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# CREATING CVR AND AUDIT IMAGES EXPORT

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**Please direct inquiries to:**

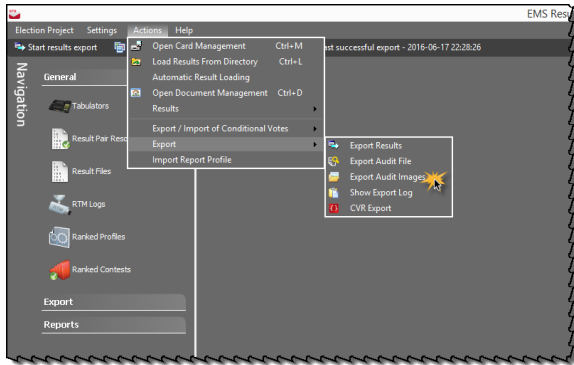
Dominion Voting Systems

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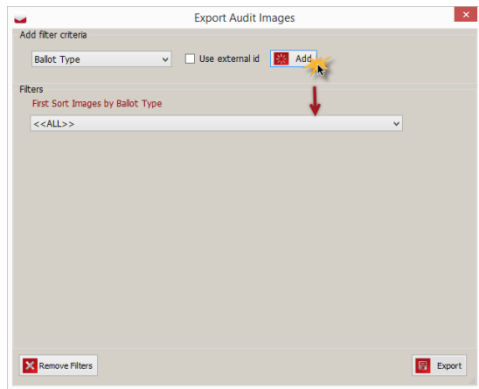
Telephone 1.866.654.8683

# Extracting the ‘Scanned Ballot Files’

1. Open the Results Tally and Reporting (RTR) application
2. Select **Actions**
3. Select **Export**
4. Select **Export Audit Images**



5. From the Export Audit Images window, select any necessary filter criteria for the export. For example: selecting ‘Ballot Type’ will allow you to narrow your export down to include only audit images for a particular ballot type/style.
6. Select the desired filter criteria and hit “Add”



7. Apply any search filters desired. The search filter selected will also determine how the ballot images are handled. For example, if you select “Contest”, the ballot images will be sorted into folders by each particular contest:

By Contest:

A folder will be created for each contest within the election:

NAS > Arapahoe 2016 Primary > Results > AuditImages > Audit2016\_06\_17\_22\_30\_49 >

Name	Date modified	Type
Con_County Commissioner District 1 - DEM	6/17/2016 10:31 PM	File folder
Con_County Commissioner District 1 - REP	6/17/2016 10:31 PM	File folder
Con_County Commissioner District 3 - DEM	6/17/2016 10:31 PM	File folder
Con_County Commissioner District 3 - REP	6/17/2016 10:31 PM	File folder
Con_County Commissioner District 5 - DEM	6/17/2016 10:31 PM	File folder
Con_County Commissioner District 5 - REP	6/17/2016 10:31 PM	File folder
Con_District Attorney - 18th Judicial District - DEM	6/17/2016 10:31 PM	File folder
Con_District Attorney - 18th Judicial District - REP	6/17/2016 10:31 PM	File folder
Con_Regent of the University of Colorado - At Large - DEM	6/17/2016 10:31 PM	File folder
Con_Regent of the University of Colorado - At Large - REP	6/17/2016 10:31 PM	File folder
Con_Regent of the University of Colorado - Congressional District 1 - DEM	6/17/2016 10:31 PM	File folder
Con_Regent of the University of Colorado - Congressional District 1 - REP	6/17/2016 10:31 PM	File folder
Con_Regent of the University of Colorado - Congressional District 4 - DEM	6/17/2016 10:30 PM	File folder
Con_Regent of the University of Colorado - Congressional District 4 - REP	6/17/2016 10:30 PM	File folder
Con_Representative to the 115th United States Congress - District 1 - DEM	6/17/2016 10:31 PM	File folder
Con_Representative to the 115th United States Congress - District 1 - REP	6/17/2016 10:31 PM	File folder

Ballot images will be placed within each folder:

AuditImages > Audit2016\_06\_17\_22\_30\_49 > Con\_Regent of the University of Colorado - At Large - DEM

