

Technical Documentation Package Users Guide

Author: Nenad Peric

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Relevant Disclaimers

The final list of items to be disclaimed in this release is to be confirmed.

Please be advised that this document may make reference to the following DemocracySuite® functionalities:

- AIMS Data Translator
- Avalue tablets
- ImageCast® X DRE w/ VVPAT
- EMS Enterprise configuration
- Election Data Exchange Station (EDES)
- ImageCast® Evolution
- ImageCast® Evolution Dual Monitor functionality
- ImageCast® Listener
- ImageCast® Precinct
- ImageCast® Precinct Audio
- ImageCast® Precinct Ballot Marking Device (BMD)
- ImageCast® Precinct BMD Audio
- Rank Choice Voting (RCV)
- Recall Issues
- Mode 2 asymmetric cryptography
- Mode 3 asymmetric cryptography
- NYS General and Primary Ballot Template
- Modem and transmission functionality
- WinEDS Importer

These functionalities are not components of the current DemocracySuite® 5.2-CO certification campaign, and should be disregarded throughout the document.

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Revision history

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Sections in this document

- [UserGuide Introduction](#)
- [User interfaces](#)
- [Procedures](#)

1 UserGuide Introduction

This document explains how to perform basic actions on the ImageCast® X device.

2 User interfaces

Here you will learn about the main modes of operation - different user interfaces.

- Technician
- Poll worker
- Voting
- Common

2.1 Technician

All operations that require a trained technician can be performed from this menu.

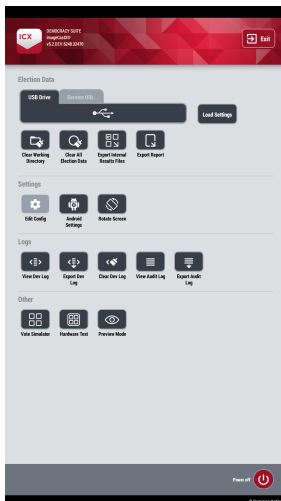


Figure 1: Tech menu

2.1.1 Categories

- Election Data
- Settings
- Logs
- Other

2.1.2 Uncategorized

EXIT

Exits the application and returns the user to Android launcher.

POWER OFF

Powers off the machine.

2.1.3 Election Data

Manipulate election data. No election data manipulation is possible when the poll is open.

LOAD SETTINGS

Is used for loading of election files from a USB stick. Select the election file (.DAT file) you want to copy onto the machine and press the "Select" button. After selecting the election file, you will be presented with a confirmation dialog. Select "Copy" to copy the election files.

Prerequisites for copying election files to the machine is that machine should be previously cleared of all election data (on "Clear all election data" button.) and the Poll is closed. When DRE mode "Load Settings" is disabled when there are some result files on result locations, so they have to be deleted. There are two ways of doing that: "Clear all election data" from technician menu or "ReZero" from Poll worker menu.

CLEAR WORKING DIRECTORY

Removes the working copy of the election files (.DAT file) to force election file decryption on the next poll worker login and effectively revert the project to defaults. When DRE mode "Clear working directory" is disabled when there are some result files on result locations, so they have to be deleted. There are two ways of doing that: "Clear all election data" from technician menu or "ReZero" from Poll worker menu.

CLEAR ALL ELECTION DATA

Removes all election data from the machine. Returns the machine to factory mode and ready for the next election.

The following is removed:

1. Result files from all defined locations, if they exist. If not all locations are accessible, an appropriate message will be presented.

2. Audit log files from all result locations, but ten last audit logs on the device are kept, so there is evidence of clearing election data.
3. Report file, if it exists.
4. Election file (.DAT file).

EXPORT INTERNAL RESULT FILES

Copies the results from internal storage onto the USB stick. The results are in folder "Result" on the USB stick.

EXPORT REPORT

Copies the report to the USB stick, if the report exists. The report is in folder "Reports."

2.1.4 Settings

Provides access to application and system settings.

EDIT CONFIG

Edit configuration on the machine for the currently selected tabulator. The changes made here will be applied only to the current tabulator. In order for this button to be enabled tabulator must be previously selected.

ANDROID SETTINGS

Opens the android settings screen

ROTATE SCREEN

Allows the screen to be rotated, if the screen is not already in portrait mode



Only portrait mode is currently supported

2.1.5 Logs

VIEW DEV LOG

Opens the developer log. This is mainly for developers use, the button may or may not be enabled. It lists all dev log files found on the machine. Upon selecting one, the last 100 lines of the log will be opened on the screen (top-down), and more can be loaded by selecting "Load more."

EXPORT DEV LOG

Export developer log to the USB stick.

