

**OPEN SOURCE VOTING SYSTEM
TECHNICAL ADVISORY COMMITTEE**

Christopher Jerdonek, Chair
Roan Kattouw, Vice Chair
Carl Hage
Tony Wasserman



**ELECTIONS COMMISSION
*City and County of San Francisco***

Don Chan, Secretary

May 14, 2019

To: Elections Commission

From: Open Source Voting System Technical Advisory Committee (OSVTAC)

RE: OSVTAC Report #6 (May 2019) - DRAFT

This is the sixth report of the Open Source Voting System Technical Advisory Committee (OSVTAC, or TAC) to the Elections Commission.

Below is a description of the TAC's activities since the last report dated January 14, 2019. Prior reports to the Commission are available at <https://osvtac.github.io/about>.

Meetings

Since its last report, the TAC has had three regular meetings and two special meeting:

- Thursday, February 14 at 6pm at City Hall in Room 421
- Thursday, March 14 at 6pm at City Hall in Room 421
- Sunday, March 17 at 3pm at the San Francisco Public Library in the Martin Paley Conference Room (special meeting)
- Thursday, April 11 at 6pm at City Hall in Room 421
- Sunday, April 21 at 3pm at the San Francisco Public Library in the Martin Paley Conference Room (special meeting)

During the special meetings, the TAC members worked on the proof-of-concept open source results reporter ("ORR") software. Attendance at these special meetings was optional for TAC members.

The minutes for these and all previous meetings can be found at <https://osvtac.github.io/past-meetings>.

Department of Technology

Director Gerrull informed TAC that the Department of Technology has hired Sean Roberts as the technical project manager / lead for the Open Source Voting project. Director Gerrull also submitted a \$3 million budget request for the project to the Committee on Information Technology (COIT).

Director Gerrull was scheduled to present at a TAC meeting during the time period covered in this report, but had to reschedule. She is now scheduled to speak to the TAC at its May 14 meeting.

Voting system component development

The TAC continued work on its open source, proof-of-concept work on voting system components. This includes work on an open source election results reporter (“ORR”). Since the last report, Carl Hage, Chris Jerdonek and Roan Kattouw worked on importing data from the June 2018 and November 2018 elections, encoding more information about results (such as turnout numbers, and which candidate(s) won a contest), and improving the visual presentation of the results. Chris Jerdonek met with Director Arntz to demonstrate the result reporter’s output on April 26.

TAC's GitHub repositories can be found under its GitHub account here: <https://github.com/OSVTAC>.

Development of recommendations document

The TAC continues to work on its recommendations document. The current version can be found here: <https://osvtac.github.io/recommendations>.

In the first four months of 2019, the TAC worked to develop language about security and the use of digital signatures. This language is still being refined, and has not yet been added to the report.

Contributor Licensing Agreement (CLA)

At its March 14 meeting, the TAC adopted a CLA. This is a document members of the public must sign if they wish to contribute. The CLA, and instructions for how to sign it, will soon be published at <https://osvtac.github.io/cla>.

State matching funds proposal

Assemblymember Miguel Santiago has introduced a matching funds proposal championed by the California Clean Money Campaign as AB1784. This bill, dubbed the Secure the VOTE Act, would provide up to \$16 million in matching funds for counties to develop an open source voting system. AB1784 is currently on the suspense file in the Assembly Appropriations Committee, and is scheduled for a hearing in that committee on May 16.

Dominion contract

On March 12, the City approved the contract for the temporary voting system with Dominion. The TAC has requested sample ballots for the new system from the department. TAC members were pleased to hear that, with the new system, the Department of Elections will be publishing images of all ballots cast in each election.

Member activities

On March 6, Carl Hage attended a day-long election security conference at Google's Mountain View campus, organized by Santa Clara County. California Secretary of State Alex Padilla was a keynote speaker at the event.

In March, Tony Wasserman participated in a panel about open source voting technologies at the Southern California Linux Expo (SCaLE) in Pasadena.

On May 11, the California Clean Money Campaign organized an event in San Francisco kicking off their efforts to support the open source voting project and the state matching funds bill. Chris Jerdonek attended this event.