

## Democracy Suite Users Group California CACEO Summer Conference July 24, 2019

#### **CUSTOMER DRIVEN ENHANCEMENTS**

The following describe changes in the 5.10 CA release from customer requests and issue reporting. The following areas are impacted:

- Audio Studio
- Election Event Designer
- Results Tally and Reporting
- Adjudication
- Mobile Ballot Production
- ImageCast Central
- ImageCast X



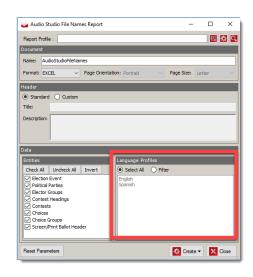
#### **AUDIO STUDIO**

#### Import all audio types at one time

Audio Studio can be used to import human recorded or synthesized audio (independent of EED). Users are now able to import all audio types for a given contest at one time, including:

- Contest Names,
- Review Titles and
- Proposition text,

This will allow for bulk import of all contest elements by object type and language.

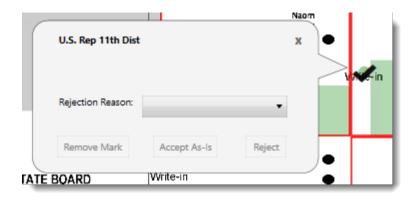






#### **ADJUDICATION**

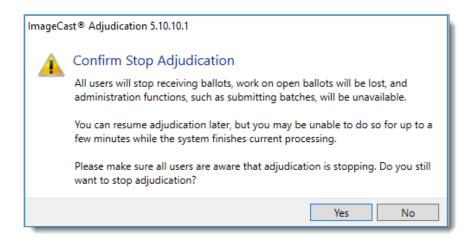
Remove accept as-is when write-in resolution is required

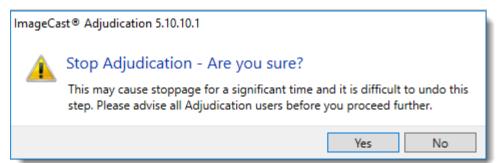




#### **ADJUDICATION**

Multiple confirmation message required to stop adjudication







#### Improved reporting terminology

			Any Cou	inty			
		CA Ce	rt GENERAL	5 10 Version F			
			November 8	3, 2016			
			Summary F	Report			
		Registered Voters	Turnout	State Assembly 14th			
Total Registration and Turr	out.	4.626	550	( 0 of 2 precincts rep	orted)		
Total Registration and Turi	lout	4,020	550	DEM - Susan Bonilla		44	49.449
				Write-in		45	50.569
President				Under Votes:	8		
( 0 of 10 precincts rep	ported)			Over Votes:	2		
REP - Mitt Romney		119	23.38%		Total	89	
LIB - Gary Johnson		101	19.84%	State Assembly 15th			
PF - Roseanne Barr		108	21.22%	( 0 of 2 precincts rep	orted )		
DEM - Barack Obama		94	18.47%	DEM - Nancy Skinner		31	29.819
Write-in		87	17.09%	REP - Eugene Ruyle		37	35.589
Under Votes:	38			Write-in		36	34.629
Over Votes:	3			Under Votes:	8		
	Total	509		Over Votes:	3		
U.S. Senator					Total	104	
( 0 of 10 precincts rep	ported)			State Assembly 16th			
REP - Elizabeth Emken		173	33.66%	( 0 of 6 precincts rep	orted )		
DEM - Dianne Feinstein		160	31.13%	REP - Al Phillips	,	104	33.029
Write-in		181	35.21%	DEM - Joan Buchanan		95	30.169
Under Votes:	33			Write-in		116	36.839
Over Votes:	3			Under Votes:	21		
	Total	514		Over Votes:			
U.S. Rep 11th Dist					Total	315	
( 0 of 10 precincts rep	ported)			Com Col Dist Ward 2			
DEM - George Miller		167	32.94%	( 0 of 8 precincts rep	orted )		
REP - Virginia Fuller		155	30.57%	Tom Cleveland	,	94	23.449
Write-in		185	36.49%	Tommi Diane Vanderbrool	ke	105	26.189
Under Votes:	38			Vicki Gordon		94	23.449
Over Votes:	5			Write-in		108	26.939
	Total	507		Under Votes:	34		25.507

- Registered Voters
- Turnout.



