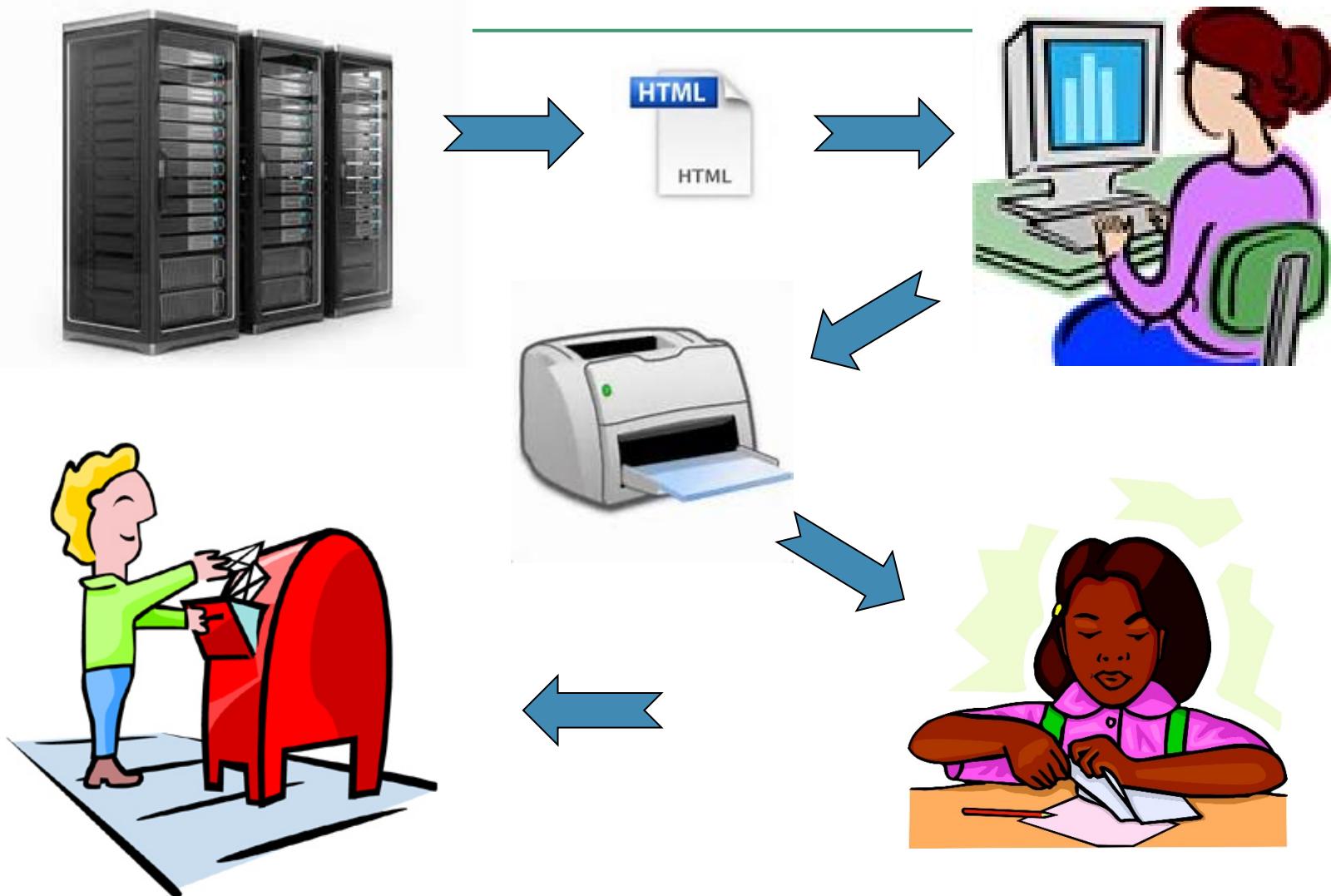


HAVA 2002 -> Oregon = VBM

- Law required Oregon's 36 county offices to:
 - Polling place had to be accessible
 - Needed one accessible system (PC) per polling place
 - Voters had to be able to vote:
 - Independently
 - In private
 - Created AFB to augment existing VBM system

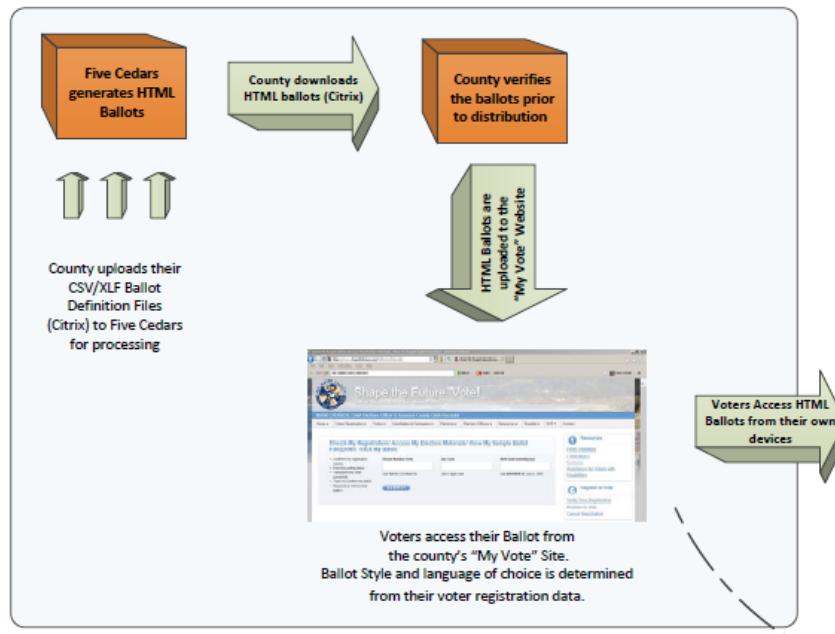


What's an Alternate Format Ballot?

