1201 18TH Street, Suite 210
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1.866.654.8683
www.dominionvoting.com

About the voting system

Dominion's Democracy Suite voting solution is being piloted in the State of Colorado, under the Secretary of State's Uniform Voting System initiative. Democracy Suite is a comprehensive elections technology platform, which allows election officials to deliver greater convenience, transparency and accessibility to voters. The sustainable, flexible system helps to increase efficiency for election officials, ultimately leading to significant cost savings for their constituents.

The system features:

- **Democracy Suite** powers the entire voting system out of a single comprehensive database, with all the tools needed to simplify and streamline the process. All voting channels – whether mail-in ballots, overseas and military ballot delivery, accessible voting for residential facilities, or precinct-based voting – are supported and powered by Democracy Suite.

- **ImageCast Central** absentee ballot counting solution, powered by state-of-the-art Canon scanners, tabulates the results from all ballots, regardless of voting channel.

- **ImageCast Adjudication**, our digital tool which allows for efficient and reliable multi-user adjudication of ballots with conditions in real-time.

- **ImageCast Remote** allows overseas and military voters to securely and conveniently access their ballots. Ballots will be tabulated on the ImageCast Central as all other ballots, eliminating the need to duplicate ballots or for an additional system - and the labor required to operate it.

- **Mobile Ballot Printing,** Dominion's simple solution to print any ballot whenever and wherever needed.

- **ImageCast X**: One of the most exciting aspects of the proposed system for Colorado is that voters will have the opportunity to use a tablet to vote. Dominion's new, innovative precinct-based voting device, the ImageCast X – a tablet-based solution that combines the flexibility, efficiency, and simplicity of modern technology, with an underlying platform of security and performance – will be making its debut as part of the pilot.

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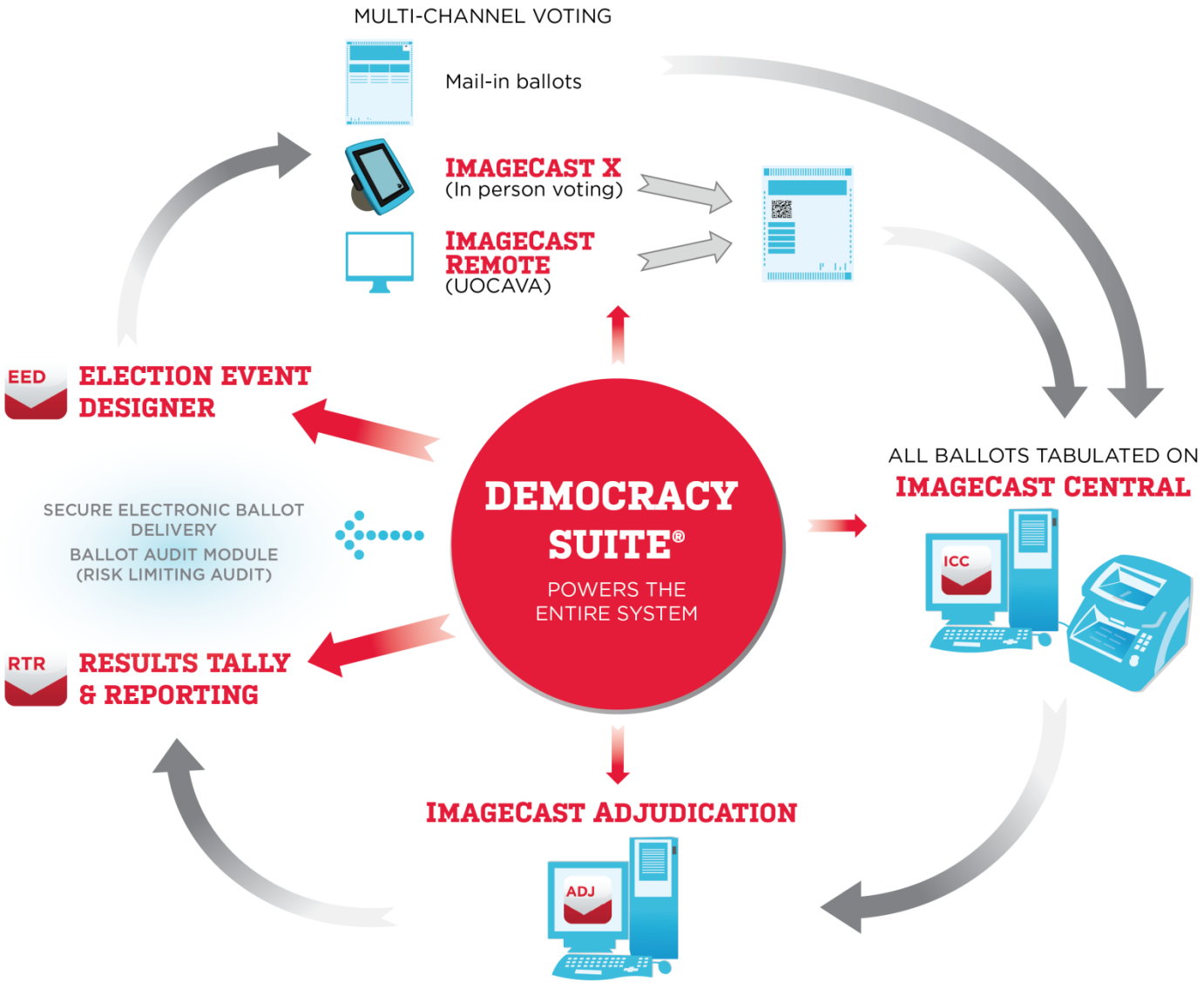