Total

Total

119

101

108

94

422 Total

Party

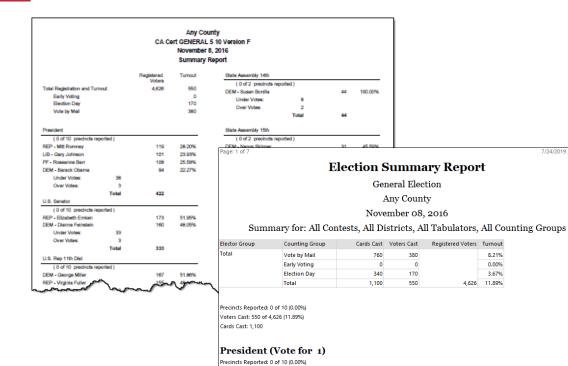
REP

LIB

PF

DEM

550 / 4,626 11.89%



Times Cast

Candidate

Mitt Romney

Gary Johnson

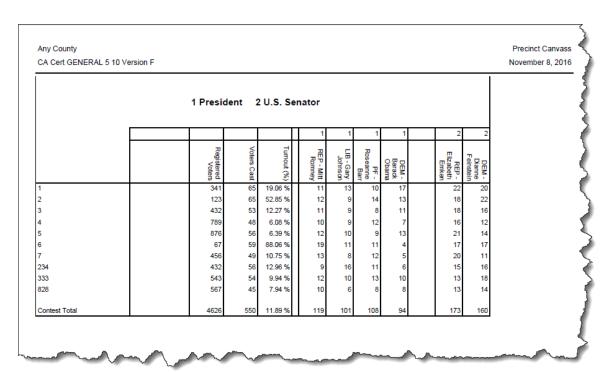
Roseanne Barr

Barack Obama Total Votes

- Added overall ballot cast at the beginning of the report
  - Added a Registration and Turnout lead-in - which breaks down total turnout and turnout by counting group



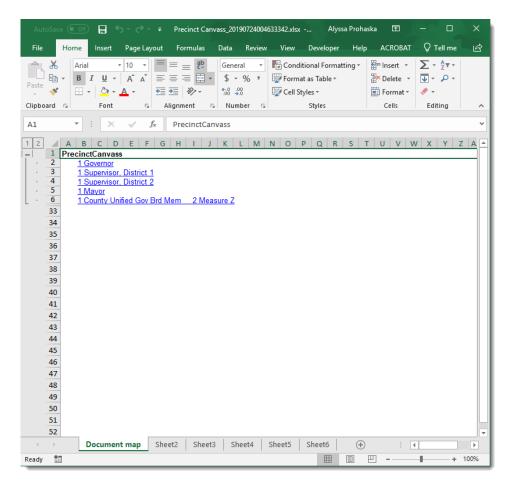
#### **Statement of Votes Cast Improvements**



- Length
- Layout
- No Repeating columns



#### **Statement of Votes Cast Document Map**





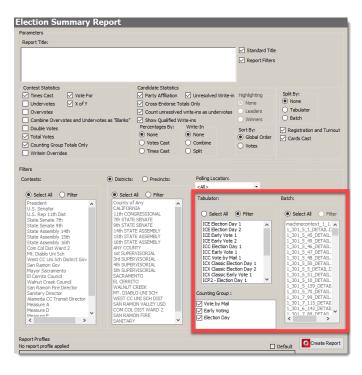
#### **Batches Loaded Export**

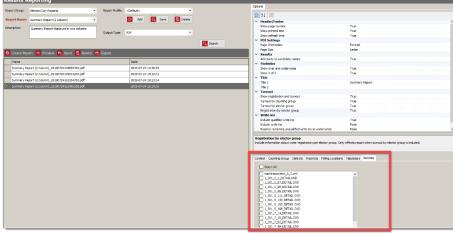
Shows the number of ballot cards processed broken down by Date, Counting Group, and Tabulator Number