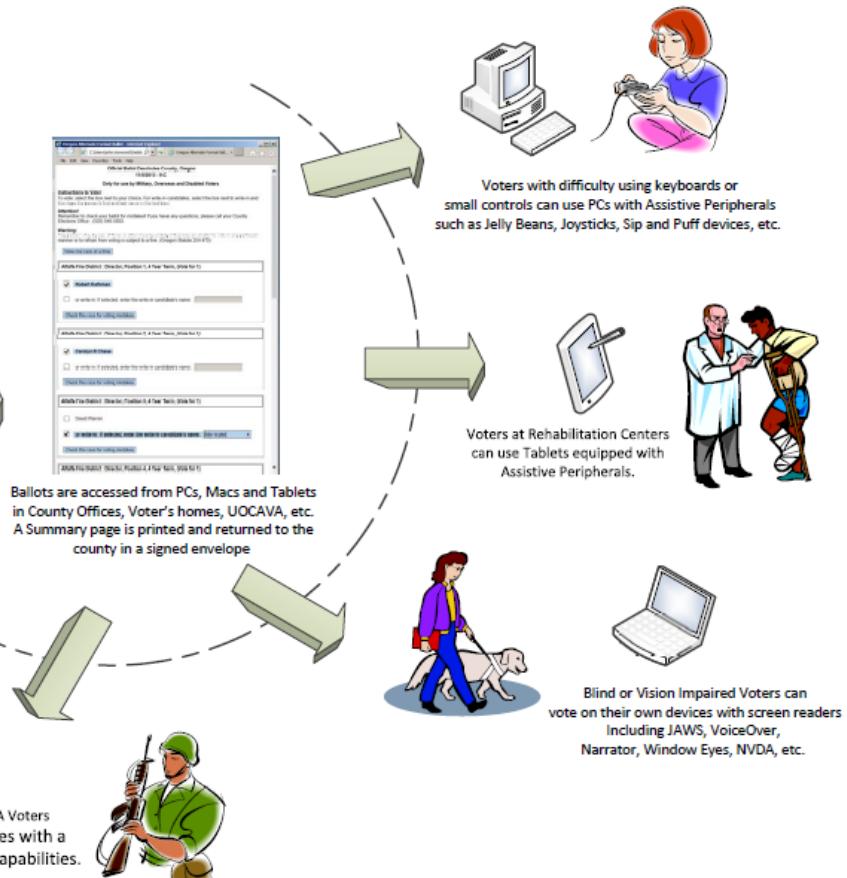


Alternate Format Ballot (AFB) Process Diagram

Ballot Generation Process



Personas of Voters Served



Generating HTML Ballots

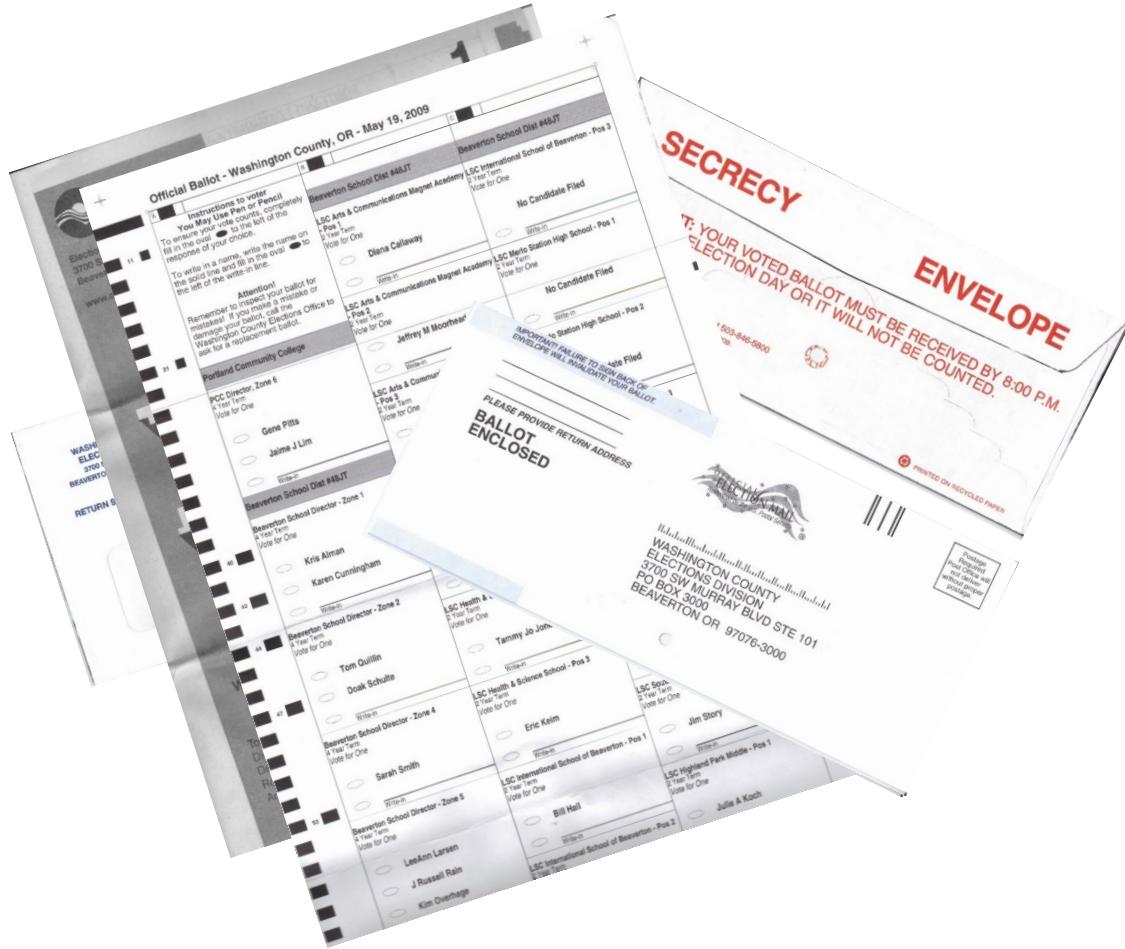
- Ballots Generated from:
 - EMS exported CSV Ballot Definition files
 - County's XLF translation files
- Multiple Ballot Styles (no limit)
- Multiple parties (no limit)
- Multiple Languages (currently 10)



