

MAKE YOUR OWN CONCLUSIONS!

DREs - Electronic Ballot Machines - - Diebold vs. ES&S

DRE VVPAT¹ paper rolls	Diebold DREs	ES&S DREs
<i>independently</i> countable?	No	Yes
paper quality	thinner lighter	wider heavier
demonstrated method to count VVPAT to Utahns	No	Yes
demonstrated working paper rolls	Sometimes	Yes
DRE Features	Diebold	ES&S
Secure Small Operating System?	No	Yes
Security Flaws Discovered by Computer Scientists?	Yes	No
Company Differences	Diebold	ES&S
Specializes in Voting & Elections Systems?	No	Yes

Optical Scan Systems - Diebold vs. ES&S

Optical Scan Systems	Diebold OptiScans	ES&S Optiscans
Ballot Marker for Disabled?	no disability system offered	Yes
HAVA compliant?	no disability system offered	Yes

Optical Scan vs. DREs

	DREs (both Diebold & ES&S)	Op-Scan (both Diebold & ES&S)
Initial Expense	Very Costly	Reasonable
Ongoing Expenses	Very Costly	Reasonable
Independently Auditable?	ES&S - Yes but expensive & technical Diebold - No	Very Easily with no extra equipment required
Long Poll Lines?	Yes - esp. if machines fail	No - not machine dependent
Vote Casting Dependent on Electrical Power Supply?	Yes - all Voters	ES&S - Yes - for Disabled Voters Only (Diebold NA)
Recover from Computer Glitches & Count Errors?	Difficult with VVPAT paper rolls.	Yes - Easy w/ hand-countable paper ballots
Election Administration	Complex, Time-consuming	Simpler
Security?	Very Difficult to Secure	Simpler to Secure
Privacy for Disabled?	No - ballots handled separately	ES&S - Ballots handled the same for disabled voters as other voters. (Diebold NA)

Prepared by Kathy Dopp

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¹ VVPAT is "voter verifiable paper audit trail"