4	1 A	В	С	D	E	F	G	Н	1
1	Any County								
2	Batches Loaded Report								
3	DateTime	Tabulator Numl	Tabulator Name	<b>Batch Number</b>	Result File Name	Lead Ballots		Result State	Adjudication St
4	7/24/2019 11:30:36 AM			0	machinecontext_1_1.xml	10	20	Published	NA I
5	7/24/2019 1:31:39 PM	5	ICC Election Day 1	1	1_301_5_1_DETAIL.DVD	20	40	Published	Adjudicated
5	7/24/2019 2:03:02 PM		ICC Election Day 1	45	1_301_5_45_DETAIL.DVD	20	40	Initial	In Adjudication
7	7/24/2019 2:03:02 PM	5	ICC Election Day 1	49	1_301_5_49_DETAIL.DVD	20	40	Initial	In Adjudication
3	7/24/2019 2:03:02 PM		ICC Election Day 1		1_301_5_46_DETAIL.DVD	20	40	Initial	In Adjudication
9	7/24/2019 2:03:02 PM	5	ICC Election Day 1	47	1_301_5_47_DETAIL.DVD	20	40	Initial	In Adjudication
0	7/24/2019 2:03:02 PM	5	ICC Election Day 1	48	1_301_5_48_DETAIL.DVD	20	40	Initial	In Adjudication
1	7/24/2019 2:03:03 PM		ICC Election Day 1	5	1_301_5_5_DETAIL.DVD	20	40	Initial	In Adjudication
2	7/24/2019 2:03:03 PM	5	ICC Election Day 1	50	1_301_5_50_DETAIL.DVD	20	40	Initial	In Adjudication
3	7/24/2019 2:03:03 PM		ICC Election Day 1	51	1_301_5_51_DETAIL.DVD	20	40	Initial	In Adjudication
4	7/24/2019 2:03:03 PM	5	ICC Election Day 1	10	1_301_5_10_DETAIL.DVD	20	40	Initial	In Adjudication
5	7/24/2019 2:03:24 PM		ICC Election Day 1	159	1_301_5_159_DETAIL.DVD	20	40	Initial	In Adjudication
5	7/24/2019 2:03:24 PM	5	ICC Election Day 1	70	1_301_5_70_DETAIL.DVD	20	40	Initial	In Adjudication
7	7/24/2019 2:03:24 PM	7	ICC Vote by Mail 1		1_301_7_99_DETAIL.DVD	20	40	Published	Adjudicated
8	7/24/2019 2:03:24 PM	7	ICC Vote by Mail 1	115	1_301_7_115_DETAIL.DVD	20	40	Initial	In Adjudication
9	7/24/2019 2:03:24 PM	6	ICC Early Vote 1	142	1_301_6_142_DETAIL.DVD	20	40	Initial	In Adjudication
0	7/24/2019 2:03:24 PM	6	ICC Early Vote 1	25	1_301_6_25_DETAIL.DVD	20	40	Initial	In Adjudication
1	7/24/2019 2:03:24 PM	6	ICC Early Vote 1	121	1_301_6_121_DETAIL.DVD	20	40	Initial	In Adjudication
2	7/24/2019 2:03:24 PM	7	ICC Vote by Mail 1	88	1 301 7 88 DETAIL.DVD	20	40	Initial	In Adjudication
3	7/24/2019 2:03:25 PM		ICC Election Day 1	160	1 301 5 160 DETAIL.DVD	20	40	Initial	In Adjudication
4	7/24/2019 2:03:25 PM		ICC Early Vote 1	141	1_301_6_141_DETAIL.DVD	20	40	Initial	In Adjudication
5	7/24/2019 2:03:25 PM	7	ICC Vote by Mail 1	87	1 301 7 87 DETAIL.DVD	20	40	Initial	In Adjudication
6	7/24/2019 2:03:25 PM	6	ICC Early Vote 1	28	1 301 6 28 DETAIL.DVD	20	40	Initial	In Adjudication
7	7/24/2019 2:03:26 PM	6	ICC Early Vote 1	124	1_301_6_124_DETAIL.DVD	20	40	Initial	In Adjudication
8	7/24/2019 2:03:26 PM	7	ICC Vote by Mail 1	148	1_301_7_148_DETAIL.DVD	20	40	Published	Adjudicated
9	7/24/2019 2:03:26 PM	5	ICC Election Day 1		1 301 5 81 DETAIL.DVD	20	40	Initial	In Adjudication
0	7/24/2019 2:03:27 PM	7	ICC Vote by Mail 1	116	1_301_7_116_DETAIL.DVD	20	40	Initial	In Adjudication
1	7/24/2019 2:03:27 PM	6	ICC Early Vote 1	123	1_301_6_123_DETAIL.DVD	20	40	Initial	In Adjudication
2	7/24/2019 2:03:27 PM	5	ICC Election Day 1	82	1_301_5_82_DETAIL.DVD	20	40	Initial	In Adjudication
3	7/24/2019 2:03:27 PM	5	ICC Election Day 1	16	1 301 5 16 DETAIL.DVD	20	40	Initial	In Adjudication
1	7/24/2019 2:03:28 PM	5	ICC Election Day 1		1_301_5_83_DETAIL.DVD	20	40	Initial	In Adjudication
5	7/24/2019 2:03:28 PM	7	ICC Vote by Mail 1		1_301_7_117_DETAIL.DVD	20	40	Initial	In Adjudication
6	7/24/2019 2:03:28 PM	5	ICC Election Day 1		1 301 5 94 DETAIL.DVD	20	40	Initial	In Adjudication
į	7/20/1 9:03:20 M		arly Vote 1	29		The same of the sa	·		La Admilia