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In-person voting with the ImageCast X

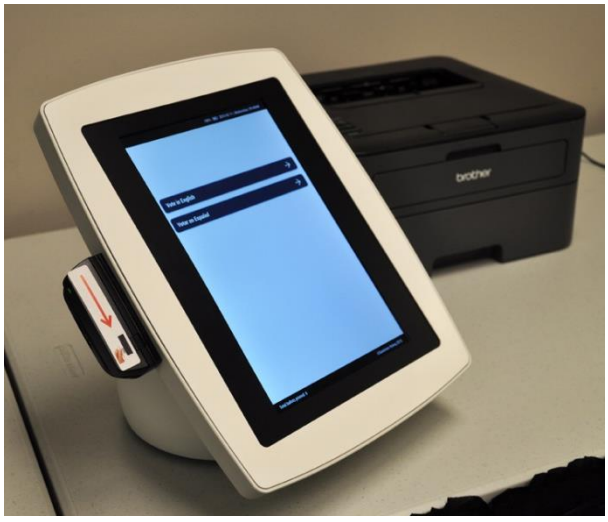
The most sustainable, efficient, flexible and forward-thinking voting system in the world

Today, voters and election officials alike expect that everyday technologies can be leveraged to improve the voting process and experience.

We listened to you, and designed a tablet-based precinct voting solution which combines the flexibility, efficiency, and simplicity of modern technology, with an underlying platform of security and performance.

How do voters interact with it?

- The voter comes into the polling place and checks in. The poll worker will activate an ID card for the voter, which they will swipe on the tablet in order to bring up the correct ballot style.



The ImageCast X and the ballot printer are in the voting booth.

