

# AccuVote Alternative Update

NHMA Moderator Workshop Presentation

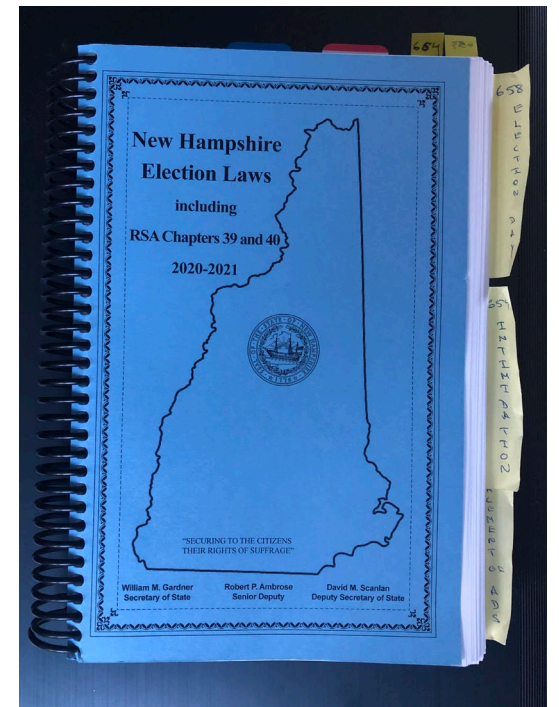
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January 2023

# AccuVote Replacement - Background

- ✓ The AccuVote machine was first used in 1990 and taken off the market about 2010
- ✓ The NH Ballot Law Commission (BLC) approves tabulators
- ✓ The Secretary of State's office (SOS) and localities use LHS's (Salem NH) services for statewide and local election ballot design and programming



# AccuVote Replacement - Issues

- ✓ The SOS' 2019 Request for Proposal (RFP) for tabulating machines resulted in responses that have not been used by the SOS or BLC
- ✓ AccuVote scanner programming tools use Windows XP-based software that Microsoft has not supported for seven years
- ✓ [LHS Associates](#) (Salem NH) is committed to servicing the AccuVote machines and providing ballot programming services



# AccuVote Replacement - Status

- ✓ Milford received BLC approval to use Dominion's ImageCast Precinct tabulator (sold by LHS) in the fall of 2021
  - ✓ The BLC approved the request for use in Milford's March 2022 local elections, but the required complete hand recount proved impossible
- ✓ The BLC subsequently approved SOS Scanlan's proposal for pilot of the ImageCast and Voting Works tabulators in November 2022 and March 2023
  - ✓ Ashland, Newington, and Woodstock used Voting Works in November 2022
  - ✓ Milford and Londonderry will use ImageCast in March 2023
- ✓ SOS' report on Voting Works not published as of Dec. 2022

# Dominion Voting Systems

<b>Dominion Voting Systems</b>			
<b>HQ Location</b>	Denver CO	<b>Model Name</b>	ImageCast Precinct 330/
<b>Website</b>	<a href="https://www.dominionvoting.com">dominionvoting.com</a>	<b>Units Sold - USA</b>	4,000
<b>NH Distributor</b>	LHS Associates	<b>EAC Certified</b>	Yes
<b>Year Established</b>	2003	<b>List Tabulator Cost</b>	\$6,000 bundle (1)
<b>Number of USA jurisdictions using</b>	28 states including more than 3,500 jurisdictions; 50,000 tabulators (all models)	<b>List Maintenance Cost</b>	\$250 fee-based warrant after first year
		<b>Ballot Processing Speed</b>	5 seconds

(1) Bundle includes carry case, memory cards, security seals, internal back-up battery, ballot box with castor wheels, power supply and three compartments, more

# Dominion ImageCast Precinct

- ✓ Certified by federal and state election authorities
- ✓ Multi-factor authentication (key and passcode)
- ✓ Lockable hardware ports
- ✓ Role-based access
- ✓ Encryption
- ✓ Full auditing capability
- ✓ Proprietary software
- ✓ Experienced local provider