- Added ability to print summary reports by specific tabulator
- Added ability to print summary reports by specific batch without rejecting all other batches.





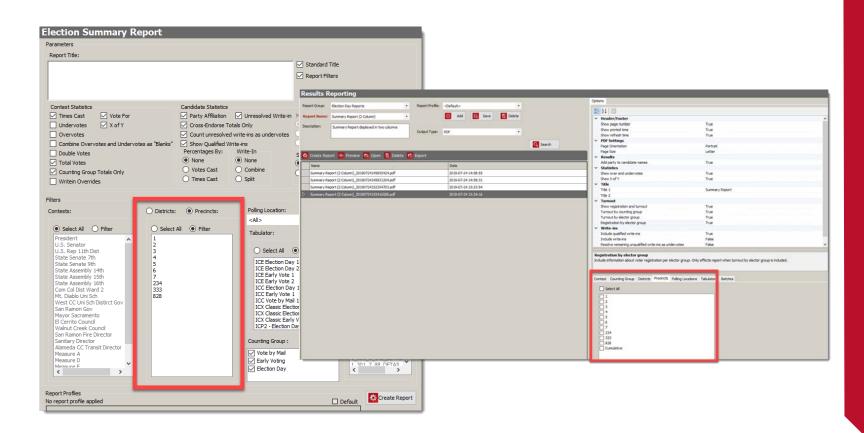


Added the ability to run the Election Summary Report split by batch

leport Title:					
				Standard Title	
				Report Filters	
				∠ Report Filters	•
Contest Statistics		Candidate Statistics			
✓ Times Cast ✓ Vote For		✓ Party Affiliation	✓ Unresolved Write-in	Highlighting	Split By:
Undervotes X of Y		Cross-Endorse 1	Fotals Only	O None	○ None
Overvotes		_	ed write-ins as undervotes	O Leaders	○ Tabulator
_				O Winners	Batch
Combine Overvotes and Undervote	s as "Blanks"	✓ Show Qualified \		Vvinners	© batai
Double Votes		Percentages By:	Write-In	Sort By:	✓  Kegistration and Turnot
Total Votes		None	None	<ul><li>Global Order</li></ul>	✓ Cards Cast
Counting Group Totals Only		O Votes Cast	O Combine	O Votes	- Carus Cast
Writein Overrides		O Times Cast	O Split	Votes	
	Select     County of		Tabulator:		Batch:
	_		<all> Tabulator:</all>		Batch:
President U.S. Senator	CALIFOR				
U.S. Rep 11th Dist		GRESSIONAL	O Select All	Filter	Select All
State Senate 7th	7th STATE 9th STATE		ICE Election Da	ny 1	machinecontext 1 1.
State Senate 9th State Assembly 14th		E ASSEMBLY	ICE Election Da		1_301_5_1_DETAIL.D
State Assembly 15th		TE ASSEMBLY	ICE Early Vote		1_301_5_45_DETAIL.
State Assembly 16th		TE ASSEMBLY	ICE Early Vote ICC Election Da		1_301_5_49_DETAIL.
Com Col Dist Ward 2 Mt. Diablo Uni Sch	ANY COU	NTY RVISORIAL	ICC Election Da		1_301_5_46_DETAIL. 1_301_5_47_DETAIL.
West CC Uni Sch Distirct Gov		RVISORIAL	ICC Vote by M		1_301_5_48_DETAIL.
San Ramon Gov		RVISORIAL	ICX Classic Ele		1_301_5_50_DETAIL.
Mayor Sacramento		RVISORIAL	ICX Classic Ele		1_301_5_5_DETAIL.C
El Cerrito Council	SACRAME EL CERRI		ICX Classic Ear ICP2 - Election		1_301_5_51_DETAIL. 1_301_5_10_DETAIL.
Walnut Creek Council San Ramon Fire Director	WALNUT (		Total Election	50,1	1 301 5 159 DETAIL
Sanitary Director		O UNI SCH	Counting Group:		1_301_5_70_DETAIL.
Alameda CC Transit Director	WEST CC	UNI SCH DIST			1_301_7_99_DETAIL.
Measure A		ON VALLEY USD	✓ Vote by Mail		1_301_7_115_DETAIL 1_301_6_142_DETAIL
Measure D	SAN RAM	DIST WARD 2	✓ Early Voting		1 301 0 142 DETAIL V
( >	SANITARY		✓ Election Day		< >
	57 to 12 1 Fall (				
port Profiles					

