SECURITY COMPARISON

BMD Ballot Marking Device **VS** **DRE** Direct-Recording Electronic

The key security feature of a BMD compared to a DRE is that it produces a human readable paper ballot

PAPER BALLOT

Human readable for voter verification, auditing, and recounts

Supports end-to-end auditability from paper ballot to tallied cast vote record

Tallied centrally in a secure facility on an independent vote tabulation system

Ballot not stored electronically on device; clear chain of custody

Cannot be altered without detection

ELECTRONIC BALLOT

Intangible record of voter intent that cannot be easily verified by the voter

Limited ability to audit ballots that were counted as cast

Tally on local device poses security risks

Ballot stored electronically on device; increased risk in data transfer

Can be difficult to detect altered ballots and tallies

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