Delivered to Voter's Home



What Comes in the Mail?



Summary Returned by Mail

Oregon Alternate Format Ballot - 99-D

Official Special Election Ballot - Alfalfa County, Oregon
11/02/2018 - 99-D
(For demonstration purposes, not an official ballot)

Page 1 of 1

673672

Summary of Votes

Oregon Football Country: PAC 12 Champions, 1 Year Term (Vote for One).
You voted for: Ducks (Green and Yellow)

Favorite Treats: Ice Cream, 2 Year Term (Vote for One).
You wrote in: Rocky Road

Favorite Foods: Pizza Toppings, 3 Year Term (Vote for Two).
You voted for: Pepperoni
You voted for: Black Olives

College Football: Ballot Measure 99-01 - To Move the Start Times of all Duck and Beaver Football Games to 6:00 PM.
You voted: Yes

End of Summary Page

2/14/2017

http://www.fivecedarsgroup.com/99_AFB_Demonstration_Ballot.html



How Do I Get My HTML Ballot?

Welcome to ORESTAR ! - Internet Explorer
https://secure.sos.state.or.us/orestar/vr/showVoterSearch.do?lang=engt

File Edit View Favorites Tools Help

Welcome to ORESTAR
February 22, 2016 (Version

Oregon Secretary of State

Home Business Voting Elections State Archives Audits

My Vote

Search criteria
Please enter the following information to check or update your voter registration or track your ballot.

First Name

Last Name

Date of Birth (mm/dd/yyyy)

Language
English
Español

Disclaimers:
• Voter information updated on 02/21/2016.
• If your information is confidential, contact your **county elections official** to confirm your registration status.

Submit Reset Cancel

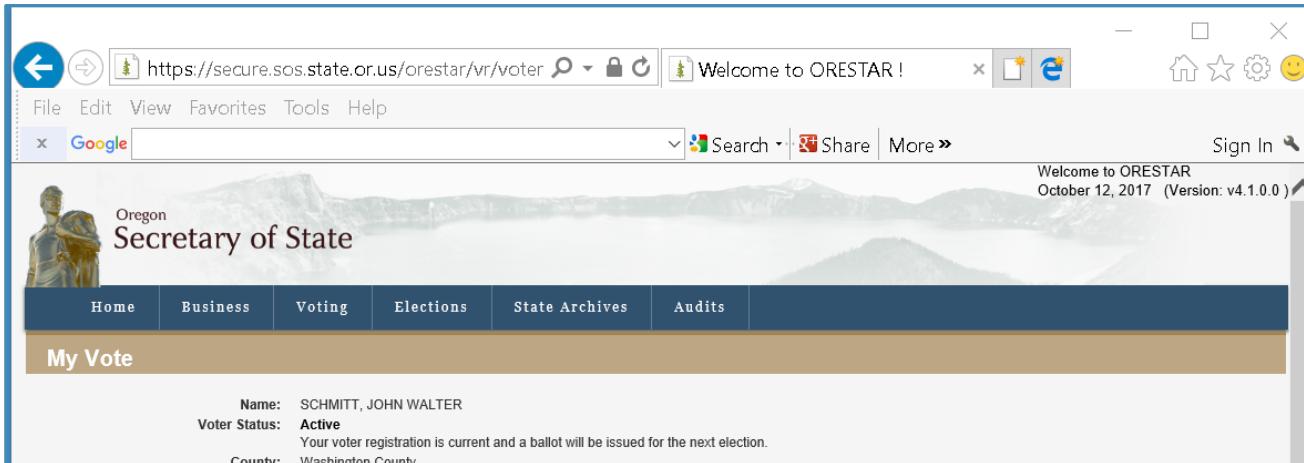
Privacy Policy Accessibility Policy Oregon Veterans Oregon.gov

Elections Division • 255 Capitol St NE, Ste 501 • Salem, OR 97310
Phone: 503-986-1518 or 1-866-673-VOTE • Fax: 503-373-7414 • orestar-support.sos@state.or.us