A magnetic card is used to activate the voting session

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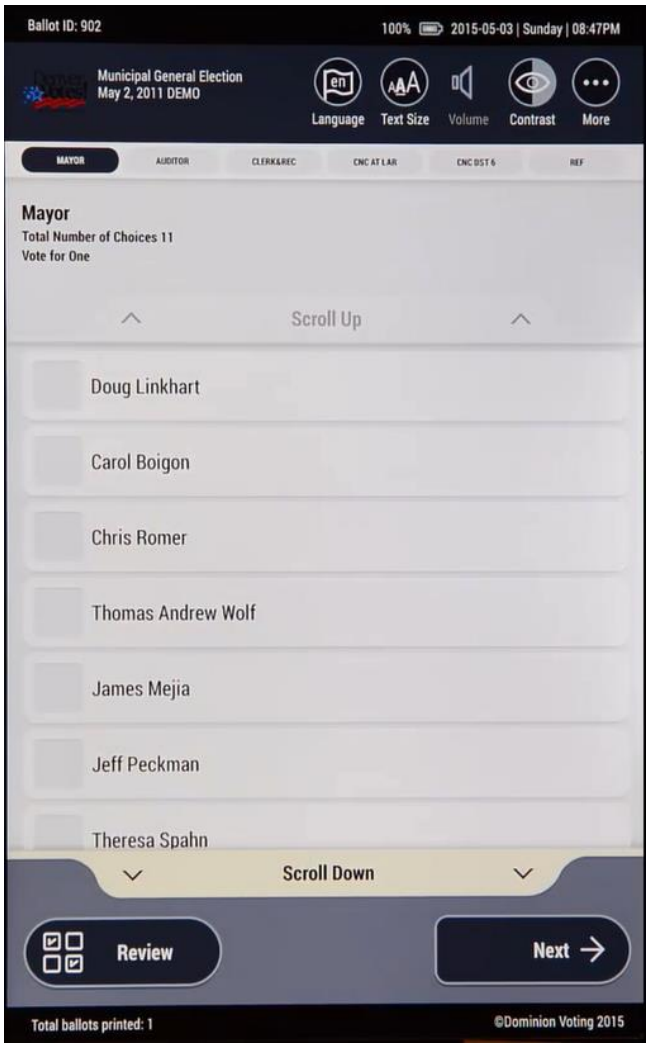
- The voters can navigate through the ballot contest by contest, or use the contest stripe at the top of the menu to go directly to their contest of choice.



ICX user interface

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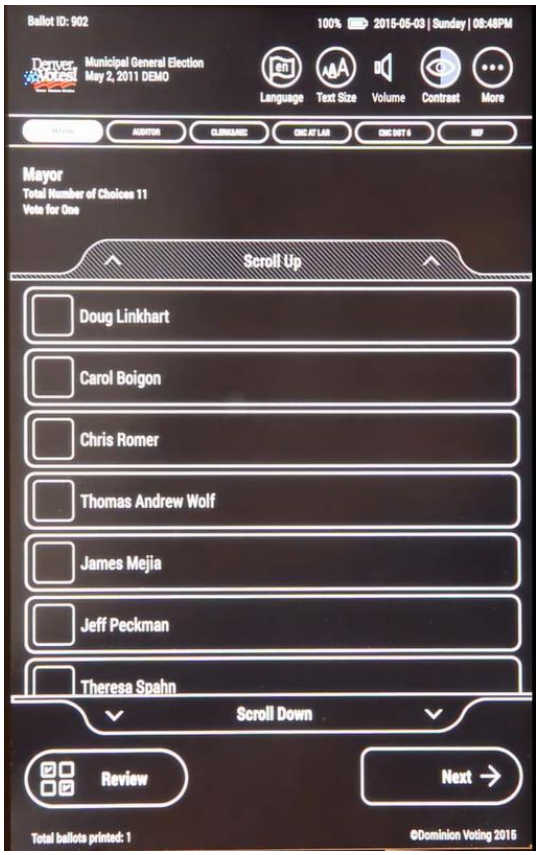
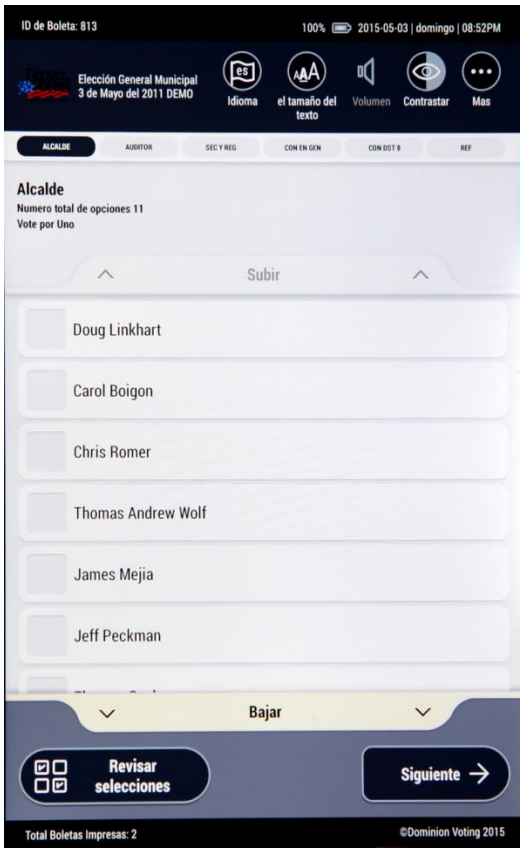
- If there are multiple languages programmed, the voter can toggle between the available languages. The voter can also change the contrast settings, text size, and volume (if using an audio ballot).