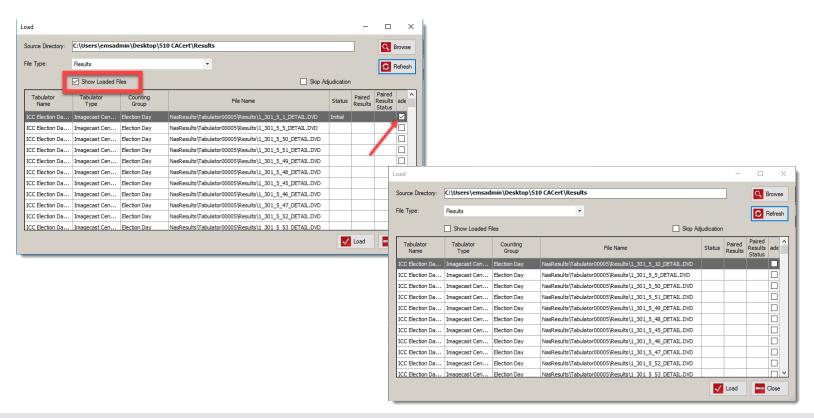


Provide ability to filter Election summary report by precinct





When manually loading results image file selection screen will allow users to filter out batches which have already been loaded



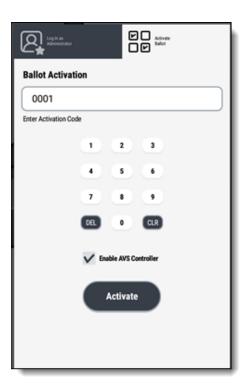


#### **IMAGECAST X**

#### Option to change default tab when inserting Pollworker card

A new MCF option allows selecting the default tab when the poll worker card is inserted:

- # Admin PIN
- # Ballot Activation





#### **IMAGECAST CENTRAL**

#### Support for batch sheet or label

Once a batch is scanned and accepted, users will have the option to print a summary sheet containing the following information:

- Date and Time
- Tabulator ID
- Batch Number
- Number of Ballots
- A configurable number of spaces for signatures by officials

Date: Jan 29/2019
Time: 16:45:29
Tabulator Id: 19
Batch Number: 12
Number of Ballots: 1



#### **OTHER ADDRESSED REQUESTS**

- ICC: handling of Fatal error on double-feed
- Improved golden images
- Added ability to display the ballot group and consolidated precinct, or ballot group, or ballot type ICX
- MBP stub size issues addressed
- Image movement during write-in resolution