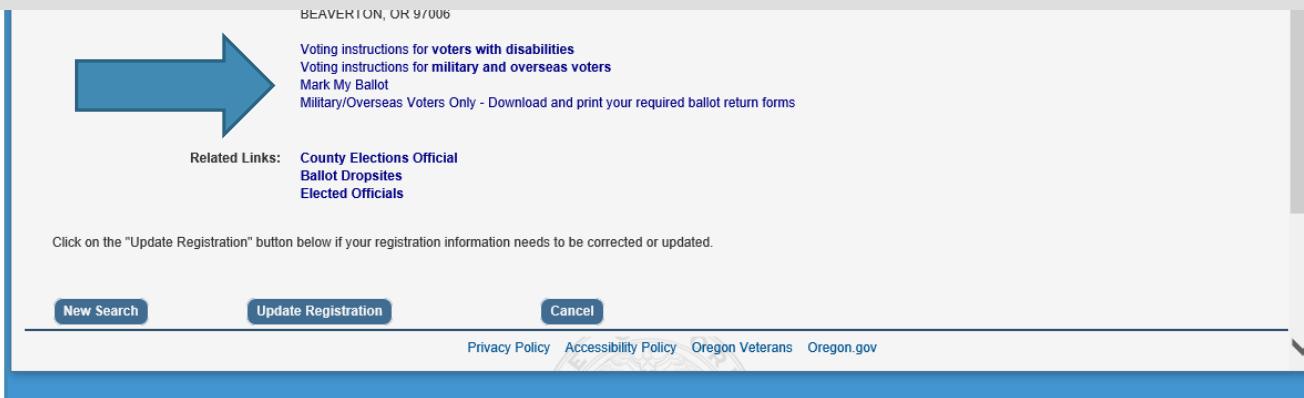
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How Do I Get My HTML Ballot?



http://www.sos.state.or.us/elections/pages/ballots/11072017/Washington/34_AFB_371-1.html



Let's Mark a Ballot!!!

Official Special Election Ballot - Alfalfa County, Oregon
11/02/2018 - 99-D
(For demonstration purposes, not an official ballot)

Only for use by Military, Overseas and Disabled Voters

Instructions to Voter
To vote, select the box next to your choice. For write-in candidates, select the box next to write-in and then type the person's first and last name in the text box.

Attention!
Remember to check your ballot for mistakes! If you have any questions, please call your County Elections Office - (555) 555-5555.

Warning:
Any person who, by use of force or other means, unduly influences an elector to vote in any particular manner or to refrain from voting is subject to a fine. (Oregon Revised Statutes 254.470)

[View one race at a time](#)

Oregon Football Country: PAC 12 Champions, 1 Year Term (Vote for One)

Beavers (Orange and Black)
 Ducks (Green and Yellow)
 or write-in: If selected, enter the write-in candidate's name:
[Check this race for voting mistakes](#)

Favorite Treats: Ice Cream, 2 Year Term (Vote for One)

Strawberry Swirl
 Chocolate
 Vanilla
 or write-in: If selected, enter the write-in candidate's name:
[Check this race for voting mistakes](#)