# Dominion ImageCast Precinct



# Voting Works

Voting Works			
<b>HQ Location</b>	Fully distributed organization; Production facility in San Francisco	<b>Model Name</b>	VxScan v1
<b>Website</b>	<a href="http://voting.works">voting.works</a>	<b>Units Sold - USA</b>	78
<b>NH Distributor</b>	None	<b>EAC Certified</b>	No (1)
<b>Year Established</b>	2019	<b>List Tabulator Cost</b>	\$2,500 (2)
<b>Number of USA jurisdictions using</b>	5	<b>List Maintenance Cost</b>	Service subscription cost depends on jurisdiction size, equipment, and level of support desired
		<b>Ballot Processing Speed</b>	5 seconds

(1) As a new vendor, Voting Works will be held to the federal Verified Voting Systems Guidelines 2.0 standard

(2) Includes cloth bag with supports to hold cast ballots; security locks attach base to the tabulator



# Voting Works

- ✓ Multi-factor authentication (key and passcode)
- ✓ Lockable hardware ports
- ✓ Role-based access
- ✓ Encryption
- ✓ Full auditing capability
- ✓ Open-source software



# Voting Works



# AccuVote Replacement – What's Next?

- ✓ SOS releases report on Voting Works' pilot in November 2022
  - ✓ Ashland, Newington, and Woodstock may use in local 2023 elections
- ✓ Milford and Londonderry pilot Dominion in March
- ✓ Potential use of Dominion and Voting Works tabulators in the Presidential primary

# Recommendations

- ✓ Visit one of the towns piloting a new tabulator in the spring
  - ✓ If not on Election Day, then when testing the week before
- ✓ Read SOS report on November 2022 and spring 2023 trials when available
- ✓ Engage with tabulator vendors for more information and a demonstration
- ✓ Consider a pilot in the Presidential primary

*Question or Comments?*

*Send an email to Pete Basiliere at [Moderator@Milford.NH.gov](mailto:Moderator@Milford.NH.gov)*

# Addendum: Standards for Ballot Counting Device Approval

1. Individual paper ballot for each voter.
2. Ability to read New Hampshire ballots as prepared by the Secretary of State in accordance with state law.
3. Verifiable chain of custody for each ballot once introduced into the machine.
4. Preservation and security of paper ballot for hand recounts.
5. No networking capacity, including but not limited to the ability to being connected to the internet or other networks or vote counting devices, or utilizing a technology which can be compromised. (Note: standard to be reviewed by technical specialists to determine if there is better wording.)
6. Protection of voter privacy.
7. Verifiable security of each machine before, during and after voting, including security locks, key or seals.
8. Redundancy capacity for recording votes (dual record of votes in addition to retention of original paper ballots).
9. Adequate battery back-up capability.
10. Availability of service and parts.
11. Independent verification of accuracy by appropriate laboratory acceptable to the Ballot Law Commission.
12. Compliance with all requirements for devices found in NHRSA 656:42 or elsewhere in state law.
13. Capacity to physically separate or otherwise identify ballots with write-in votes.
14. Adequate physical capacity to store large numbers of ballots.

Source: Minutes of Ballot Law Commission Meeting, December 14, 2021

# Addendum: Proposal of SOS for Review of Counting Devices

1. Permit the trial use of the Dominion Image Cast and Voting Works ballot counting device in no more than two towns each for the State General Election provided:
  - a. The device will count an AccuVote ballot.
  - b. The device meets the criteria established for the approval of a Ballot counting device by the BLC (no connectivity to the Internet, etc.)
  - c. The use of the ballot counting device will conform with state statutes applicable to the use of a ballot counting device.
  - d. The Secretary of State will be authorized by the BLC to audit the ballots counted by the devices post-election.
2. Permit the use of the Dominion Image Cast and Voting Works ballot counting devices in no more than two towns each during the 2023 municipal elections provided the criteria mentioned in a through d above are met.
3. Require the Dominion Image Cast or Voting Works ballot counting devices meet the Verified Voting Systems Guidelines 2.0 (VVSG) once approved by the Election Assistance Commission and certified by a nationally accredited testing laboratory before approval for general use in the State of New Hampshire.
4. Submit ballot counting devices for any additional review or approval by the Ballot Law Commission upon successful completion of above.

Source: Ballot Law Decision BLC 2022-10 (August 2022); approved “notwithstanding an issue of whether (ImageCast) can read the same ballot used by the Accuvote machine.