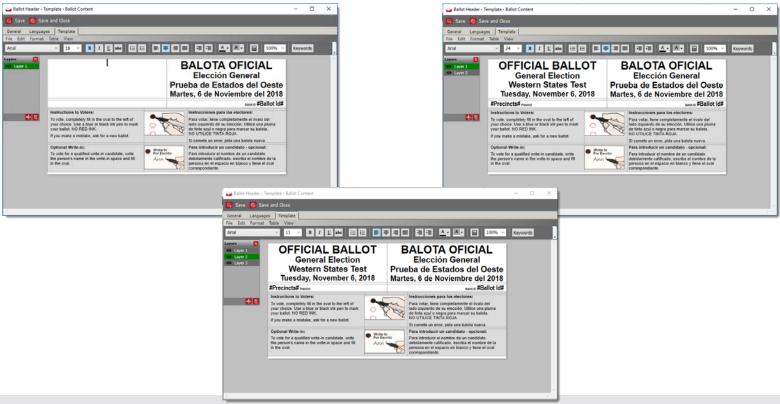
### NEW & NOTEWORTHY FEATURES IN THE DEMOCRACY SUITE 5.10 RELEASE



#### **ELECTION EVENT DESIGNER**

#### Added support for layers in text editor

Using the RTF editor, users may templates into to simplify data input. Layers can be used to set position of text in layer (top-left, top-right,..., bottom-left, bottom-right), edit elements within a given layer (text, tables, images, etc...).



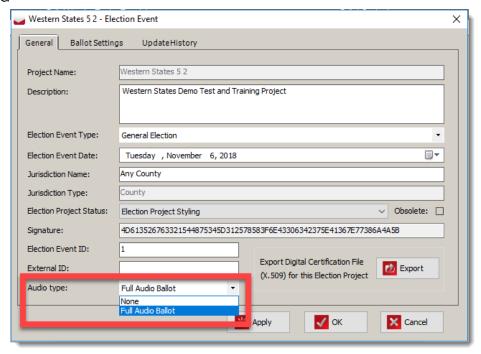


#### **ELECTION EVENT DESIGNER**

#### Allow changing project audio type in later phases of the project

Users may now switch project audio type (Full Audio Ballot/None) in later phases of the project.

- Election Project Definition
- Election Project Styling
- Ballots Generated





#### **ELECTION EVENT DESIGNER**

#### Audio Studio File Name report / export improvements

The report should list all audio type objects for a language profile in a single list.

Audio Studio File Names report creates a separate sheet (list) for each language.

Language sheet (list) contains all audio type objects. Displays object name, text and audio file name for all audio files.

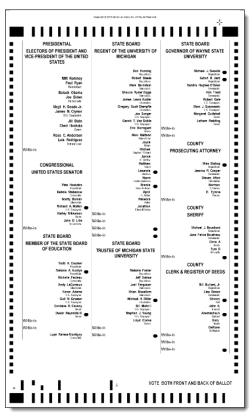


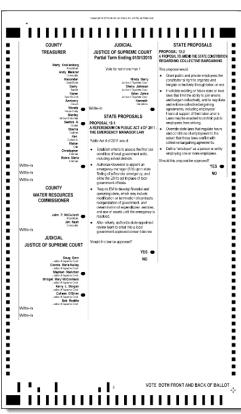


#### **IMAGECAST CENTRAL**

#### Configuration option for scanning both sides of ballot

The ICC will have the ability to force the saving of both sides of the ballot, even in cases where there is no reverse side. This is primarily needed for imprinting, where the imprint is on the back of a one sided ballot.





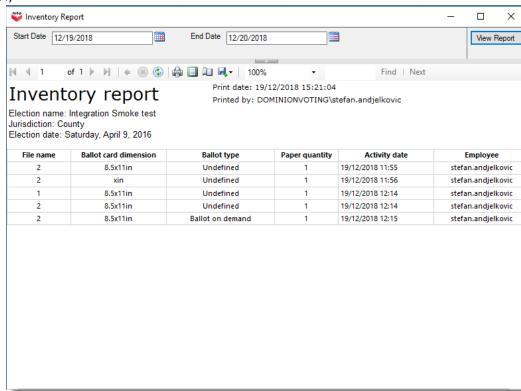


#### **MOBILE BALLOT PRODUCTION**

#### **Daily inventory report**

Users have a new report to better account for ballot inventory:

- Name of the jurisdiction;
- Name of the election:
- Date of the election:
- Ballot type
- Date of activity;
- User





