

**STATE OF COLORADO**  
**Department of State**

1700 Broadway, Suite 270  
 Denver, CO 80290



**Mike Coffman**  
 Secretary of State

**Holly Lowder**  
 Director, Elections

Paul Nolte  
 Sequoia Voting Systems  
 1800 Glenarm Place, 5<sup>th</sup> Floor  
 Denver, CO 80202

April 7, 2007

Re: Application for Certification of Voting System

Mr. Nolte,

This letter is to inform you that the Colorado Department of State has received your application for certification of the Sequoia AVC Edge Voting System Version 3.1.074 which includes the following components:

- **WinEDS 3.1.074**
- **WFR 1.0.17.0**
- **Election Reporting 1.1.7.0**
- **Election Results 1.1.1.0**
- **AVC Edge I and II - 5.0.31**
- **AVC Edge II Plus - 1.2.33**
- **VeriVote - 4.3**
- **Optech 400-C - 3.00; WinETP 1.14.3**
- **Optech Insight & Insight Plus - HPX K1.44/APX 2.12**
- **Insight Memory Pack Receiver 2.15**
- **Card Activator v5.0.31**
- **HAAT Model 50 v2.1.18**
- **Edge Audio Unit 5.0 Rev. C**

The following items are missing or were unable to be located in the documentation submitted with your application pursuant to requirements identified in Secretary of State Rule 45:

45.4.2; 45.5.2.3.13	Documentation	Documentation of the nature and sensitivity of tactile devices for touch screens and their ability to display and select offices, candidates or issues.
45.4.2; 45.5.2.6.2	Documentation	Security documentation which contains information to prevent, detect and log changes to: Ballot formats, casting and recording votes, calculating vote totals, reporting vote totals, audit records, preventing the recording of a vote, introducing vote data without casting a vote, changing calculated vote totals, preventing access to vote data, and allowing access to determine content of specific votes by a specific voter.
45.4.2; 45.5.2.7.9	Documentation	Documentation of procedures to respond to the following known threats and vulnerabilities: Procedures to monitor threats, to evaluate and respond to threats, to update and/or correct system based on review of threats, and to assist customers to update and/or implement corrective procedures.
45.4.2; 45.5.2.3.19(e)	Documentation	Documentation of the process or procedures for battery charging.
45.4.2; 45.5.2.3.22	Documentation	Documentation of the useful life for voting system and components, and basis for estimate.
45.4.2; 45.4.6	Documentation	Documentation of the instructions for using and installing the trusted build.
45.4.2;	Documentation	Documentation of the projected plan for compliance with the EAC 2005

45.5.2.4.4(a)		VVSG requirements.
45.4.2; 45.5.2.6.1(d)(iv)	Documentation	Provide documentation of the minimum services and executables necessary for the operation of the voting system.
45.4.2; 45.4.4	Documentation	Provide a system overview to contain personnel deployment and training requirements.
45.4.2; 45.4.4	Documentation	The documentation shall also include a configuration plan and quality assurance program.
45.4.2; 45.5.2.2.3	Documentation	Documentation shall include the published processing standards for each component of the voting system.
45.4.2; 45.4.9	Documentation	Documentation of the estimated time of operation under battery power.
45.4.2; 45.5.2.5.2	Documentation	The documentation shall include the level, location and programming of audit trail information subject to the subsections of 45.5.2.5.2.
45.4.2; 45.5.2.6.1(c)(vii)	Documentation	The documentation shall include verification of all cryptography sections to meeting FIPS 140-2 standards.
45.4.2; 45.5.2.7.8	Documentation	Documentation shall include all COTS Hardware, software and services used for telecommunications.
45.4.2; 45.5.2.8.2	Documentation	Documentation of the accessibility requirements identified under subsections of 45.5.2.8.2.
45.4.2; 45.5.2.9.23	Documentation	Documentation of the V-VPAT barcode, or indication that no barcode is used.
45.4.2; 45.5.2.6.4	Documentation	Documentation of the security procedures, measures and recommendations made to purchasers of system.

Your application will be advanced to Phase II – the evaluation of the documentation, but will not be able to proceed to Phase III until the above items are addressed. We will begin to evaluate your application based on the steps identified for Phase II, and anticipate the completion of this process on or around April 26, 2007. As previously discussed, we are currently in-line with the proposed schedule for your Phase III functional testing to begin on May 3<sup>rd</sup>, 2007 assuming no additional delays through our Phase II review of your documentation. If you are experiencing any scheduling problems with this date, please let our office know as soon as possible.

Your application has been assigned the following number: **2007-CDOS-SEQ-001-0403**. Please refer to this number for all future correspondence.

Please contact me directly if you have any questions during the certification process.

Sincerely,

John Gardner  
Voting Systems Specialist  
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