Name	Date modified	Type	Size
00001_03601_000004.tif	6/17/2016 10:24 PM	TIFF image	75 KB
00001_03601_000013.tif	6/17/2016 10:24 PM	TIFF image	76 KB
00001_03601_000018.tif	6/17/2016 10:24 PM	TIFF image	76 KB
00001_03601_000019.tif	6/17/2016 10:24 PM	TIFF image	75 KB
00001_03601_000020.tif	6/17/2016 10:24 PM	TIFF image	83 KB
00001_03601_000021.tif	6/17/2016 10:24 PM	TIFF image	76 KB
00001_03601_000022.tif	6/17/2016 10:24 PM	TIFF image	76 KB
00001_03601_000025.tif	6/17/2016 10:24 PM	TIFF image	75 KB
00001_03601_000026.tif	6/17/2016 10:24 PM	TIFF image	76 KB
00001_03601_000027.tif	6/17/2016 10:24 PM	TIFF image	76 KB
00001_03601_000028.tif	6/17/2016 10:24 PM	TIFF image	75 KB
00001_03601_000032.tif	6/17/2016 10:24 PM	TIFF image	76 KB
00001_03601_000038.tif	6/17/2016 10:24 PM	TIFF image	74 KB

Ballots will appear in multiple folders within this export, as the image will be exported into each folder for every single one of a ballot's particular contests.

For purposes of Risk Limiting Audits, the best method of exporting ballot images is by Batch ID. This will result in a folder for each Batch of ballots scanned, so each ballot should appear in the export only once, within its respective batch folder.

Export created by Batch ID:

Example of folders for each batch:

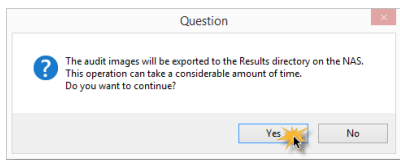
NAS > Arapahoe 2016 Primary > Results > AuditImages > Audit2016\_06\_17\_22\_38\_29 >

Name	Date modified	Type	Size
Bld_1	6/17/2016 10:58 PM	File folder	
Bld_2	6/17/2016 10:58 PM	File folder	
Bld_401	6/17/2016 10:58 PM	File folder	
Bld_402	6/17/2016 10:58 PM	File folder	
Bld_801	6/17/2016 10:58 PM	File folder	
Bld_802	6/17/2016 10:58 PM	File folder	
Bld_1201	6/17/2016 10:58 PM	File folder	
Bld_1202	6/17/2016 10:58 PM	File folder	
Bld_1601	6/17/2016 10:58 PM	File folder	
Bld_2001	6/17/2016 10:58 PM	File folder	
Bld_2002	6/17/2016 10:58 PM	File folder	
Bld_2003	6/17/2016 10:58 PM	File folder	
Bld_2401	6/17/2016 10:58 PM	File folder	
Bld_2402	6/17/2016 10:58 PM	File folder	
Bld_2801	6/17/2016 10:58 PM	File folder	
Bld_3201	6/17/2016 10:58 PM	File folder	
Bld_3202	6/17/2016 10:58 PM	File folder	
Bld_3601	6/17/2016 10:58 PM	File folder	

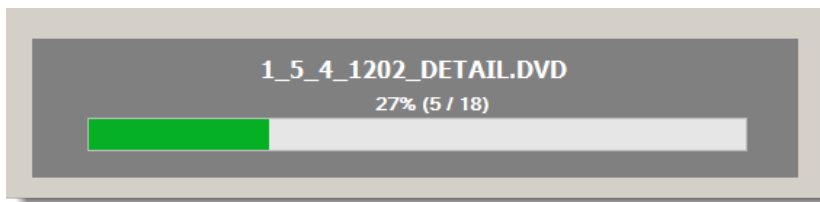
Each batch's ballot images will be placed within each folder:

NAS > Arapahoe 2016 Primary > Results > AuditImages > Audit2016_06_17_22_58_29 > Bld_1202			
Name	Date modified	Type	Size
00004_01202_000001.tif	6/17/2016 10:24 PM	TIFF image	85 KB
00004_01202_000002.tif	6/17/2016 10:24 PM	TIFF image	85 KB
00004_01202_000003.tif	6/17/2016 10:24 PM	TIFF image	74 KB
00004_01202_000004.tif	6/17/2016 10:24 PM	TIFF image	82 KB
00004_01202_000005.tif	6/17/2016 10:24 PM	TIFF image	80 KB
00004_01202_000006.tif	6/17/2016 10:24 PM	TIFF image	82 KB
00004_01202_000007.tif	6/17/2016 10:24 PM	TIFF image	78 KB
00004_01202_000008.tif	6/17/2016 10:24 PM	TIFF image	81 KB
00004_01202_000009.tif	6/17/2016 10:24 PM	TIFF image	83 KB
00004_01202_000010.tif	6/17/2016 10:24 PM	TIFF image	70 KB
00004_01202_000011.tif	6/17/2016 10:24 PM	TIFF image	71 KB
00004_01202_000012.tif	6/17/2016 10:24 PM	TIFF image	72 KB
00004_01202_000013.tif	6/17/2016 10:24 PM	TIFF image	70 KB
00004_01202_000014.tif	6/17/2016 10:24 PM	TIFF image	71 KB