CLEAR DEV LOG

Delete all developer log files from the machine. But there will always be one file (the latest one created).

VIEW AUDIT LOG

Opens the audit log. Upon selecting one, the last 100 lines of the log will be opened on the screen (top-down), and more can be loaded by selecting "Load more".

EXPORT AUDIT LOG

Export audit log to the USB stick.

2.1.6 Other

VOTE SIMULATOR

This opens vote simulator menu that allows starting vote simulator. A valid test pattern file is required for the project you are testing.

HARDWARE TEST

Allows testing the hardware connected to the ICX device. There are tests for:

- ATI device
- Paddles
- Sip'n'Puff
- Four direction switch

- [Printer](#)

PREVIEW MODE

Allows the preview of the ballot from EED. A valid network connection is required. In order to start the preview mode, first start the preview in EED, check the EED IP address and port number, then enter those in ICX, and select "Start".

2.2 Poll worker

All poll worker operations can be performed from this menu.

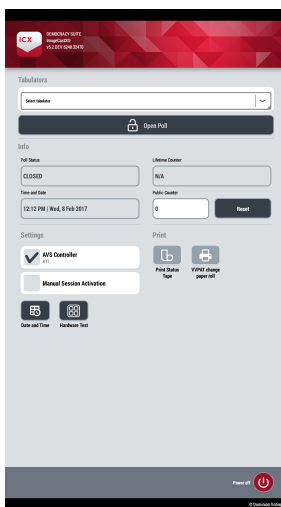


Figure 1: Poll worker menu

Categories

- [Tabulators](#)
- [Info](#)
- [UG Settings](#)
- [Print](#)

2.2.1 Uncategorized

POWER OFF

Powers off the machine.

2.2.2 Tabulators

At the top of the screen is a drop-down list with all available Tabulators. Select dropdown menu with text “Select tabulator,” and choose one of the tabulators from a list. After that, the application will start verification of election files. After verification is finished, on the screen will be shown a dialog with messages about the integrity of election files (pollworker/screen24.png):

File integrity check

Returns the list of missing .png (examples: ballot header, logo, party logo) or .spx (examples: contest, contest heading, choice, political party, ballot header audio files) files for selected Tabulator for each of languages. Files that will be check and reported depending on selected tabulator operating mode (DRE or BMD).

Localized printer resources for all available languages: VVPAT resources in DRE mode or Printer resources in BMD mode.

```
[ "PRINT_BLANK_BALLOT_TEMPLATE",
  "PRINT_BLANK_CONTEST_TEMPLATE",
  "PRINT_CHOICE_SELECTION_TEMPLATE",
  "PRINT_CHOICE_SELECTION_TEMPLATE_WRITE_IN",
  "PRINT_CHOICE_SELECTION_TEMPLATE_RANK",
  "PRINT_CONTEST_NAME_TEMPLATE",
  "PRINT_OVERVOTE_CONTEST_TEMPLATE",
  "PRINT_UNDERVOTE_CONTEST_TEMPLATE"]
```

Database integrity check

Depending on the Tabulator operating mode, verification dialog can be closed or print on a connected printer (thermal or VVPAT).

After tabulator is selected, Poll Worker can click on “Open Poll” button bellow the drop-down list of tabulators. Confirmation dialog about opening poll will be shown. A confirmation dialog has two buttons, “Yes” and “Cancel”. Click on “Cancel” button will close the dialog and Poll Worker still can change voting settings. Click on “Yes” button will try to open poll. If tabulator has not been selected, after click on “Yes” button user will be informed to select tabulator in list before try to open poll. If tabulator has been already selected, and all configuration settings corresponding to selected tabulator and device, the poll will be opened and the user will be moved to the login voter activity. If something is wrong in the configuration user will be informed about problem and poll still be closed.

2.2.3 Info

Info section of Poll Worker menu contains general information about device and poll status:

- Poll Status – There are two possibilities:
 - CLOSED
 - OPEN.
- Time and Date – Current date and time on the device, can be changed using “Date and Time” button in [Settings](#).
- Lifetime Counter – Show how many ballots were marked on the device in the lifetime of the machine. If the lifetime counter is not available, the value will be N/A.
- Public Counter – Show how many ballots were printed or cast on the device for this election.
- Reset/ReZero button – depending on the operating mode of the selected tabulator:
 - ReZero – Reset public counter to zero and clear all results for selected tabulator from locations where results are stored.
 - Reset – Reset public counter to zero.