#### **IMAGECAST X**

#### Security improvements to kiosk mode

- "Clear All Election Data" option on Tech menu will be enabled when polls are open, in case election data must be cleared and the poll worker card is no longer available.
- Kiosk mode will be setup by default. Even from ICX Launcher, navigation bar and notification bar are removed.
- When USB peripheral is attached to ICX device (SC reader, ATI, LED light...), permission dialog is no longer appearing as permissions are assigned by default. This is indicated by Android toast message.
- Election files can be loaded to the Samsung without powering off the unit.
- Date/Time can be changed on the Samsung without power cycling the unit.



#### **MOBILE BALLOT PRODUCTION**

#### **New User Roles and Permissions**

Two new user roles and permissions have been defined:

MBPAdmin and MBP Users.

MBPAdmin - Administrators can:

- Create/manage other MBP users
- Import new project/delete old projects
- Reset number of prints
- Print ballots
- Generate reports

MBPUsers - Users can:

- Print ballots
- Generate reports

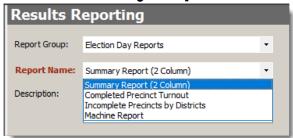
#### **Export and PDF encryption**

Mobile ballot definition exports and official ballots PDFs can now be produced as an encrypted package for use with the MBP workstation.

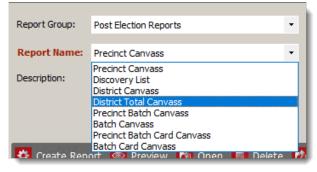




#### **Election Day Reports**



#### **Post Election Reports**





#### **NEXT USERS GROUP**

#### CONTINUAL CUSTOMER FEEDBACK

- TRAINING AND SERVICE SURVEYS
- SYSTEM FUNCTIONALITY SURVEYS
- CONFERENCES
- OTHER USER SUMMITS



#### **Customer Driven Enhancements in 5.10**





**RAVBM** 

**SBVG** 

T	nen, and Now	5.2	5.10
✓	Identify as different Voter Groups (different oath)	No	Yes
✓	Different Instructions per Voter Group & Language	No	Yes
✓	Voter Authentication	Limited	Expanded
✓	Variable Data (email & instructions)	Limited	Expanded
✓	Sample Ballot / Voter Guide	No	Yes



#### **Customer Driven Enhancements in 5.10 - Phased Approach**

#### Phase 1

Post Election Event Discussions	Customer Identified Gaps	Implemented
June 2018	<ul> <li>✓ Identify as different Voter Groups</li> <li>✓ Different Instructions per Voter Group</li> <li>✓ Different Instructions per Language</li> <li>✓ Voter Authentication Elements</li> <li>✓ Variable Data (email &amp; instructions)</li> </ul>	Certified Release 5.10

#### Phase 2

Post Election Event Discussions	Customer Identified Gaps	Implemented
November 2018	<ul><li>✓ Accessible Sample Ballot</li><li>✓ Accessible Voter Guide</li><li>✓ County Push Authentication</li></ul>	Special Release with 5.10

#### Phase 3

Post Election Event Discussions	Customer Identified Gaps	Implemented
In Progress	✓ Integrate SBVG into RAVBM ✓ Email Management Portal? ✓in progress	To Be Determined



#### **Customer Driven Enhancements in 5.10 - Voter Groups**

5.2



#### 5.10

#### Voter Type

#### UOCAVA: Uniformed and Overseas Citizens Absentee Voting Act

- I am a military or overseas voter, and therefore I am eligible to use this accessible vote-by-mail system.
- I understand that my choices marked by this system and submitted will be tabulated.
- I understand that my choices marked by this system must be printed by me.
- I understand that my ballot must be received by 8pm on Election Day, or if mailed, must be postmarked by Election Day.

#### RAVBM: Remote Accessible Vote By Mail

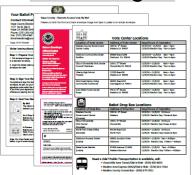
- I am a voter with a disability, and therefore I am eligible to use this accessible vote-by-mail system.
- I understand that my choices marked by this system and submitted will be tabulated.
- I understand that my choices marked by this system must be printed by me.
- I understand that my ballot must be received by 8pm on Election Day, or if mailed, must be postmarked by Election Day.