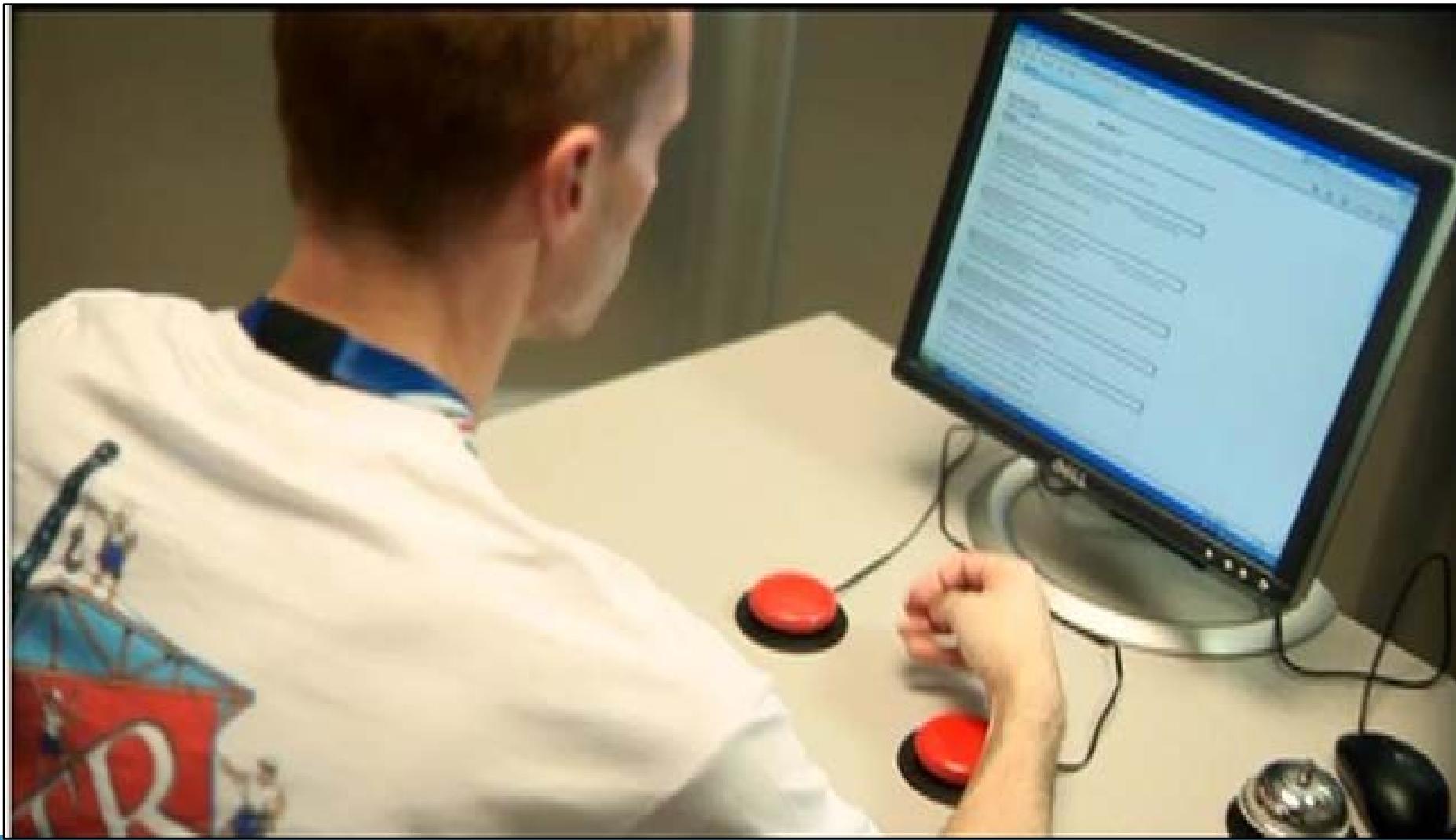


Try It Yourself

www.tryvoting.org



Bi-model Access Allows AT



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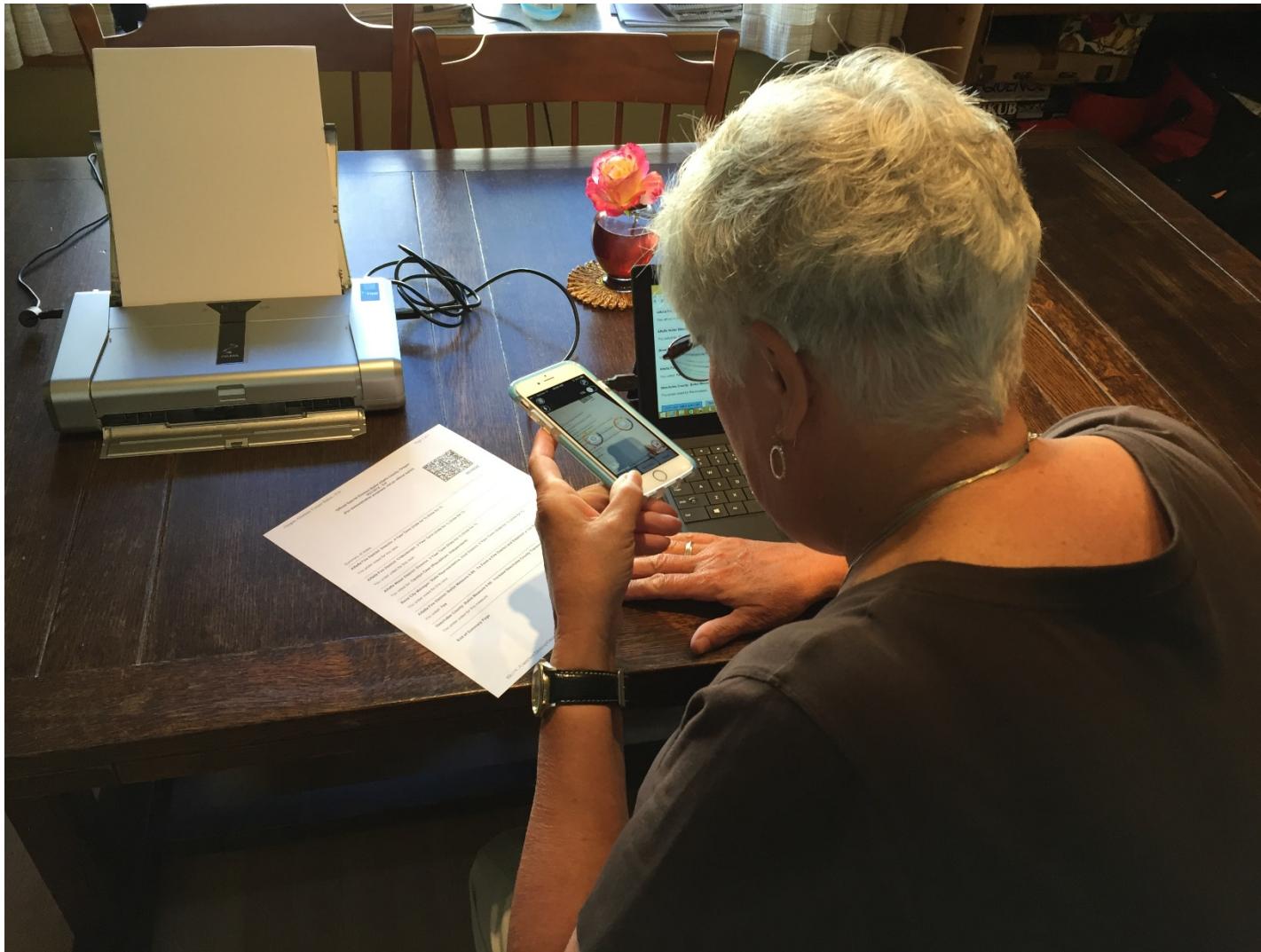
2/14/2017

