Fwd: Another couple of interesting links:

Jerdonek, Chris (REG)

Mon 10/16/2017 6:25 PM

To:Jerdonek, Chris (REG) <chris.jerdonek@sfgov.org>;

---------- Forwarded message ----------
From: **Carl Hage** <osv@carlhage.com>
Date: Tue, Oct 10, 2017 at 4:00 PM
Subject: Another couple of interesting links:
To: Chris Jerdonek, Larry Bafundo, Roan Kattouw, Tony Wasserman
Cc: Donald Chan <donald.chan@sfgov.org>

In doing more reading, I came across an important link about the openvotingconsortium.org (now defunct). There is a very good usenix paper on their plans, which I think is a good outline (set of principles) for the basis of a new system for SF.

"A PC-Based Open-Source Voting Machine with an Accessible Voter-Verifiable Paper Ballot"
http://gnosis.cx/publish/voting/electronic-voting-machine.pdf

They built a demo in 2004 and showed it to the Santa Cruz Registrar of Voters and some news media, but no open source was released, and the demo was never productized.

I also came across a (closed source) vendor that is making a similar system with COTS hardware. (Electronic voting machines just print regular paper ballots processed by scanning.)

https://www.clearballot.com/technology/clearaccess

From the VerifiedVoting summary <https://www.verifiedvoting.org/resources/voting-equipment/clear-ballot-group/clearvote/> it's used in 6 Oregon counties.

They submitted an RFI to SF:
https://www.verifiedvoting.org/wp-content/uploads/2015/10/CA_San_Francisco_RFI_20150828_ClearBallot.pdf
a 38 page description of their system-- maybe there is an original link at sf.gov, but I could not find it.

[Their spiel [maybe patented] is a way to display the questionable scanned marks (ovals) for quick human analysis. Adjudication is done with scanned images.]

[No need to reply.]