



## Los Angeles County Registrar-Recorder/County Clerk

DEAN C. LOGAN  
Registrar-Recorder/County Clerk

June 30, 2021

Honorable Shirley Weber  
Secretary of State  
1500 11<sup>th</sup> Street  
Sacramento, California 95814

### **RESPONSE RELATED TO CONDITIONAL APPROVAL OF LOS ANGELES COUNTY'S VOTING SOLUTIONS FOR ALL PEOPLE (VSAP) 2.1 VOTING SYSTEM**

Dear Secretary Weber:

As requested in your Conditional Approval of Los Angeles County's (County) VSAP 2.1 Voting System (VSAP) dated October 1, 2020, this letter and corresponding report are in response to Condition #24 for the County's use of VSAP.

To comply with this condition the County engaged the services of SLI Compliance, an independent and State-approved Voting Systems Test Lab, to conduct a FIPS 140-2 Assessment Report (attached).

In addition to the findings in the SLI report, that the County would like to provide the following facts regarding the security of VSAP:

- All communications within VSAP are encrypted and use current FIPS allowed algorithms, protecting the information.
- Unlike other systems currently certified and in use, VSAP uses no algorithms deprecated by the FIPS program, nor does it use any operating system for which support has ended, such as Windows 7.
- VSAP utilizes an Enterprise Signing Authority (ESA) infrastructure for generation of encrypted system keys that relies on a FIPS 140-2 Level 3 validated hardware security module (HSM).
- The IronKey, a FIPS 140-2 level 3 compliant encrypted removable media, prevents gaining access to VSAP's Critical Security Parameters (CSPs) and protects VSAP by encrypting/securing all information transported between system interfaces and components. Further, the IronKey device is automatically destroyed upon physical tampering.
- Tamper evident seals are used throughout the VSAP system, including on the Ballot Marking Devices and Tally servers/scanners, to provide another protection

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measure against intrusion. These seals are FIPS rated by the manufacturer (datasheet available upon request).

If you have any questions, please contact me at [dlogan@rrcc.lacounty.gov](mailto:dlogan@rrcc.lacounty.gov) or (562) 462-2716. Your staff may also contact Aaron Nevarez, Assistant Registrar-Recorder/County Clerk at [anevarez@rrcc.lacounty.gov](mailto:anevarez@rrcc.lacounty.gov) or (562) 462-2800.

Sincerely,



DEAN C. LOGAN  
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