2.2.4 UG Settings

Settings section contains the following:

- AVS Controller – Default option is “Disabled,” the checkbox is not selected. If the AVS voting mode should be available on the machine, select this option. A dialog with one of AVS Setup options will pop up. Select either ATI or TECLA, depending on the device you have.
- Manual Session Activation – Default disabled. Select this to allow manual voting session activation.
- Date and Time – Navigate user to Android “Date & time Settings” to change the date time on the machine.
- Hardware Test – Opens the Hardware Test menu. Here you can check if the devices connected to the ICX are operational (ATI, Paddles, Sip ‘n’ Puff, Joystick, and Printers).

2.2.5 Print

This section has two options:

- Print Status Tape - During voting, Poll Worker can print the current status report containing the number of votes cast and some other statistics.

- VVPAT change paper roll – Select this option to change paper roll on VVPAT. Selecting this option when the low paper sensor isn't triggered is just going to present the dialog that the device isn't low on paper.

2.3 Voting

Prerequisites for voting mode are:

- Election files are loaded and decrypted,
- All necessary files are present in election files (confirmed with verification of election files),
- The poll is open.

After Poll worker open poll, the application will be redirected to login voter screen.

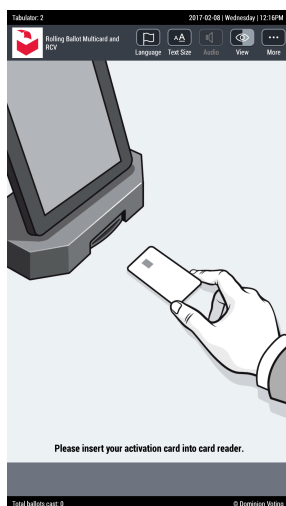


Figure 1: Voting interface

A user has to have an appropriate smart card to access a voting mode or a voting can be started with a Poll worker assistance if the manual session activation is enabled on poll worker menu.

If the voting session is started with a voter card, a voter will be redirected to language selection screen.

(add language selection screen)

When user select language, depending on the session that user can start, the application will show the screen where a voter can choose one of accessible voting devices (AVS voter) or application will open the Ballot on previously selected language (regular voter).

At any time during the voting, a user can change the language, text size, screen view and audio settings (only in AVS mode). A Voter can navigate through the Contests using navigation buttons at the bottom of the screen, Next and Previous buttons. In any time voter can go to the

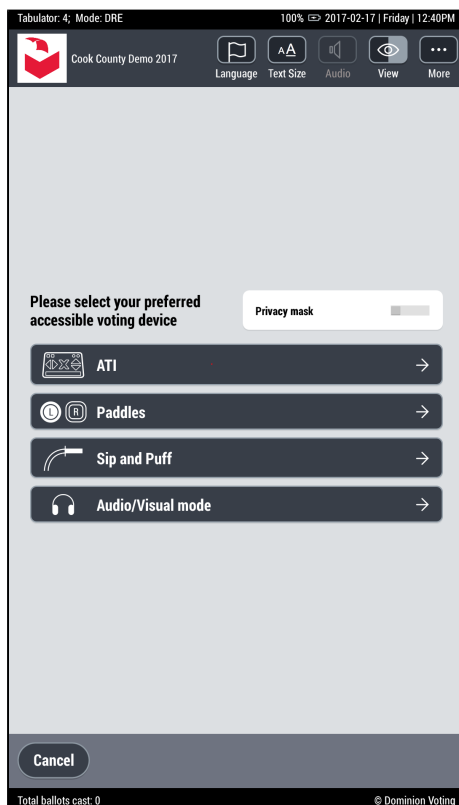
Review page using Review button that is in a line with navigation buttons. For more details about these features refer to [Voting interface](#) and [AVS \(Accessible Voting Session\) Voting Interface](#) chapter.

2.3.1 AVS (Accessible Voting Session) Voting Interface

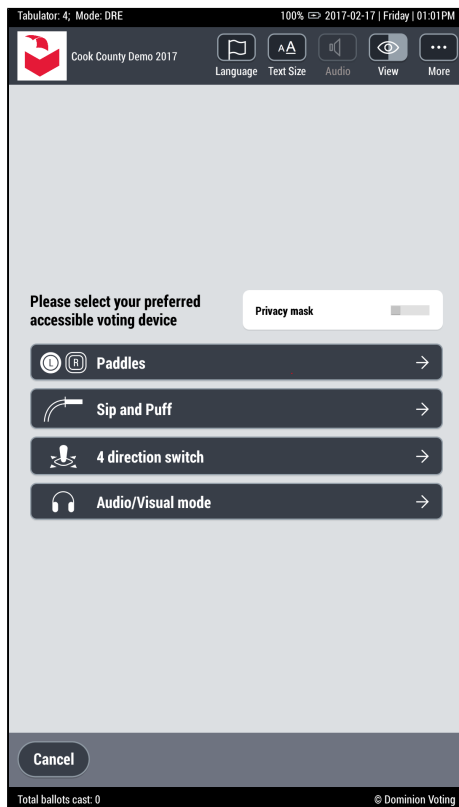
Prerequisite for Accessible Voting Session (AVS) Voting are:

1. Poll Worker has configured ICX tabulator to use proper AVS controller, ATI or TECLA
2. AVS controller is properly connected to ICX tabulator and fully operational
3. Either of
 - a. Voter starts voting session with AVS enabled smart card
 - b. Manual session activation is enabled and poll worker activates voting session and turns on "Enable AVS Controller" checkbox during ballot activation

After session activation steps as described in [Voting](#) section and selecting language, the application will show the screen where a voter can choose one of accessible voting devices (AVS voter). Depending on which accessible voting controller is configured by the [Poll worker](#), voter will be presented by options to select preferred device.



ATI accessible voting devices



TECLA accessible devices

Options on AVS device selection screen include "Privacy mask," which can be used to activate special privacy mode during session. Privacy mask mode will black-out all screen contest, except top most menu bar (with election logo and title, and user options buttons).

To activate privacy mode, user should switch **Privacy mode** switch to ON (indicated by color and right position of a visual "knob") prior to selecting preferred accessible voting device. Note that not all options are available in Privacy mask mode. Audio/Visual mode will become disabled when Privacy mask switch is turned to ON.

To choose proper accessible voting device user selects one of:

- ATI (*Audio Tactile Interface*)
- Paddles
- Sip and Puff
- Audio/Visual mode — *only available if Privacy mask option is turned off*

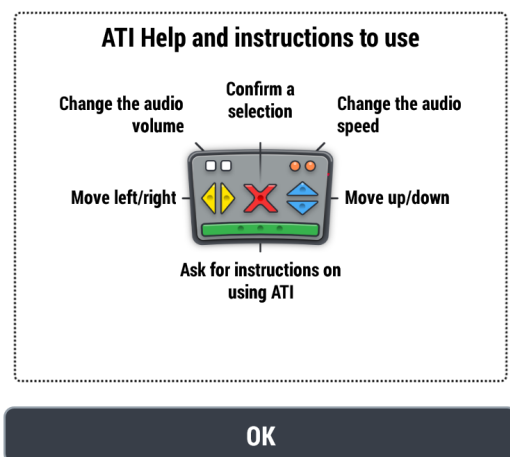
Alternatively, if TECLA device is configured to use instead of ATI, contents of this screen will be different:

- Paddles
- Sip and Puff
- 4 direction switch

- Audio/Visual mode — *only available if Privacy mask option is turned off*

After selecting preferred device, application will show ballot to voter. At this point AVS device is activated and voter can independently use ICX with attached AVS device to vote and cast ballot, with no help from other persons.

Optionally, if selected AVS device is ATI controller, first screen that will be shown to voter is "ATI Help and instructions to use". This help screen describes all functions of ATI device, and can be accessed by voter at any time during voting session.



During AVS voting, all interaction with ICX tabulator is done by controlling ICX without touch screen, using only selected AVS device. Voice is enabled and content of ballot is spoken through attached headphones.

When AVS voting is activated, headphones volume is set to configured default value. Audio volume and tempo (speed) can be adjusted by voter at any time during voting session. This is done using option in topmost menu bar by accessing Audio options. Instructions about how to access this menu is provided as spoken text during voting session. Alternatively, if selected AVS device is ATI, voter can manipulate audio volume and tempo (speed) by pressing two set of buttons on the ATI controller itself. Layout of buttons on ATI controller and their functions are described onscreen and spoken.



During AVS voting, ballot is marked and cast by voter, using selected AVS device. Instructions are spoken on any user interaction with the device. According to selected device, appropriate instructions are spoken and voter is able to navigate through ballot contests and choices, as well as configurable options for selecting language, text size, audio volume and tempo, screen colors. Also voter can end voting session using "More" options menu and choosing to cancel activation.

Ballot is presented in following order to voter during AVS voting:

- Initially, first contest of ballot is selected and spoken. Voter can hear instruction on how to use selected AVS device to vote for the first contest, or to navigate to any other contest
- if voter chooses to enter the first contest, contest description and instructions how to hear choices will be spoken
- If user chooses to vote for selected contest and hear the list of choices, first choice and instructions how to mark a choice or navigate to next choice will be spoken
- voter repeats his decision to vote or hear the next choice until all choices of selected contest are presented
- after hearing/selecting all available choices in a selected contest, voter can easily navigate to a contest navigation buttons and choose to select next contest and repeat the procedure to vote for each contest
- When last contest is reached, after selecting all available choices, next screen is "Ballot review". Ballot review screen can be navigated to at any time by using dedicated navigation button on the bottom of the screen, or by navigating through available screen action buttons as instructed by voice instructions for selected AVS device.
- In ballot review screen first summary ballot validation status is spoken and instruction given to voter how to hear and review all contests, and when voter reaches last contest, instruction is given how to cast ballot.

