

CONDITIONS OF USE FOR DOMINION VOTING SYSTEM’S DEMOCRACY SUITE® 5.11-CO VOTING SYSTEM

The Secretary of State promulgates the following Conditions of Use for Dominion Voting System’s Democracy Suite® 5.11-CO voting system by political subdivisions of the state of Colorado, in accordance with section 1-5-608.5(3)(b), C.R.S. The Secretary of State reserves the right to revise, amend or supplement these conditions from time to time, in her discretion and as circumstances warrant.

Note: All ICX Conditions in this document apply to both models of ICX models certified for use in Colorado, i.e., the Samsung (“ICX”) and A Value (“ICX Classic”) devices, except as otherwise noted.

Condition No.

Condition Statement

A. (ICX-1)

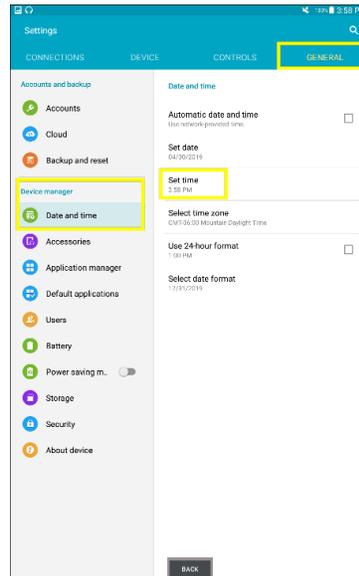
Election Rule 20.5.2(e) prohibits counties from connecting any component of a voting system to the Internet. As a result, the ICX devices cannot automatically update the time that appears on the device displays. A variance between the time displayed on the ICX device and the actual time does not affect or impair the accuracy, integrity or functionality of the in-person voting components of the voting system, but may cause concerns to voters utilizing the ICX device to mark their ballots. Counties may, but are not required to, manually update the time displayed on the ICX devices by following the step-by-step instructions below. A county that opts to manually update the time displayed on ICX devices must do so only when the polling location at which they are deployed is closed, if applicable, and must not change or alter any other device settings.

1. From the main screen of the ICX, insert the Technician card.
2. Enter the pin and press **Confirm**.
3. The **Technical Administration** menu will display. Press the **Android Settings** button.

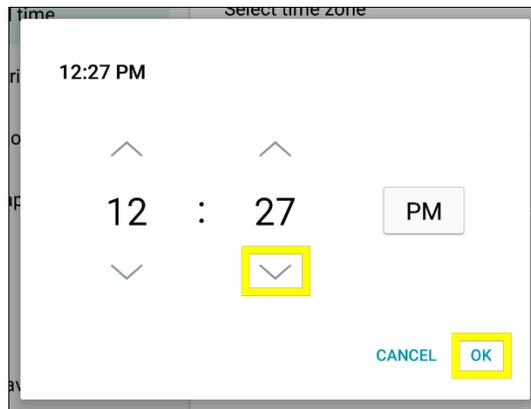


4. Navigate to the **GENERAL** tab at the top and then **Date and time** along the left **Navigational** menu.

5. The **Date and time** section of the Android operating system settings page will appear. Select the **Set time** or **Set date** option.



6. Change the time by moving the up / down arrows, then press **OK**.



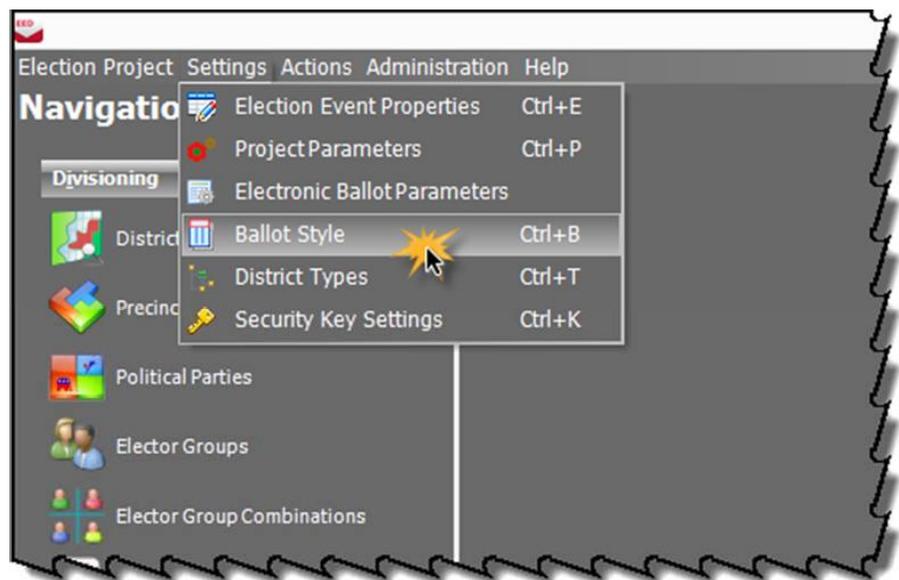
7. Select the **BACK** button at the bottom of the screen to return to the ICX application.