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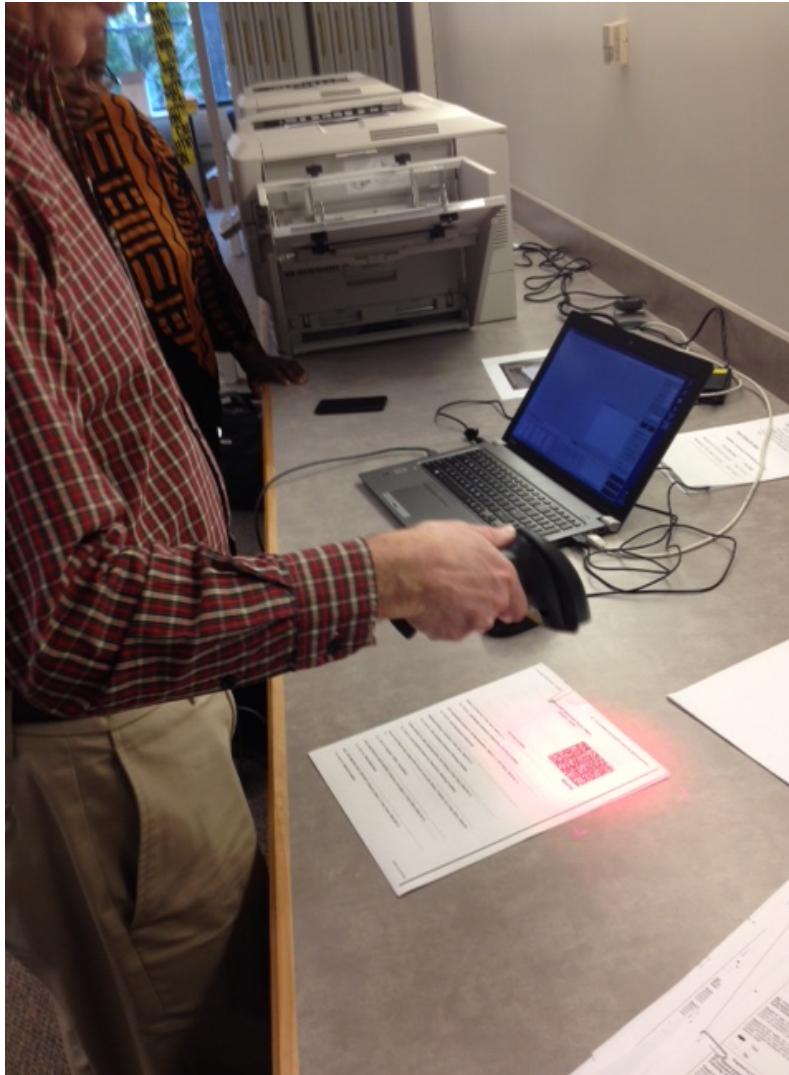
Printed Summary Page