- When user activates command to cast ballot, confirmation dialog is presented and voter has options to accept casting ballot, or to review choices by returning to review screen.
- When voter accepts casting ballot, application shows operation information status screen, and speaks success (or in case if something went wrong, warning) message.
- When voter has finished hearing the message, by navigating to and selecting 'Continue' button, voting session is finished, and application is redirected to login voter screen, ready for next voter to start voting.

2.3.2 Voting interface

During the active voting session, there are several menus and bars intended for adjusting the voting interface as desired and navigating through the ballot.

At the top of the screen, a **Action** bar is placed containing buttons for changing various graphic and audio settings. These settings can be changed at any point in the voting session and are consistent throughout the whole session.

Action bar

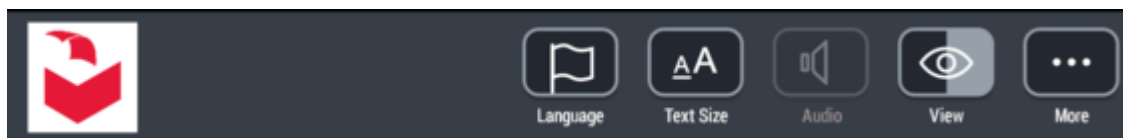


Figure 1: Action bar

- The **"Language"** button opens a pop-up menu with all the languages defined for current elections. The voter can change the language by pressing a checkbox with the desired language.
- Text size can be changed by choosing one of the options displayed by pressing a **"Text Size"** button.
- The **"Audio"** button is active only in AVS session. For details refer to [AVS \(Accessible Voting Session\) Voting Interface](#) section.
- The **"View"** button allows changing the visual theme of the voting interface.
- Pressing the **"More"** button allows the voter to cancel the current voting session by tapping the **"Cancel Activation"** in the pop-up menu, or display the information about the ICX device and software by pressing the **"About"** button.

Contest bar



Figure 2: Contest bar

The **Contest bar** is located right under the Action bar and is used for navigation between the contests on the ballot. By tapping on the desired button, the corresponding contest will be displayed on the screen.

Navigation bar

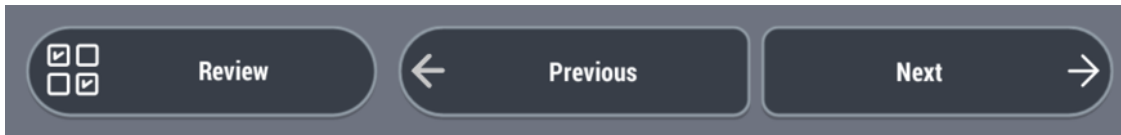


Figure 3: Navigation bar

Beside the Contest bar, the voter can navigate between the contests by using the **Navigation bar** at the bottom of the screen. Pressing the "**Previous**" and "**Next**" buttons will display the previous/next contest in the Contest bar.

Selecting the "**Review**" button will display the Review screen that contains all contests and choices marked by the voter.

The Review screen will also display notifications about any errors or warnings if the ballot is not valid or incomplete.

The voter can navigate through all of their choices by pressing "**Scroll Down**" / "**Scroll Up**" buttons at the bottom/top of the contest list.

In case the voter wants to change the choices for a specific contest, selecting (tapping on) that contest in the review list will return the voter to that specific contest screen.

The same functionality is provided by pressing the "**Back to Ballot**" button in the bottom left corner of the review screen.

Depending on the mode of the application, we may have one of two scenarios:

- **BMD** - The ballot is printed by selecting the "**Print Ballot**" button in the right bottom corner. Pressing this button prompts a final dialog that, again, displays any warnings for the ballot and provides the options to confirm the ballot printing or to return to the Review screen. Marked ballot is printed by selecting the "**Print your ballot**" button in the dialog.