Under California law, only voters in the military, overseas voters, and voters with disabilities are eligible to use this accessible vote-by-mail system. Please select the voter type.

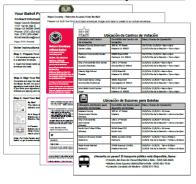


#### **Customer Driven Enhancements in 5.10 - Voter Packets**

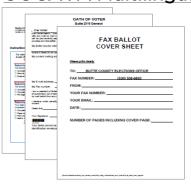
#### **RAVBM English**



#### **RAVBM Spanish**



#### **UOCAVA Multilingual**



#### 5.10 Customization...

- ✓ Unique or Combined
- ✓ Multilingual or per Language
- ✓ Customized Naming
- ✓ Customized Number of Documents



#### **Customer Driven Enhancements in 5.10 - Voter Authentication**



# Voter Authentication... ✓ Unique Identification ✓ PIN (optional) ✓ First Name (optional) ✓ Last Name (optional) ✓ 4 Digits of SSN (optional) ✓ License Number (optional) ✓ Date of Birth (optional) ✓ Year of Birth (optional)



#### **Customer Driven Enhancements in 5.10 - Voter Packet / Variable Data**

From: California County El			
Sent: Saturday, February 9	-		
To: Bilbo Baggins <bilbo@< td=""><td></td><td></td><td></td></bilbo@<>			
Subject: ATTENTION: **Ele	ection Ballot Marking Instructions**		
Dear Bilbo Baggins:			
We show your current add	lress as:		
Hobbiton, CA			
Your ballot materials for th	ne Western States 5 10 Election are now available.		
To access your ballot you v	will need to use your current temporary ID number: 11111	1, and the year you were born.	
You can access and mark y	our ballot here: <u>HERE</u>		
If you need further assista	nce, please contact the this county's Elections Division at 5		
Thank you,			eemplazo elections
Your Dedicated County Off	ficial		
, .:	name appears on this envelope.		arece en
	I have not applied, nor will I apply for a vote-by-mail ballot from any other jurisdiction in this election.	re. Biotiado, ni solicitaré una balota electoral por e ninguna otra jurisdicción en esta elección. bajo pena de perjurio que esto es verdadero a mi leal saber	y entender.
	You must sign in your own handwriting. Your signature must match the Debo firmar inscripcion of	de puho y letra. Su firma debe coincidir con la firma en la ta el votante. ces en una elección es un crimen.	rjeta de
	Voter, sign here in ink.  Blector, firme aqui con tinta  No se aceptan poderes notariales.		
		1111111111	
	×	401, 4	02
	08/21/18	Test Voter 0000 Nothing Street	
	Test Voter	Bree GO	
	Print your voter registration address / Imprime su dirección de registro de votante		
	If you are unable to sign, make your mark and have a witness sign below: Si usted no puede firmar, haga una marca y haga que un testigo firme abajo:		
	Witness, sign here / Testigo, firme aqui		

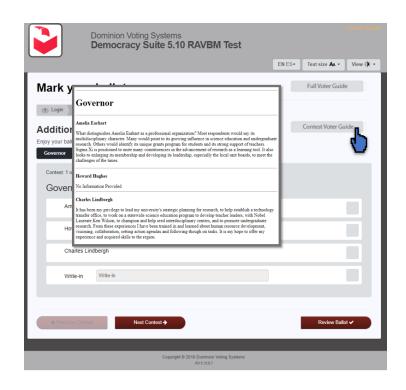
#### Document Personalization...

- ✓ Large List of Variable Data Elements
- ✓ All Elements Available for Email or Docs

Voter ID	Election Name
First Name	Party
Last Name	Precinct
Full Name	Session Date/Time
Mailing Address	Drivers License
Residential Address	Last Four Digits of SSN
Email Address	3 of 9 Barcode



#### Customer Driven Enhancements in 5.10 - Sample Ballot/Voter Guide



- ✓ Works alongside of Certified Instance
- ✓ Available at time of 5.10 Certification
- ✓ Sample Ballot flows like BMD
- ✓ Full Guide & Contest Only Guide
- ✓ County Authentication Push





## Questions & Answers Thank you!