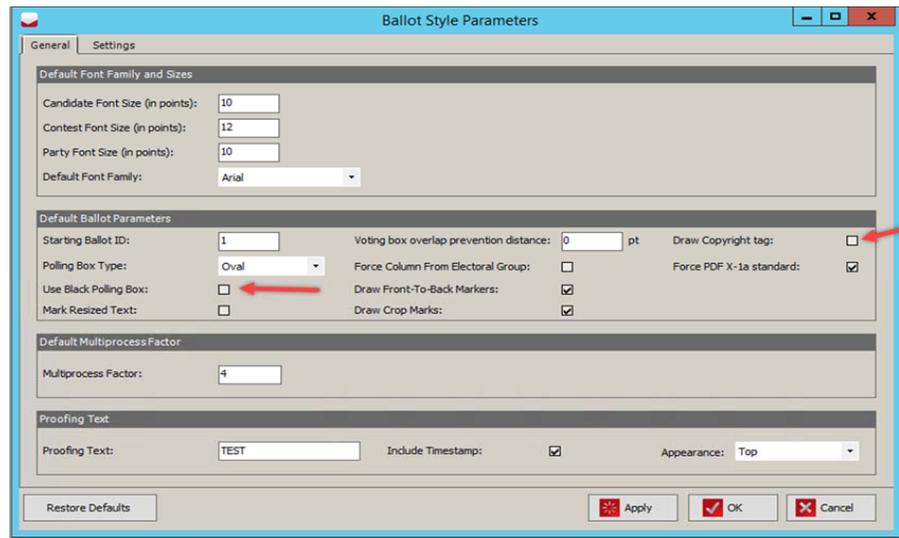
8. Remove the Technician card.

- B. (ICX-2) For each VSPC, the county must connect at least one accessible voting station to an uninterruptible power supply (UPS) with battery backup of at least 2 hours. These components include the ICX and the accompanying ICX printer.
- C. (ICX-3) Tamper-evident seals must be affixed over a minimum of one screw on the back of the ICX Armodilo enclosure. Except as alternatively provided in Condition D (ICX-4), the county must disconnect, re-seal with tamper-evident seals, and document in the ICX chain-of-custody log, the USB connector of the printer cable and the USB plug of the USB cable or the RJ-45 plug of the cable that is used to connect the Audio Tactile Interface (ATI) accessibility device, when each ICX is not deployed for an election or is in storage.
- D. (ICX-4) The county must seal the ICX devices at the locations specified in Appendix A to these Conditions. If the county secures a polling location in which the ICX components are deployed against unauthorized entry or access before and after the polling location's regular hours of operation, the county may leave the ICX components in a connected state during times when the polling location is closed, from the date on which the county opens the polling location for business until the day after Election Day. For purposes of this Condition D (ICX-4), the "ICX voting station components" include the ICX Samsung tablet contained within its Armodilo enclosure, the ICX Classic contained within its enclosure, the ATI, if applicable, and the accompanying ICX ballot printer.
- E. (ICX-5) (Samsung only) The Google Spanish text to speech app is not certified for use with the ICX. Counties required to provide ballots in Spanish must use the Samsung text to speech app.
- F. (ICX-6) If the county chooses to forgo Condition R (EED-6), instead, before opening a polling location for voting, an election judge must initiate a voting session on each ICX. The election judge should power on each ICX, initiate a regular voting session with a voter card or pollworker card and navigate through all of the contests on the ballot. After doing so, the judge shall select the **About** button from the top of the screen, select **Cancel Activation** to end the voting session and remove the voting card or pollworker card. This process must be repeated every time each ICX is powered on.
- G. (ICX-7) From the **Technical Administration** menu of the ICX, counties are not permitted to use the **Exit** button to access the Android operating system.
- H. (ICX-8) If the county deploys ICVA laptops at VSPCs to program ICX voter activation cards, the supervisor judge in each VSPC must assign at least one election judge to collect ICX voter activation cards immediately after a voter concludes a voting session on an ICX device. Without compromising the voter's privacy in any way, the responsible election judge should monitor and collect the voter card from the voter immediately after the voting session terminates and the voter deposits his or her ICX ballot into the ballot box.

- I. (ICX-9) Each county must label each pollworker card and voter card with a unique identifying number. Before and after the VSPC opens and closes each day, the supervisor judge must verify that all pollworker and voter cards issued to the VSPC are present and accounted for. If at any time the supervisor judge cannot account for all voter activation cards originally issued to the VSPC, the supervisor judge or a member of the county’s elections staff must immediately report the issue to the Secretary of State by emailing an incident report to voting.systems@sos.state.co.us.
- J. (ICVA-1) If deployed for use at a polling location, the county must securely store each ICVA laptop in a locked storage area before and after the polling location’s hours of operation.
- K. (WebSCORE-1) When processing voters in WebSCORE, election judges must select “IN-PERSON DRE” as the ballot type for all in-person voters that use the ICX ballot marking devices.
- L. (EMS Server-1) Reinstallation of the trusted build is not required in the event that a hard drive used in a RAID configuration has to be replaced, as long as the replacement hard drive is installed per Dominion’s or the computer manufacturer’s documentation and approved by the voting systems team.
- M. (Passwords-1) Passwords must be changed based on the passwords schedule in Appendix B.
- N. (EED-1) New projects in Election Event Designer (EED) default to having the Dominion copyright notice printed on the ballots. Counties must disable this feature after each project is initially created by following the steps below:
 1. Open the Project.
 2. Select **Settings >> Ballot Style**.



- Uncheck the checkbox next to **Draw Copyright Tag**. Also, verify the checkbox next to **Use Black Polling Box** is **not** selected:



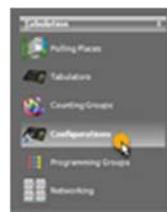
- Click **Apply**, then click **OK**.

O. (EED-2) All ballot pdfs default to the CMYK color format suitable for printing on the Runbeck BOD printer and Dominion MBP. Counties adding their own instructional images to the ballots must ensure that the images are in the proper CMYK format.