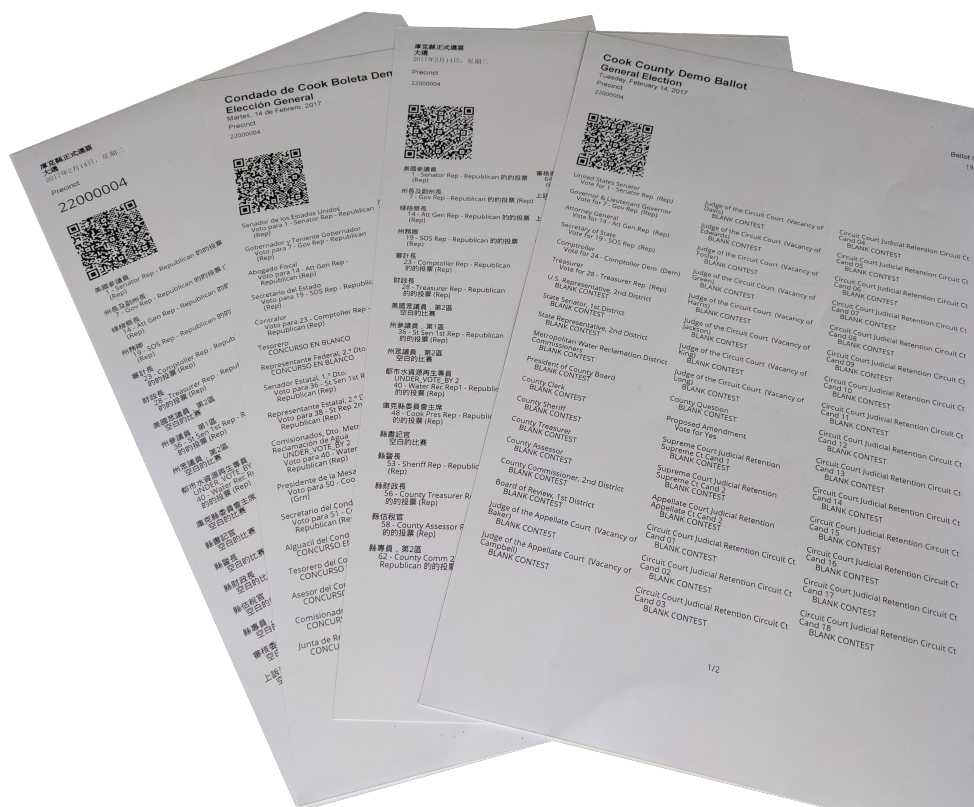


Figure 4: Electronic Mobile Ballot

- **DRE** - The ballot is cast by selecting the **"Cast Ballot"** button in the right bottom corner. Pressing this button prompts a final dialog that, again, displays any warnings for the ballot and provides the options to confirm the ballot printing or to return to the Review screen. Marked ballot is cast by selecting the **"Cast your ballot"** button in the dialog.

After the voting session is complete, a screen is presented informing the voter of the result of the action. At this point, the voter can safely remove the card.

2.4 Common

Here are the common elements of all user interfaces.

Top Status bar

This is the topmost bar. It displays information about the tabulator used, battery status, date and time.



Bottom Status bar

It's located at the bottom of the screen and displays the current number of ballots cast.

Total ballots cast: 5

© Dominion Voting

3 Procedures

Here you will find various procedures that you can perform on the device.

- [Preparing the election](#)
- [Pre-LAT](#)
- [Advanced voting](#)
- [Election day voting](#)
- [Post-LAT](#)

3.1 Preparing the election

3.1.1 Election files transfer

Preparing the election starts with election files that are previously generated in EED. Copy those files to the USB stick and then insert the USB stick into the ICX machine. Insert the Technician card, enter the PIN provided by Democracy Suite EMS EED Administrator and log in. Note that the following steps only Technician can do and that the card needs to be present during the setup.

In case that ICX machine was restarted the Date/Time Confirmation dialogue will be presented, so you can modify date/time in case it's incorrect or if everything is ok just tap the Confirm button.

In order to copy the election files to the machine press the "Load Settings" button (See section [Election Data](#) Load Settings). After that, you are presented with the dialogue containing all election files that are present on the USB stick. Find and select the election file you need and press "Select". After selecting the election file, you will be presented with a confirmation dialogue. Select "Copy" to copy the election files. The message about a status of copying is presented. If the operation is successfully done, election files are now present on the machine and Technician can remove the card and exit the menu.

3.1.2 Start of voting session

Once the election files are present on the ICX machine and Technician is done with his part, insert the Poll Worker card, enter the PIN provided by Democracy Suite EMS EED Administrator and log in. Note that the following procedural steps for opening the poll only Poll Worker can do.

