

STATE OF COLORADO

Department of State

1700 Broadway
Suite 200
Denver, CO 80290



Scott Gessler
Secretary of State

Judd Choate
Director, Elections Division

Certification Test:

VCProgrammer 4.6.1 on MS Windows 7

Background:

In August 2014, Weld County requested that the Premier VCProgrammer software application be certified to run on a Windows 7 computer. The VCProgrammer application is used to create voter access cards for the purpose of identifying voters to the AccuVote-TSX DRE. The VCProgrammer can be used in a manual mode where the election judge types in the ballot style of the voter, or it can be configured to read a file from the legacy SCORE system or the VSPC web application and load the correct ballot style. The VSPC web application must run on a Windows 7 computer and VCProgrammer is to be installed on that same computer.

VCProgrammer operating on a Windows 7 computer was not previously tested by a testing laboratory for Premier Election Services. The current vendors for the Premier voting system, Election Systems & Software and Dominion Voting Systems, were both not interested in paying to have VCProgrammer tested in this configuration.

Summary:

On September 11, 2014, the Secretary of State's office, in conjunction with the Weld County Elections office, tested the VCProgrammer application on a laptop with Windows 7 supplied by Weld County. The laptop was a Dell Latitude E6540, with Service Tag #6T2BH12, running Window 7 Enterprise, Service Pack 1. The version of VCProgrammer was 4.6.1.

The VCProgrammer application and a libeay32.dll file were copied from the Secretary of State's trusted build CD to a folder on the desktop of the laptop. The VCProgrammer application was launched and setup with paths to the GEMS voter card data file, the voter registration data file, and the COM port for the smart card reader.

The VSPC web application was run in a sandbox environment where a voter was selected and processed so that a voter registration data file was generated. VCProgrammer displayed the ballot style of the voter card that was to be written and we verified that the ballot style matched the ballot style shown in the VSPC web application. The card was written, removed from the card reader, inserted into an AccuVote-TSX DRE, and the SCORE precinct split displayed on the screen was the same as specified by the VSPC web application. The manual mode was similarly verified by typing a ballot style into the VCProgrammer interface and verifying it on the DRE screen.

Conclusion:

With the successful testing of the VCProgrammer application on a Windows 7 computer VCProgrammer version 4.6.1 is approved for use on Windows 7 computers.

Respectfully,



Dwight Shelman
County Support Manager | CP Voter Registration Coordinator
Colorado Department of State
1700 Broadway, Suite 200
Denver, CO 80290
Office: 303-894-2200 x6313
Fax: 303-869-4861