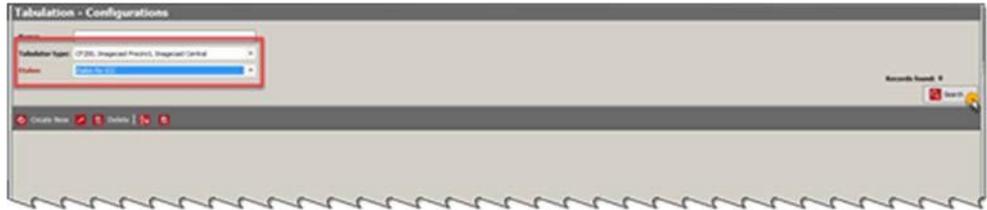
P. (EED-3) The county must use scanning parameter threshold settings that are at least as rigorous as the voting system’s default setting values. Therefore, the county must set the low scanning threshold parameter no higher than 5%, and the high scanning threshold parameter no lower than 25%.

Q. (EED-4) The county must use write-in threshold settings that are at least as rigorous as the voting system’s default settings. Therefore, the county must set the low write-in threshold no higher than 5%, and the high write-in threshold no lower than 25%. In addition, in accordance with Rule 18.5.3(b), the county must program the election to detect and sort for adjudication any ballot where writing appears in the write-in area, whether or not the corresponding target area is also marked. This must be done before generating election files in the Device Configuration File (DCF) that is created/edited in EED, as follows:

- Log into the election project in EED.
- Expand the **Tabulation** section on the left **Navigation** menu.
- Select **Configurations**.



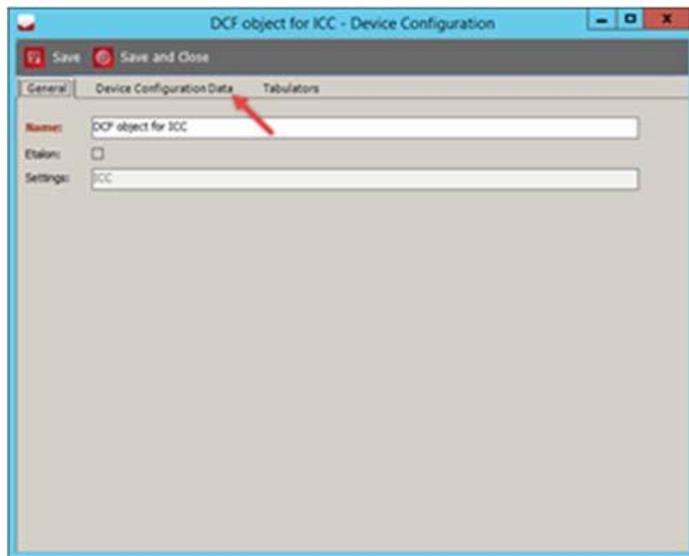
4. Select the following search parameters.
 - a. Tabulator Type = CF200, ImageCast Precinct, ImageCast Central
 - b. Etalon = Etalon for ICC



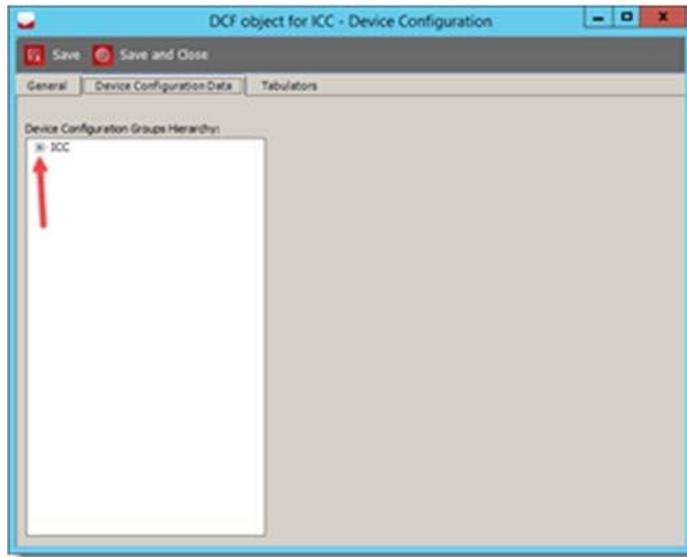
5. Click on the **Search** button.
6. Double click on the item called **DCF object for ICC**.



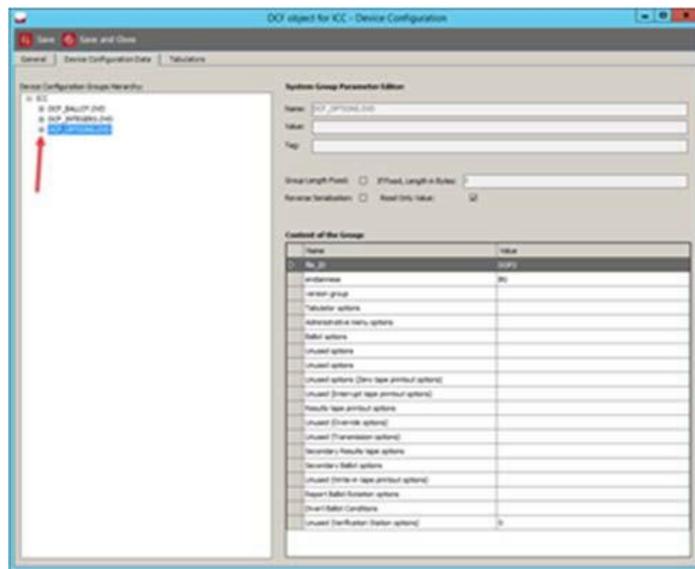
7. Select the **Device Configuration Data** tab.