Blind Voters Can Verify Votes



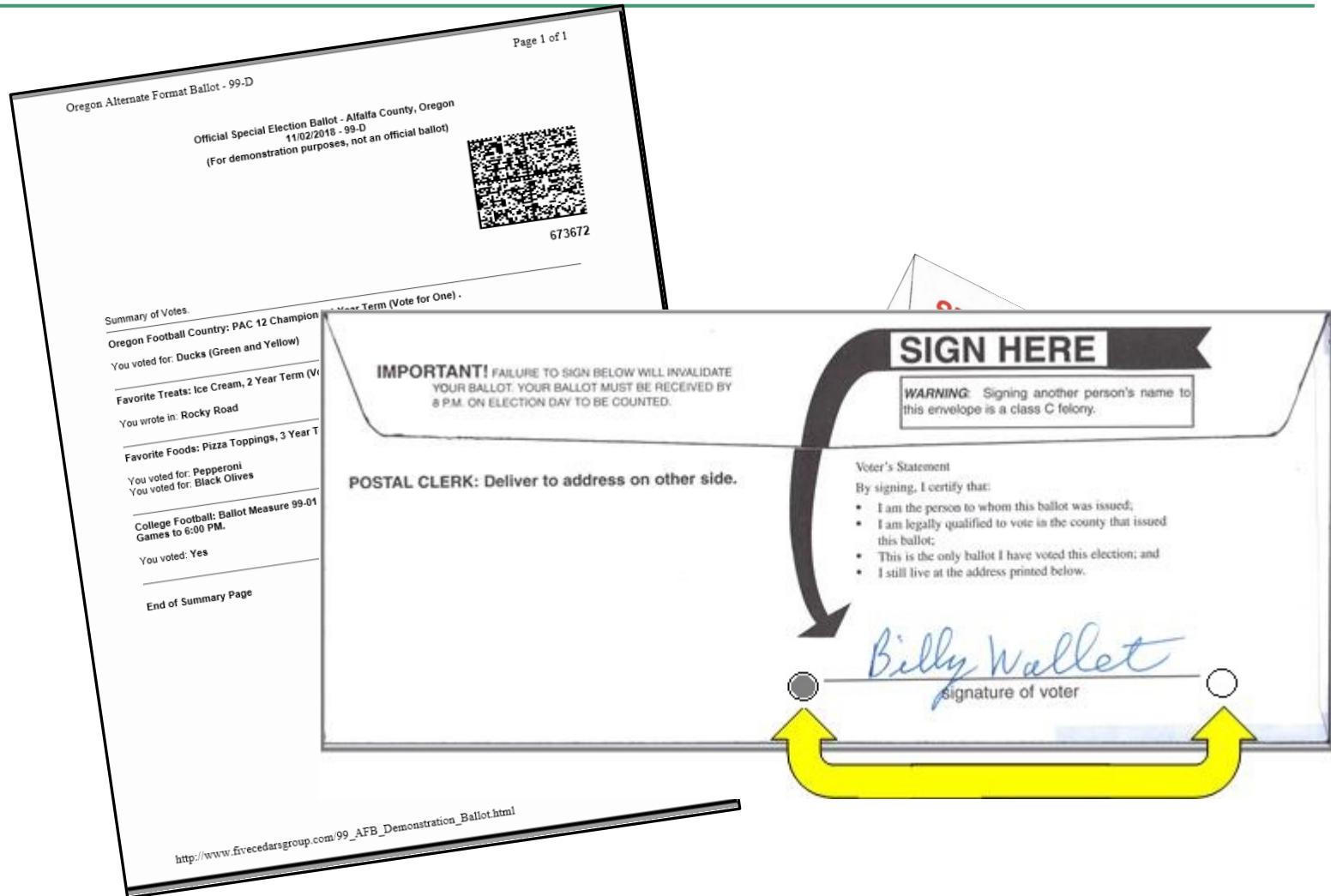
Ballot on Demand Integration



- Supported by ES&S and Runbeck BOD's
- Prints scan-able ballot with voter's choices
- Unique, random number prevents duplicate scanning.



Summary Returned by Mail

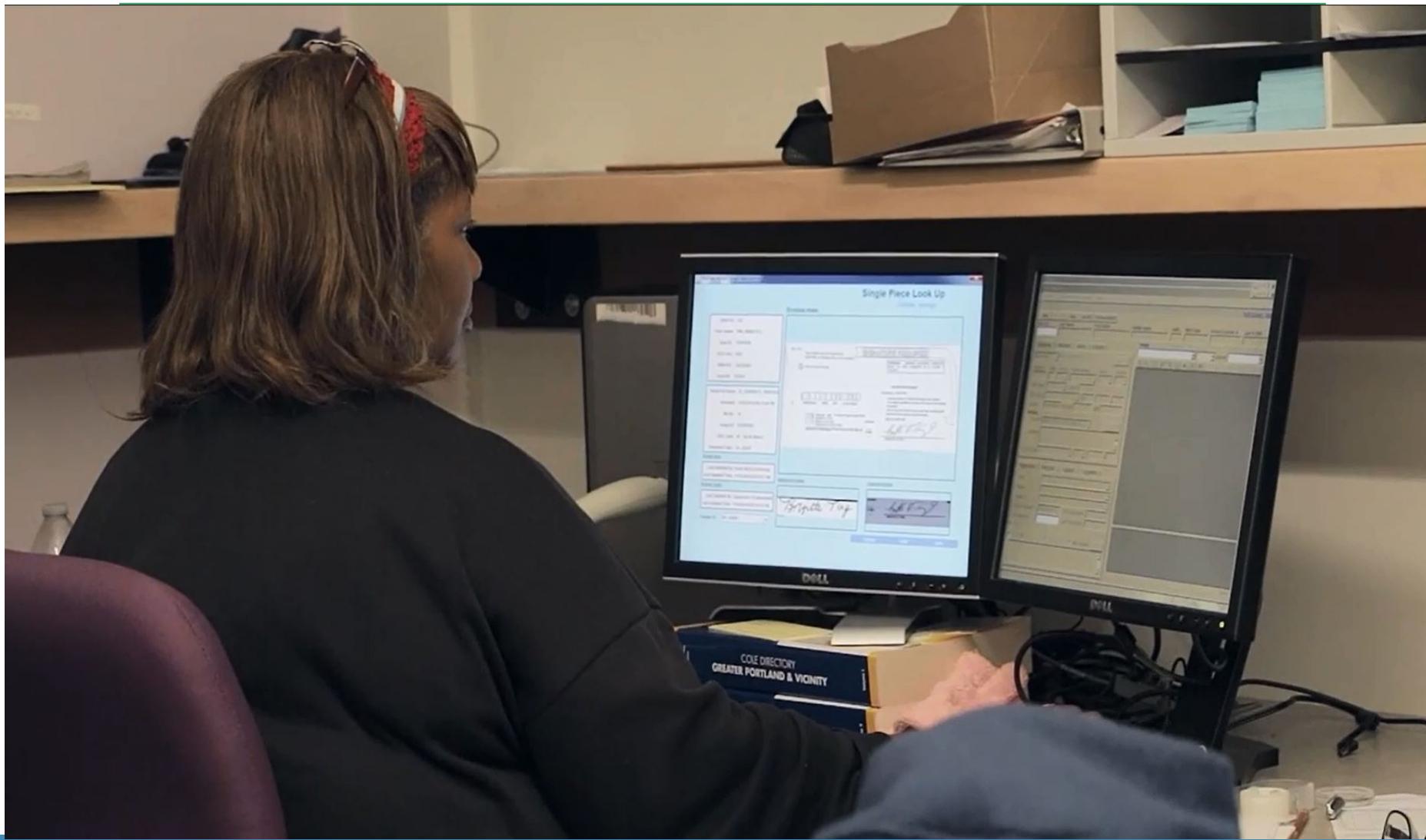


RAVBM Security

- CSV/XLF File transfers to/from Five Cedars use Citrix ShareFile for secure transfer
- Server security is responsibility of County
- Marked Ballot integrity comes down to voter review of the paper Summary
- *Bottom Line:*
Election integrity same as for any VBM voter



Signatures are Verified



AFB's Used by Oregon Military



Voters Used AFB's during Sandy



Summary

- HTML Ballots work within an existing vote-by-mail or absentee system
- Voters use their own PC's, iPads, etc.
- Voters use their own accessibility tools
- Voters vote in familiar environment - home





