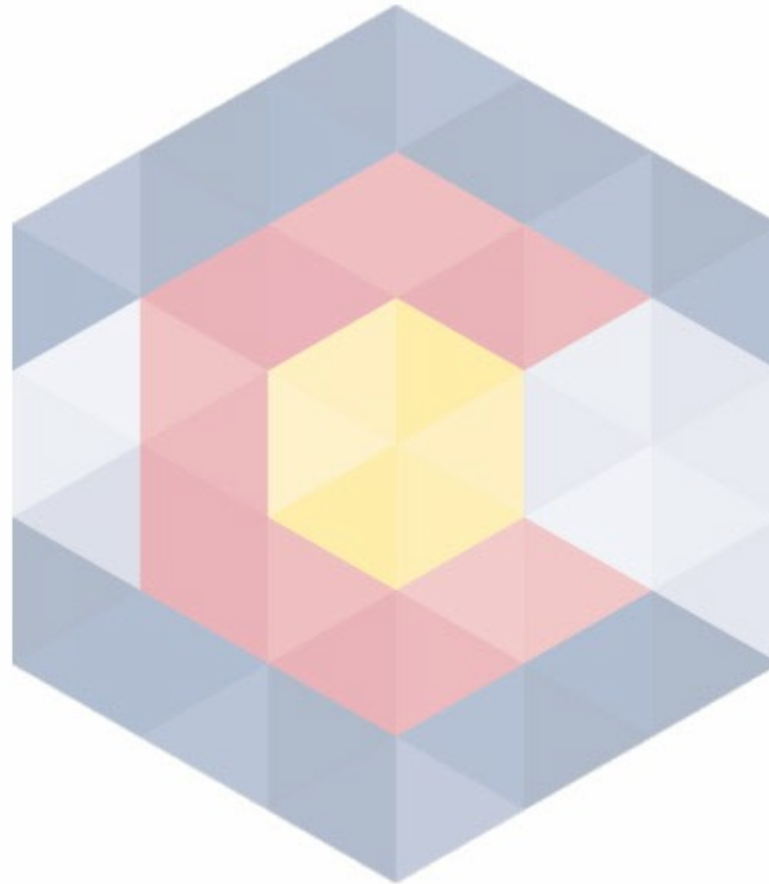


Colorado Risk-Limiting Audit Review



Overview

- Why RLA in 2017?
- Election Rules
- RLA Software
- County Training
- RLA Timelines
- Video
- Questions

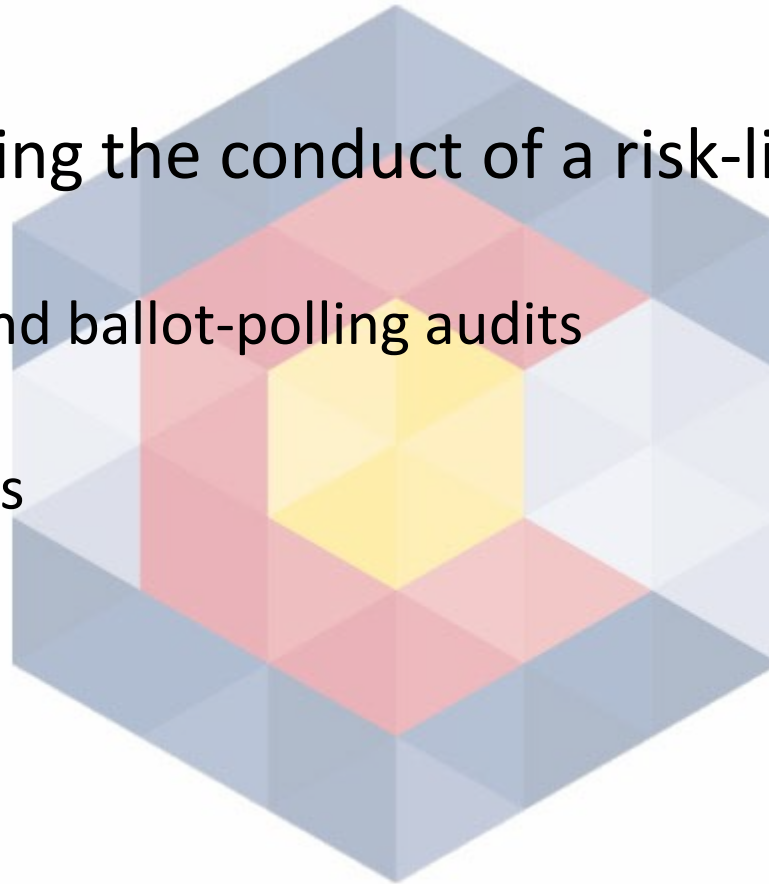


Why RLA in 2017?

- In 2009 statute passed to require RLA by 2014 General Election
- In 2013 deadline changed to 2017 Coordinated Election
 - The voting systems did not support exporting a cast vote record file
- 2015:
 - Committee formed to recommend a statewide voting system
 - 8 counties piloted 4 vendors equipment in Coordinated Election (Clear Ballot, Dominion, ES&S, and Hart)
 - Dominion was chosen
- 2016: 18 counties used Dominion
- 2017: 54 counties used Dominion

Election Rules

- Election rules governing the conduct of a risk-limiting audit had to be created
 - Comparison audits and ballot-polling audits
 - Setting the risk limits
 - Choosing the contests
 - Public meetings
 - Timelines



RLA Software

- The RLA software:
 - Allows counties to upload a ballot manifest file and cast vote record file
 - Allows the state to define and start the audit
 - Risk limit, random seed, and contests to be audited
 - Selects ballots for counties to audit
 - Allows counties to enter markings on each contest for each selected ballot
 - Compares ballot markings to the cast vote record and determines if the risk limit is met
 - Selects more ballots for contests where the risk limit was not met
- The RLA software does not support ballot-polling audits

County Training

- Spring, 2017
 - Introduced the concept of risk-limiting audits
 - Demonstrated scanning batches of ballots and emphasized keeping ballots in order
- Late summer, 2017
 - Discussed processes the counties needed to develop
 - Demonstrated the RLA software
- Mock logic & accuracy test results upload
 - Counties uploaded ballot manifest and CVR files to RLA software
 - Audit started so counties could practice pulling ballots and entering data



RLA Timelines

- Define risk limits – 32 days before election
- Counties appoint an audit board – 15 days before election
- Secretary selects contests to audit – 3 days after election
- Counties finish scanning ballots and uploads ballot manifest and CVR files to RLA software – 9 days after election
- Random seed is selected and audit is started – 10 days after election
- Counties finish 1st round of audit – 13 days after election
- Canvass deadline – 17 days after election
 - The day after Thanksgiving

RLA Video

- Prepared for the Colorado Secretary of State to document the RLA activities
- Arapahoe County volunteered to host visitors
- Video link
 - <https://www.youtube.com/watch?v=ysG4pFFmQ-E>



Questions?

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