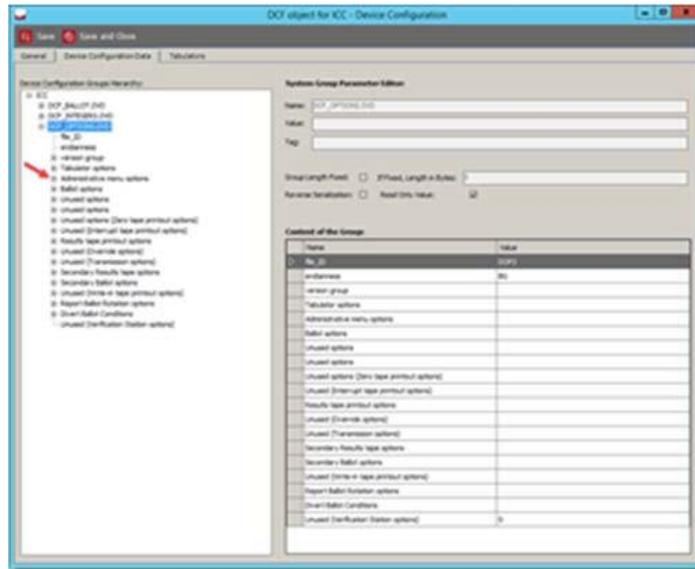
- Expand the **ICC** menu to view all the submenus, by selecting the + sign next to **ICC**.



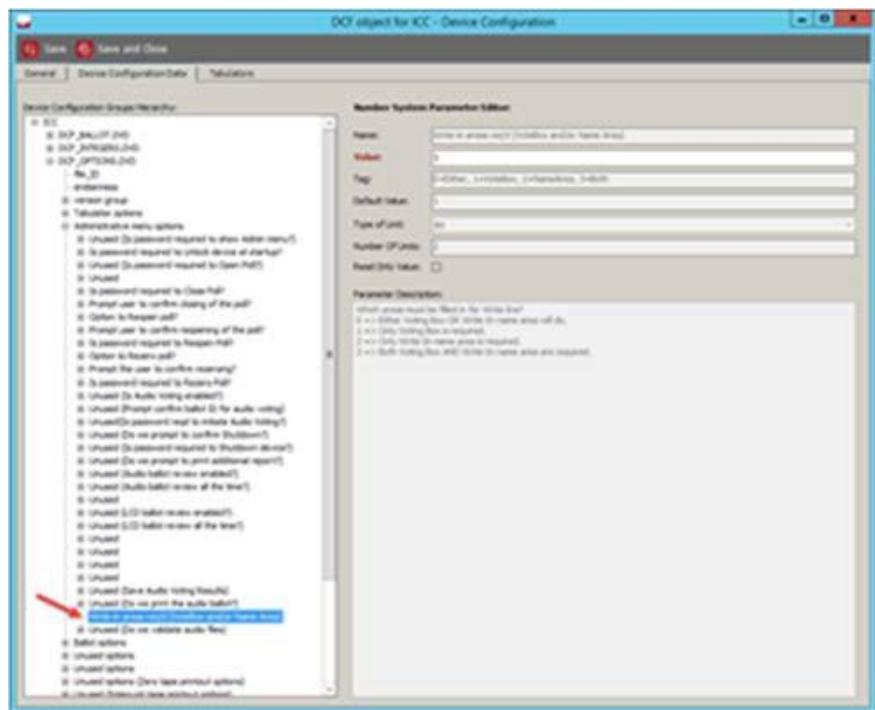
- Expand the **DCF_OPTIONS.DVD** submenu.



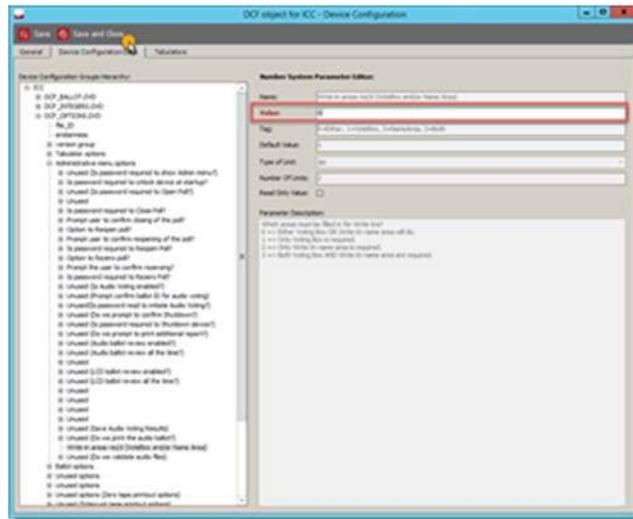
10. Expand the **Administrative menu options** submenu.



11. Select the **Write-in areas req'd (voteBox and/or Name Area)** option.



- Set the **Value** field to 0. This allows for write-in detection to look at either the voting box (target area) or the Write-in Name area.

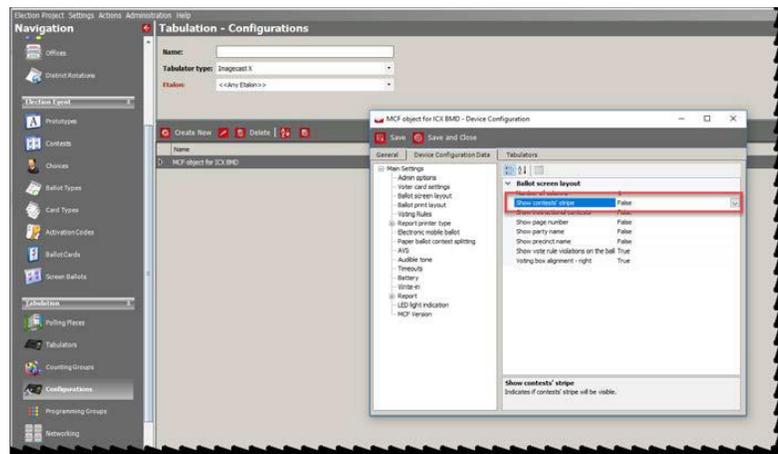


- Click **Save and Close**.