ICX contrast options



ICX interface in Spanish

- The voter interacts with the unit like a standard Direct Record Electronic (DRE) touchscreen. When they are done voting, they can review and confirm or modify their choices before casting their ballot.

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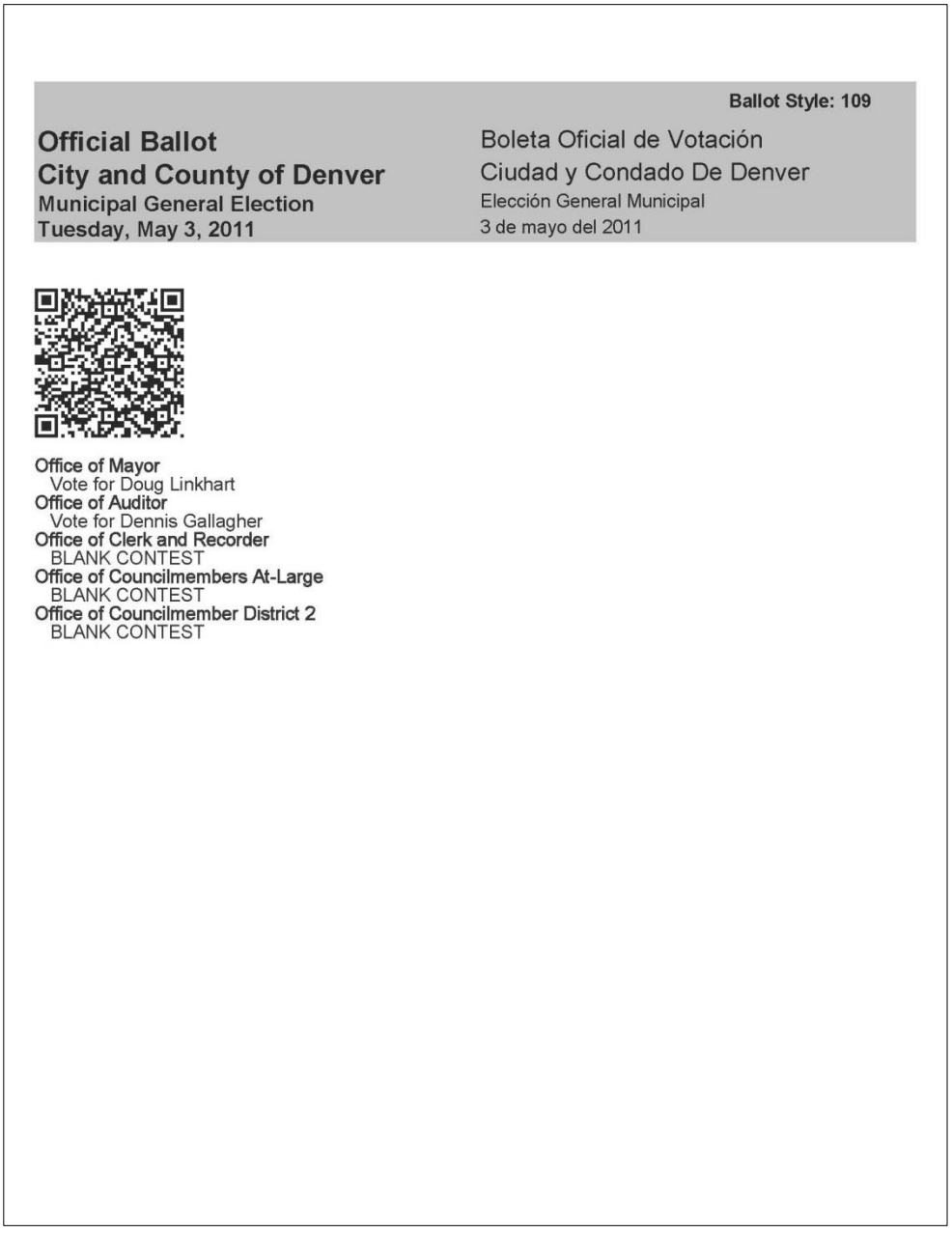
- At the end of their ballot the voter will press “Print.” Their ballot will be printed and they can deposit it directly in the ballot box to then be tabulated on the ImageCast system at the elections office.
    - The system prints a “reduced” ballot, showing only the ballot selections made by the voter, along with a 2D barcode which is what the scanner uses to tabulate results.