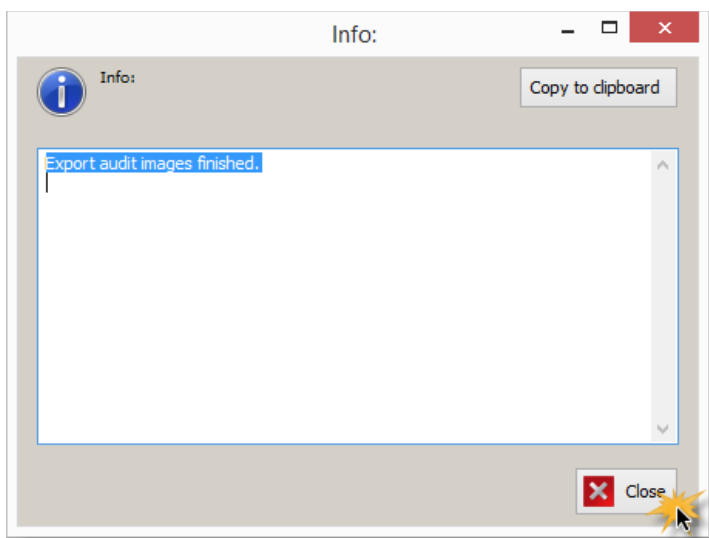
8. After selecting your search filters, select Export.
9. A confirmation window will appear. Select 'Yes' when you are ready to continue.



10. A progress bar will display as the images are exported.

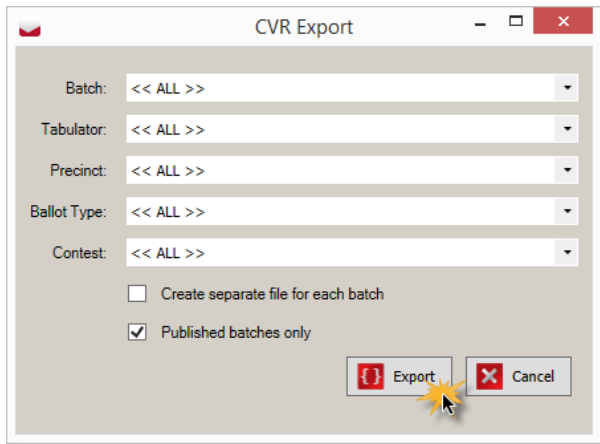


11. When the export has completed, and informational message will display indicating "Export audit images finished." Click Close.



Producing the Cast Vote Record export

12. Log into your project in RTR
13. Select **Actions**
14. Expand the Export submenu
15. Select CVR Export
16. From the CVR export window, select any criteria necessary to filter the export. For the purposes of the risk limiting audit export, no criteria should be applied, so that the CVR export includes all cast vote records for the entire election.
17. Click Export



18. An informational message will appear when the export has completed successfully. Click Close.

### Locating the exported images and CVR Export

1. The ballot images will be located on the NAS, within your project folder, in the Results folder, in a new folder titled: **Auditimages** (see screenshot below)
2. The CVR Export will be created in the form of a zip file containing multiple .JSON files, on the NAS within your project folder, in the results folder (see screenshot below)

A screenshot of a file explorer window showing the contents of a folder named 'Results' under the path 'NAS > Arapahoe 2016 Primary'. The window displays a list of files and folders. A red arrow points from a text box to the 'AuditImages' folder. Another red arrow points from a text box to the 'CVR\_Export\_20160617233157.zip' file.

Name	Date modified	Type	Size
AuditImages	6/17/2016 11:19 PM	File folder	
Tabulator00001	6/17/2016 10:24 PM	File folder	
Tabulator00002	6/17/2016 10:24 PM	File folder	
Tabulator00003	6/17/2016 10:24 PM	File folder	
Tabulator00004	6/17/2016 10:24 PM	File folder	
Tabulator00005	6/17/2016 10:24 PM	File folder	
Tabulator00006	6/17/2016 10:24 PM	File folder	
Tabulator00007	6/17/2016 10:24 PM	File folder	
Tabulator00008	6/17/2016 10:24 PM	File folder	
Tabulator00009	6/17/2016 10:24 PM	File folder	
Tabulator00010	6/17/2016 10:24 PM	File folder	
CVR_Export_20160617233157.zip	6/17/2016 11:31 PM	Compressed (zipp...	8 KB