R. (EED-5)

To prevent a problem with scrolling on the ICX for long contests the following steps or Condition F (ICX-6) must be taken to not display the Contests Stripe:

- Open EED. Log into the Election Project.
- Expand the **Tabulation** section from the left navigation pane.
- Select **Configurations**.
- Set the Tabulator Type to **ImageCast X**. Click **Search**.
- Select **MCF object for ICX BMD**.
- Select the **Device Configuration Data** tab.
- From under the **Main Settings** menu, select **Ballot screen layout**.
- Set **Show Contests' Stripe** to **False**.



- Click **Save and Close**.

S. (EED-6)

The county must include the text "Ballot Type" and the Ballot Type keyword in the headers for both ICX and paper ballots. The county must verify the presence

of the text “Ballot Type” and the Ballot Type keyword in the headers of ICX ballots and the artwork for paper ballots before the county prints ballots on demand, or finalizes its ballot printing order with a third-party print vendor.

T. (EED-7)

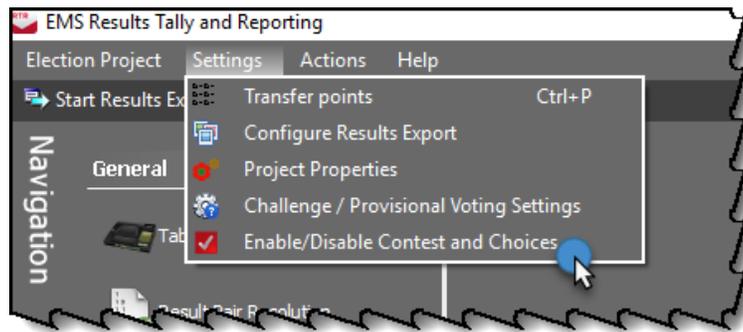
A county that uses election staff to build the election database and layout ballots in the voting system (rather than engaging Dominion to provide those services) may use the project template created by Dominion for the specific type of election in question and the version of the voting system being used by the county and authorized for use in Colorado by the Secretary of State.

U. (RTR-1)

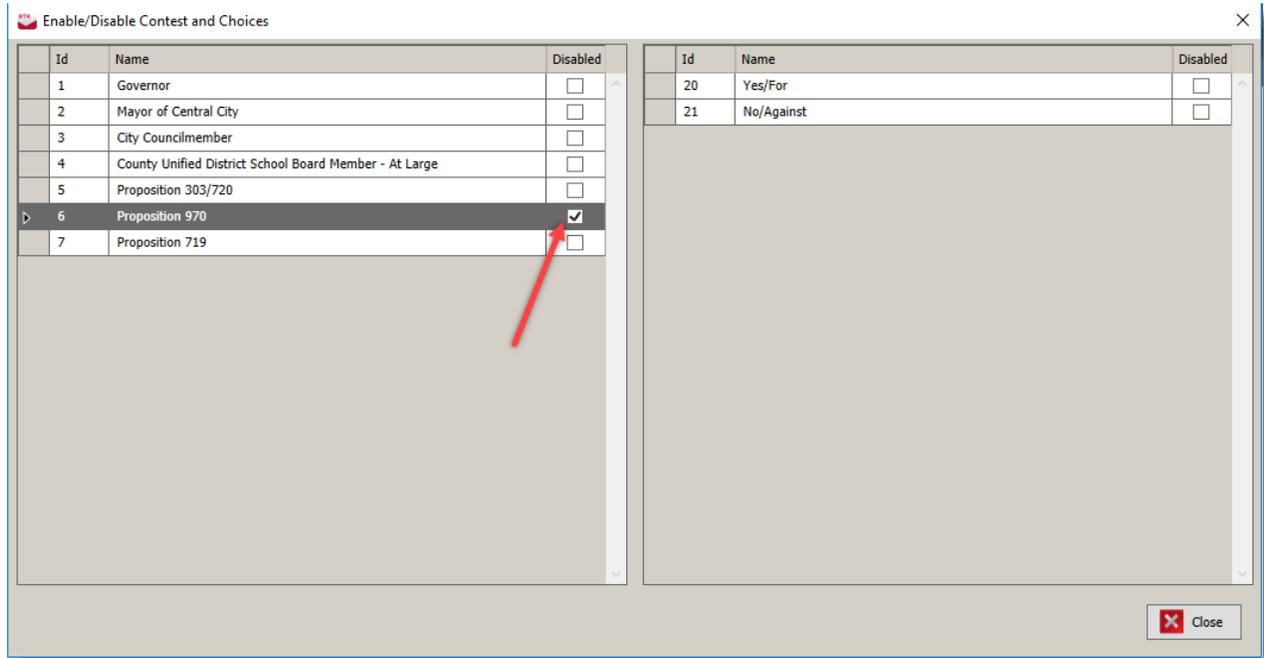
If, after ballots are printed, a) the designated election official withdraws a ballot contest, b) the only candidate in a ballot contest withdraws, or c) a ballot includes a contest for which there are no candidates for the office in question, the county must disable the ballot contest in RTR before generating results reports. The ballot contest should remain disabled throughout the election until after all ballots have been tabulated and the canvass board certifies official results. RTR will not tabulate any votes, undervotes or other voter markings in a ballot contest that has been disabled in RTR, and the disabled contest will not be listed in any results report or results.

To disable a ballot contest in RTR:

1. Open the Election Project in RTR.
2. From the Top menu, select **Settings**.
3. From the **Settings** drop down menu, select **Enable / Disable Contest and Choices**.



4. Locate the contest you wish to disable in the Contest List. Select the checkbox in the **Disabled** column next to the **Contest Name**.