Ballot Style: 109

Official Ballot
City and County of Denver
Municipal General Election
Tuesday, May 3, 2011

Boleta Oficial de Votación
Ciudad y Condado De Denver
Elección General Municipal
3 de mayo del 2011

Office of Mayor
Vote for Doug Linkhart
Office of Auditor
Vote for Dennis Gallagher
Office of Clerk and Recorder
BLANK CONTEST
Office of Councilmembers At-Large
BLANK CONTEST
Office of Councilmember District 2
BLANK CONTEST

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About the ImageCast X

FLEXIBLE

Built with flexibility in mind

- Takes advantage of the latest cutting edge technology and industry-leading tablet devices, making our system modular and scalable.
- Uses compact tablets that are cost-effective, easy to store, maintain and deploy when space is at a premium.
- Provides a range of accessible input options for tablet voting, giving voters with accessibility needs the ability to vote privately and independently.
- The tablets can be leveraged for other uses by the County.

EFFICIENT

Designed for efficiency

- A software based system designed around a robust Election Management System and a single database for all pre-election and post-election critical tasks.
- Simplifies Election Day deployment.
- Lowers the total cost of ownership by reducing reliance on proprietary hardware.
- Includes all the tools needed to simplify and streamline the election process, saving time and reducing workload.

SIMPLE

Engineered simplicity

- Reduces complexity for election officials, with all voting channels and results tabulation takes place out of a single, unified database.
- Voters and poll workers interface with simple, commonly used technology - improving the voting process and experience.

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SUSTAINABLE

Forward-thinking

- The software that powers the system can be easily migrated when hardware reaches end of life.
- As modern technologies evolve, we will continue to innovate.

SECURE

State-of-the-art security

- Democracy Suite has been certified to the EAC VVSG 2005 standards. Appropriately, the ImageCast X has been designed with security standards that meet or exceed the 2005 standards, and anticipate the latest EAC VVSG requirements.
- At the polling location, the ICX system is deployed on a closed, secure network with no public Internet access. The system is deployed in a fully wired configuration, preventing unauthorized access to the network.
- The tablet does not store results - all data comes from the secure laptop on an as needed basis.
- The laptop at the polling location is running hardened version of Windows OS (Windows 8.1), which allows for user access control to prevent unauthorized access to the computer. It can be secured with a lock such as Kensington lock.
- Election files, configuration files, and results are encrypted using AES-128 and digitally signed using SHA-256 on the laptop.
- Communication between ICX tablets and the laptop at the polling location is encrypted using AES-128 and digitally signed using SSL.
- Any wireless communication capability on tablets and laptops is disabled.
- The tablets themselves are deployed at the polling location in secure enclosures, which require a non-standard security screwdriver to prevent access and tampering.
- The voting session is activated using magnetic cards. Once the voting session has been activated with a card, it cannot be used again without reactivation.