- Decryption of election files
- Select the tabulator

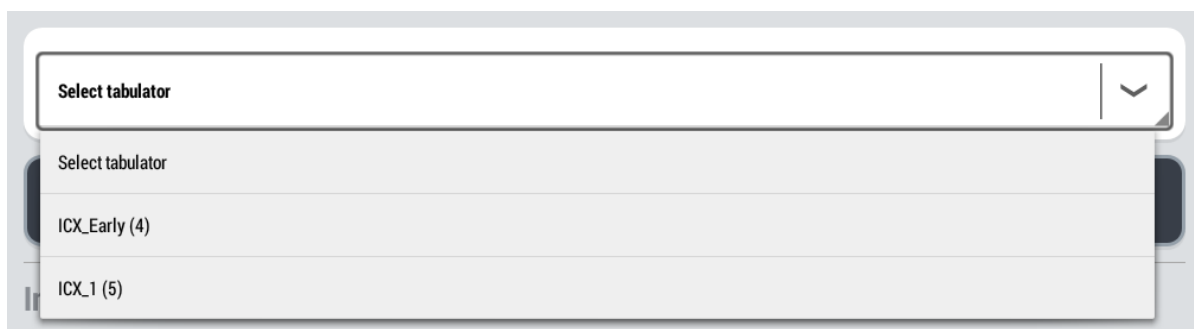
- Verification of election files
- Check all prerequisites before opening the poll
- Open poll
- Print zero report (DRE mode)



In case that ICX machine was restarted the Date/Time Confirmation dialogue will be presented, so you can modify date/time in case it's incorrect or if everything is ok just tap the Confirm button.

After Poll worker is successfully logged in, the decryption of election files begins. The Poll Worker card contains the keys for decryption, therefore it must be present in order to complete this action. The progress bar is shown, and you have to wait until decryption is done.

The process of decryption will be started only if existing files haven't been decrypted yet or after the "Clear working directory" is done (See section [Election Data](#) Clear working directory). The duration of decryption process depends on the size of election files, in a case of large election files it will last longer. After this operation is completed, go to Tabulators section on top of the screen where the drop-down list containing all available tabulators is. Select dropdown menu with text "Select tabulator," and from a list choose the tabulator you need.



Upon selecting the desired tabulator the verification of election files will start. In this process, the following things for selected tabulator are being checked: .png files, .spx files, localised resources and database integrity. Every missing component found will be reported and presented in a dialogue so Poll worker can decide what next to do. (See section [Tabulators](#)). Depending on the Tabulators operating mode, verification dialogue can be closed or printed on a connected printer (thermal or VVPAT) by selecting button "Print".

In a case of DRE tabulator, the check of unknown result files on defined result locations will be started after tabulator selection. If any unknown result file (result file that is not for the selected tabulator) is found the Poll worker will be presented with a warning dialogue. If for some reason result file for selected tabulator exists on any result location, the "ReZero" button will be enabled and the Poll worker won't be able to open the Poll. After selecting the "Open Poll" button, he will be presented with a warning dialogue saying he must re-zero (delete) the results first before opening the poll. Additional confirmation is required when re-zeroing the results, so Poll worker must enter his pin again. After the results are successfully deleted, the Poll can be open. If any error occurs during the process Poll worker will be presented with it.

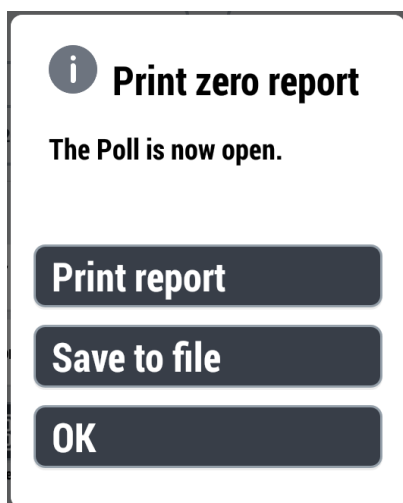
In a case of BMD tabulator, in order to open the poll, the value of a Public Counter must be 0. If that value is not 0, the reset of that counter is required. After selecting the "Reset" button additional confirmation is prompted and Poll worker must enter his pin again. After the Public counter is successfully deleted, the Poll can be open.

To open the poll press the "Open Poll" button. Confirmation dialogue about opening poll will be shown. A confirmation dialogue has two buttons, "Yes" and "Cancel". Click on "Cancel" button will close the dialogue and Poll Worker can still change some voting settings. Click on "Yes" button will try to open poll. If all checks, prerequisites and conditions depending on a selected tabulator are met, the poll will open and the user will be moved to Login Voter Screen.

If DRE tabulator, before moving to the Login Voter Screen and if in configuration the report printer is set to be VVPAT or thermal printer the zero report is printed. Then depending on configuration option (print report on poll open = true/false) zero report is immediately printed or not, and the dialogue "Print zero report" containing following three options is shown:

- • Print report/Print another report - Print report for the first time or print it again.
- Save to file - Save the zero report to file

- OK - proceed to Login Voter Screen



This two options can be activated now, before voting, or they can be activated during voting by the Poll worker.