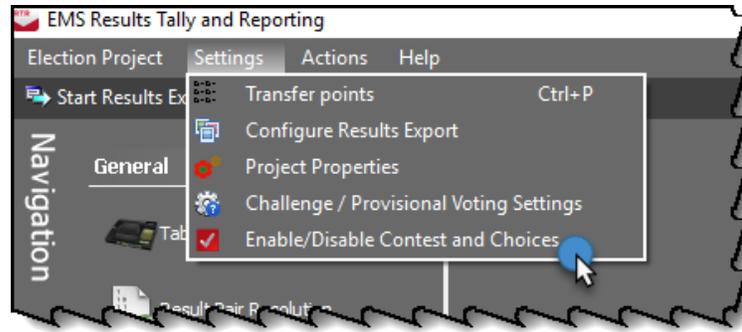


V. (RTR-2)

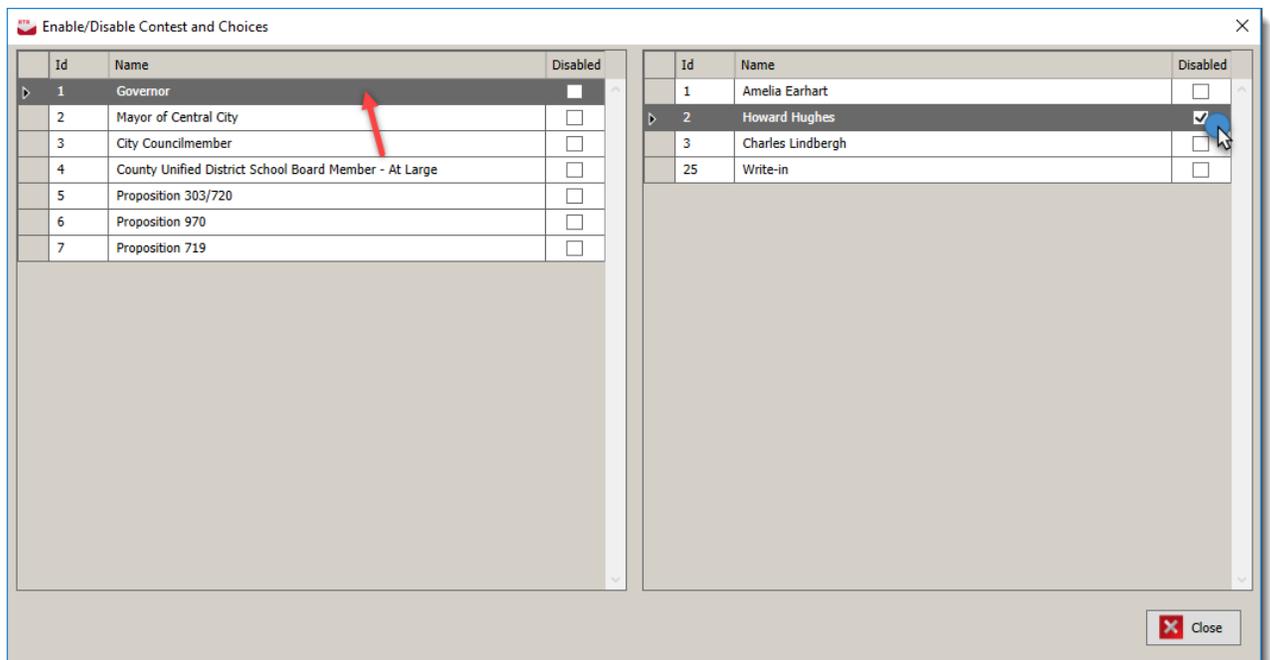
If after ballots are printed a candidate in a contested ballot contest withdraws, the county must not disable the candidate in RTR before scanning ballots and adjudicating ballots. Rather, the county must disable the candidate in RTR after scanning and adjudicating ballots but before printing any results reports or exporting any results or CVR files. If a county prints results reports or exports results or CVR files before all ballots cast in the election have been tabulated (such as preliminary results files uploaded to the ENR system, when the county has more ballots to scan and adjudicate), the county must un-disable (or enable) the withdrawn candidate before scanning and adjudicating any additional ballots. Similarly, the county must disable the withdrawn candidate again in RTR before printing other results reports or exporting results or CVR files reflecting votes contained on those additional ballots. This process must be repeated until all ballots cast in the election have been scanned, adjudicated and reported.

To disable a withdrawn candidate in a contested contest in RTR after scanning and adjudication but before printing or exporting results or CVRs:

1. Open your Election Project in RTR.
2. From the Top Menu, select **Settings**.
3. From the **Settings** drop down menu, select **Enable / Disable Contest and Choices**.



4. Select the contest the candidate is withdrawing from. This will populate the candidate list at the right.
5. Select the checkbox in the **Disabled** column next to the candidate name.



6. Select Close from the lower right-hand corner of the window

To un-disable (or enable) a withdrawn candidate before resuming ballot scanning and adjudication, follow the above steps but **un-check** the **Disabled** box at the bottom of the window in Step 4, and choose **Save and Close**.

W. (EDT-1)

Before importing the SCORE election definition export file into Election Data Translator (EDT), the county must (a) convert the SCORE election definition export file format from .xls to .xlsx, and then (b) update the .xlsx file to the current EDT file format, according to the instructions provided by Dominion.

X. (ICC-1) In order to facilitate the risk-limiting audit, the county must segregate and secure scanned ballots in the same order they were scanned, and by ICC scanner and batch number.