ALEX PADILLA | SECRETARY OF STATE | STATE OF CALIFORNIA
OFFICE OF VOTING SYSTEMS TECHNOLOGY ASSESSMENT
1500 11th Street | Sacramento, CA 95814 | Tel 916.695-1680 | Fax 916.653-4620 | www.sos.ca.gov

October 11, 2017

Mr. John Schmitt
Five Cedars Group, Inc.
1500 NW Bethany Blvd, Suite 200
Beaverton, OR 97006

Dear Mr. Schmitt:

Pursuant to California Elections Code section 19281, the California Secretary of State's Office of Voting Systems Technology Assessment performed an examination and review of the Alternate Format Ballot (AFB) V 4.3 remote accessible vote by mail system, which is comprised of the following:

- Alternate Format Ballot Generator V 1.5
- Accessible HTML Alternate Format Ballots V 4.3

Based on the results of the examination and review, the California Secretary of State has conditionally approved the Alternate Format Ballot (AFB) V 4.3 remote accessible vote by mail system for use in California. The conditional approval is subject to the terms in the attached certification document.

Additionally, Alternate Format Ballot (AFB) V 4.3 is subject to California Code of Regulations, Title 2, Chapter 6 Escrow of Source Codes. Compliance is mandatory prior to use in any California Election.

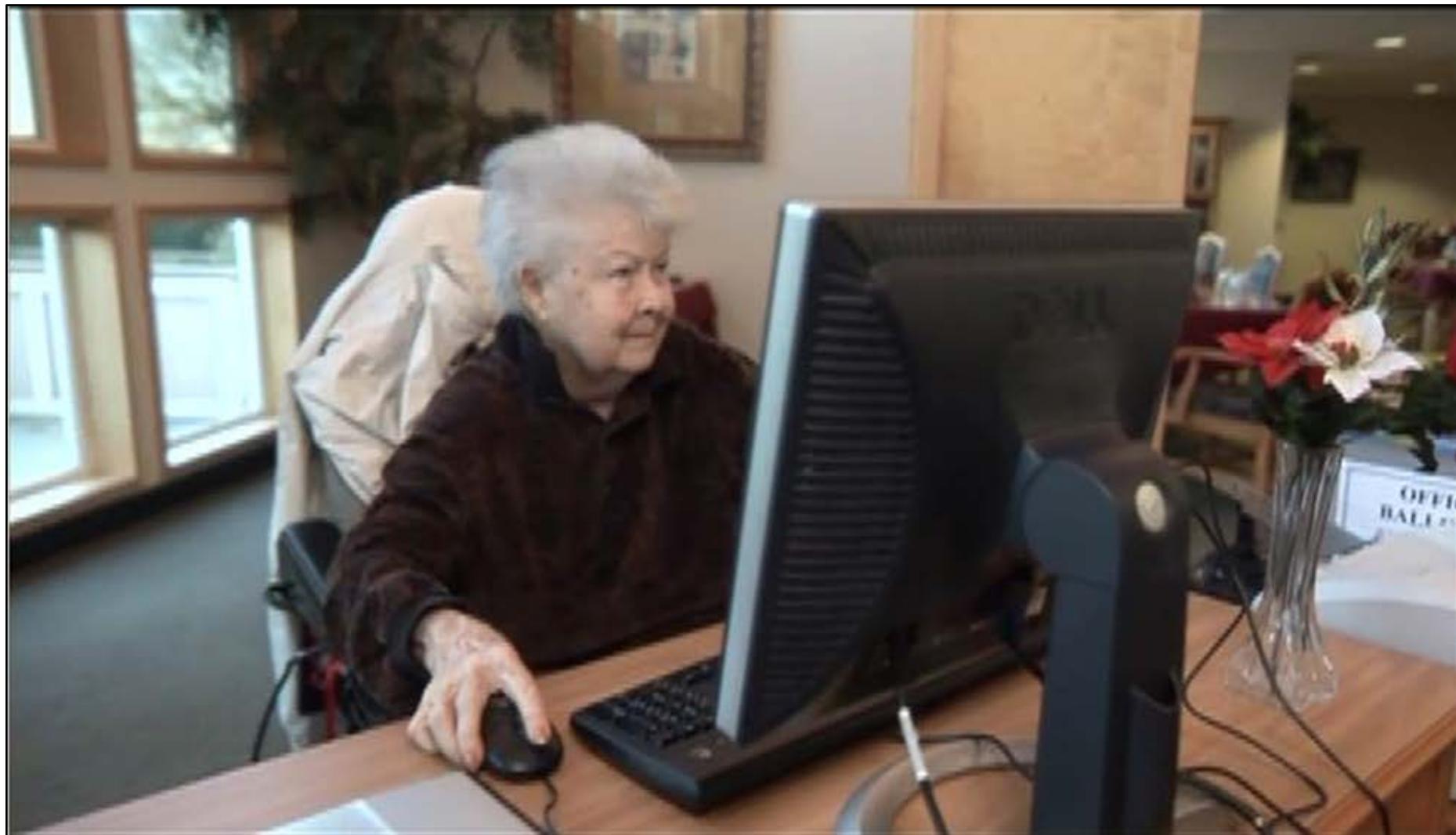
Sincerely,

A handwritten signature in blue ink that reads "Susan Lapsley".

Susan Lapsley
Deputy Secretary of State and Counsel
California Secretary of State



Why Not Vote in Your Bath Robe?



Contact Info

John Schmitt

John.Schmitt@FiveCedarsGroup.com

503-536-1280