- **AVS Controller:** If ICX device should support the ADA voters, tap the Enable AVS Controller. Next, select ATI or Tecla controllers accordingly. Tap the Save button to save selection and exit the dialogue. Tap the Cancel button to leave previous settings and exit the dialogue.
- **Manual Session Activation:** If you want to enable manual activation of the voting session, enable the Manual Session Activation check box. This is used if for some reason there is a need for Poll worker to activate the voting session for some voter.



3.2 Pre-LAT

3.2.1 Prerequisites

In order to start Pre-LAT procedure, the election files should be loaded into the ICX application (for more information please check section **Preparing elections - Election files transfer**).

3.2.2 Clearing the results

Insert poll worker card, and enter associated PIN. If you are opening the poll for the first time, after successful validation of poll worker's smart card, the decryption of election files begin. If the decryption passes and there are no errors, the user is presented with poll worker menu. Select desired tabulator from Tabulators drop-down menu, which is located on the top of the screen. This starts the verification process for selected tabulator, and if everything is ok press *OK* button on the popup window. Notice the field *Public Counter* which indicates current numbers of ballots cast for selected tabulator. If the value is zero then selected tabulator is ready for the Pre-LAT test, if not press Reset button to re-zero it.

3.2.3 Cast ballots

Open the poll, by clicking on the Open poll button. Cast desired number of ballots (for more information how to cast ballot refer to **Modes of operation - User interfaces - Voting - Voting interface**)

3.2.4 Compare results

Compare printed ballots visually with desired results, or import into RTR and compare them there.

3.3 Advanced voting

When advanced voting that should last for a number of days is required, use the following procedure to start/stop the voting:

- Open the poll normally
- Vote normally
- At the end of the day, shut down the ICX (see below - Shut down) without closing the poll
- If you want to continue voting, power up the machine and provide a poll worker card to allow voting to continue (see below - Resume voting)
- Vote normally
- Repeat as many times as required
- Once the voting is complete, close the poll and export results (DRE)

This section shows how to shut down the ICX machine and resume voting after restarting it again.

3.3.1 Shut down

If you want to shut down the ICX machine during voting (it is important that the poll is open) both Technician and Poll worker can do this action. On the Login Voter Screen insert Technician /Poll worker card, enter the pin and log in. In the bottom right of the screen, there is the Power off button. NOTE: If the ICX device doesn't support this functionality, the button doesn't exist and the shut down of the machine from the application is not possible. After selecting the button confirmation dialogue is prompted and when you press "Yes" the machine will shut down.

3.3.2 Resume voting

NOTE, this step only Poll worker can do.

Whenever you want to start the machine and the voting, hold the power button on the device until it starts. You should make sure that all cards are ejected from the machine. When the machine is up and running, go to menu, find "ImageCast X" application and click on it. The application will start and the login admin screen will be visible. Insert Poll worker card, enter the PIN provided by Democracy Suite EMS EED Administrator and log in. At this time Date/Time Confirmation dialogue is presented (due to machine restart), and if there is any problem (with the results, hardware machines connected, etc.) the dialogue will be shown to the user in this case Poll worker. The status of the poll is Open. If everything is as it should be, remove the Poll worker card and you will be moved to the Login Voter Screen and proceed with the voting as usual.

3.4 Election day voting

Election day checklist:

1. Log in as poll worker
2. Verify date and time
3. Verify that the poll/tabulator is correct
4. Make sure results are zero
5. Open the poll to start voting (DRE - print zero report)
6. Remove the poll worker card
7. Voting can continue for as long as required
 - a. Vote using smart cards (ICVA or a similar application for activating cards is required)
 - b. Vote using manual session activation (poll worker card is required)
8. Once voting is complete, log in as poll worker again

9. Close the poll (DRE - print result report)
10. Export results (DRE only)

3.5 Post - LAT

3.5.1 Prerequisites

In order to start Pre-LAT procedure, the election files should be loaded into the ICX application (for more information please check section **Preparing elections - Election files transfer**).

3.5.2 Clearing the results

Insert poll worker card, and enter associated PIN. Click on the *Close Poll* button to close the poll. After that, click on Reset button to re-zero results. On Warning popup windows press Yes, and enter poll worker PIN to verify your identity.

If the action was successful, there should be Info dialog notifying the user that the operation was completed successfully. If the *Public counter* field shows zero value, you can proceed to the next step.

3.5.3 Cast ballots

Open the poll, by clicking on the Open poll button. Cast desired number of ballots (for more information how to cast ballot refer to **Modes of operation - User interfaces - Voting - Voting interface**)

3.5.4 Compare results

Compare printed ballots visually with desired results, or import into RTR and compare them there.