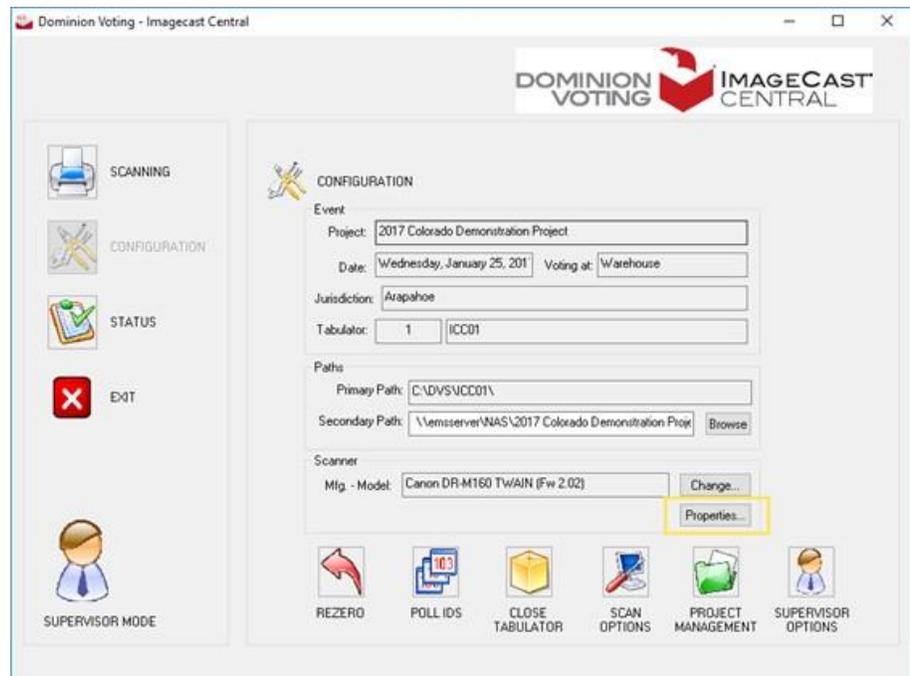
Y. (ICC-2) The county must verify the red drop-out scanner settings in the ICC application prior to scanning. On written request by a county, the Secretary of State may waive the requirement to utilize red drop-out, in which event the county must verify the scanner settings specified in the Secretary of State’s written approval of the waiver request.

1. Open the ICC Application and enter **Administrator Mode** by connecting the iButton. Enter the Administrator password when prompted.

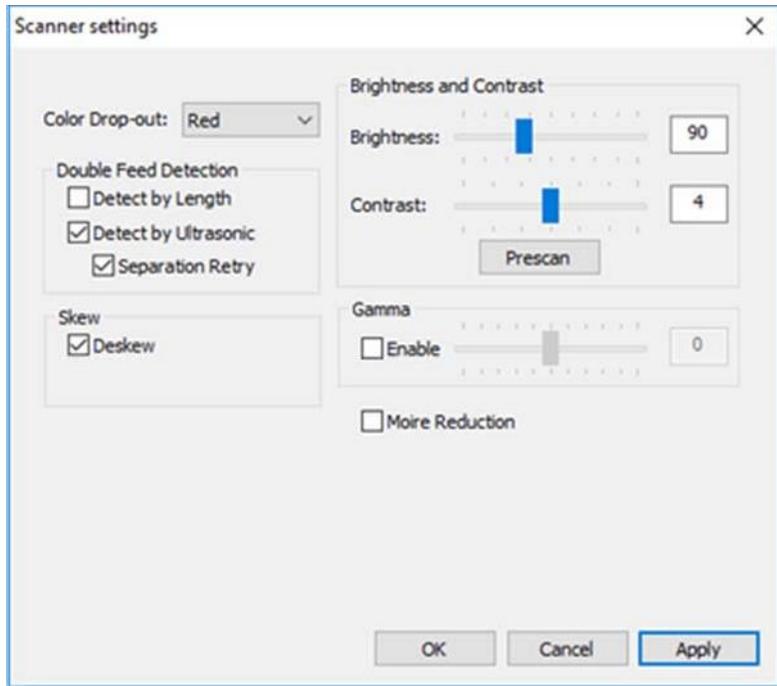


2. Enter **Supervisor Mode**, by selecting the **Administrator Mode** icon in the lower left. Enter the Supervisor password when prompted.

3. Select the **Configuration Menu** option on the left. In the **Configuration** window, select **Properties** in the lower section under **Scanner**.



- When the **Scanner Settings** window opens, verify or adjust the following options as necessary. (Note that all options are not available for all scanner models. The county may disregard any options that are not available for its particular scanner model.)



- Color Drop-out: Red
- Detect by Length: Not selected
- Detect by Ultrasonic: Selected
- Separation Retry: Selected (not available on all scanner models)
- Deskew: Selected
- Edge Cleanup: Selected (not available on all scanner models)
- Doc Orientation: Portrait (not available on all scanner models)
- Brightness:
 - Set to 90 for DR-G1130 scanners
 - Set to 110 for DR-M160II and DR-X10C scanners
- Contrast: Set to 4
- Gamma: Not selected
- Moire Reduction: Not selected

- When finished, click **OK**.
- Click the **Supervisor Mode** icon to return to **Administrator Mode**.

Z. (ICC-3)

The county must calibrate each ballot scanner before conducting the logic and accuracy test required by Rule 11.3.2, by using Dominion’s calibration sheet and instructions.

AA. (ICC-4) For elections with multi-card ballots, the voting system increases by one the number of ballots cast each time the first ballot card is scanned. If a voter fails or omits to return the first card of multi-card ballot, the county must insert a blank first card as a placeholder before the ballot cards comprising the ballot are scanned. The county may, but is not required to, similarly insert before scanning blank placeholder cards for any missing second or subsequent card of a multi-card ballot. The county may add a unique mark or stamp to an area that cannot be tabulated of all blank placeholder cards, in order to quickly identify them and expedite their digital adjudication. The county must adopt processes that preserve voter anonymity in determining whether blank placeholder cards will be inserted before scanning multi-card ballots.

BB. (ADJ-1) The clerk and recorder must appoint an adjudication team consisting of two election judges to work at each adjudication workstation. The county clerk must appoint adjudication team members so that each adjudication team is a validly constituted resolution board in accordance with Election Rule 18.3.2(c). Each adjudication team must resolve markings on ballots sorted for adjudication by the voting system in accordance with the most recent version of the Secretary of State’s Voter Intent Guide. Since the individual members comprising an adjudication team may change from time to time during the election cycle, and in order to maintain an audit record of the individual election judges who resolved each adjudicated ballot in the election, the county must require the members of each adjudication team to record the dates and times of their work.

CC. (RSD– 1) When inserting removable media into any workstation or component of the voting system (other than an ICX), the county must manually scan the media with Windows Defender.

1. Click the **Start** button in the lower left corner, scroll down the list to **Windows System** and select **Windows Defender** from the dropdown menu.
2. Select **Custom** from the scan options on the main screen and click **Scan now**. Select the drive with your inserted removable media by checking the box and click **OK**.

DD. (RSD-2) In accordance with Election Rule 20.5.3, and unless explicitly permitted by the exceptions listed in paragraphs 1-5 of this Condition, the county may not insert a removable storage device into any workstation or component of the voting system unless a) the device is obtained from a trusted source and has never been used previously, b) the county first reformats a previously used device on an air-gapped computer or reformatting device that has not been connected to the internet since its acquisition by the county, c) the device is hardened against malware and approved for use by the Secretary of State, and the county uses the built-in controls to erase or reformat the device after it has been used on an internet-connected computer.

A previously used removable storage device containing data may be inserted

into a voting system workstation or component under any of the following circumstances:

1. A removable storage device containing only election definition data downloaded from SCORE in compliance with Election Rule 20.5.3(b);
2. A removable storage device containing only election and ballot style data files downloaded from the EMS workstation in compliance with Election Rule 20.5.3(c) that is used to prepare a BMD for testing or use in an election;
3. A removable storage device containing only database and project files programmed by a third-party programming service provider in compliance with Election Rules 20.5.3(d) and Condition EE (RPS-1) below;
4. A removable storage device containing only anti-virus and malware definitions and files downloaded from the Secretary of State's SFTP site from a SCORE workstation, if the removable device was never used or is reformatted in accordance with this Condition before its insertion into the county workstation that accesses the SFTP site; or
5. A removable storage device containing data that is authorized in writing by the Secretary of State.

- EE. (RPS-1) The county must not copy to, install on or import into any workstation or other component of the voting system, a database, project or other file programmed or created by a third-party programming service provider, unless the third party provides the county with a signed affirmation certifying compliance with the requirements of Election Rule 20.7, in a form approved by the Secretary of State.
- FF. (CVR-1) The county must delete the Counting Group column from the Dominion cast vote record (CVR) export file before hashing and uploading the CVR file to the Secretary of State in accordance with Rule 25.2.2(e) and (f).
- GG. (DUP-1) If a paper ballot includes an instruction advising voters to correct mistaken or erroneous markings by crossing out the incorrect choice and marking the target area next to the correct choice, election judges must visually inspect before scanning, at a minimum, all ballot styles containing a multi-vote (vote-for-two or -more) ballot contest. If the corrected marking creates an overvote condition that will result in the corresponding ballot image being queued to the voting system's adjudication application for resolution by a bipartisan team of election judges, the ballot may be scanned. If the corrected marking does not create an overvote condition, a bipartisan team of election judges must physically duplicate the ballot to reflect the voter's intent and then scan the duplicate ballot, in accordance with Election Rule 18.4 and the Secretary of State's Voter Intent Guide.

Appendix A Device Seal Locations

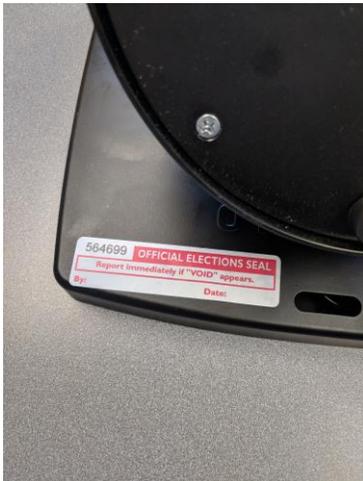
Unless the Secretary of State gives written approval in advance of alternate seal locations and chain-of-custody procedures, the County Clerk and Recorder (or his or her designee) must affix tamper-evident seals at the following locations of the ICX in-person voting components:

ICX Samsung - Armodilo Case Seals:

Bottom Case Seal – Over 1 screw.



Main Bezel Seal – Over 1 screw.



ICX Classic Case Seals:

Upper Door Seal:



Lower Door Seal:



ATI Seals:

1. Use two seals. After plugging the cable from the ICX into the ATI, attach the seal over the back of the ATI and wrap around the cable.



2. With the second seal, wrap around the end of the first seal that is attached to the cable, make sure that the seal number is visible on both seals.



3. ATI USB Cable (ICX Samsung Only) – Seal the USB connection of the ATI Cable to the bottom of the ICX so that the seal covers both ends of the cable.



Printer Seals:

1. Use two seals. After plugging the USB cable into printer, wrap one seal around the cable as close to the printer as possible creating a tail pointing down that is able to stick to the printer.



2. Stick the tail over the Ethernet port.



3. Place the second seal over the tail of the first seal and the Ethernet port and log the second seal number.



Storage Seals:

When not in use any loose cables should have a seal covering the end of the cable:



Appendix B Password Schedule

Password	Change
Tech Card PIN	Once per year
Pollworker Card PIN	Once per Election
iButton	Once per Election
Admin/Tech Advisor Project User Account	Once per Election
RTR User Account	Once per Election
Windows Admin Account	Once per Year
Windows User Account	Once per Election