The State of Texas

John Steen
Secretary of State

REPORT OF REVIEW OF DOMINION'S VOTING SYSTEM ASSURE 1.3
PRELIMINARY STATEMENT

On August 22-23, 2012, Dominion Voting Systems (the "Vendor") presented the Assure 1.3 for examination and certification. The examination was conducted in Austin, Texas. Pursuant to Sections 122.035(a) and (b) of the Texas Election Code, the Secretary of State appointed the following examiners:

1. Mr. Stephen Berger, an expert in electronic data communication systems;
2. Mr. Tom Watson, an expert in electronic data communication systems;
3. Mr. Brandon Hurley, an expert in election law and procedure; and
4. Ms. Melanie Huff, an expert in election law and procedure.

Pursuant to Section 122.035(a) of the Code, the Texas Attorney General appointed Dr. Jim Sneeringer, an expert in electronic data communication systems and Texas Attorney General's counsel, Katherine Cary.

The Vendor first demonstrated the system; the examiners then examined its accuracy and security features. Examiner reports on the system are attached hereto and incorporated herein by this reference. Examiner Tom Watson was not present at this examination.

On October 17, 2012 a public hearing was conducted in which interested persons were given an opportunity to express their views for or against certification of the system.

BRIEF DESCRIPTION OF DOMINION'S ASSURE 1.3 VOTING SYSTEM

Dominion's Assure 1.3 Voting System supports both paper ballots and electronic voting. Dominion Voting Systems' Election Management System (GEMS v. 1.21.6) software is a comprehensive and powerful tool for conducting an election, GEMS software may be used to configure elections of all types, including general and primary elections, and is designed to interface with AccuVote-OS, AccuVote-OSX, AutoMARK VAT and PhotoScribe PS900/PS960 iM2 ballot scanners, and AccuVote-TS Direct Recording Electronic (DRE) voting devices.

The Dominion Assure 1.3 voting system has been evaluated at an accredited voting system testing laboratory for conformance to the 2002 Voting System Standards (2002 VSS) and has been certified by the Elections Assistance Commission (EAC).

Component	Version	Description
GEMS	1.21.6	Election Management Software
AccuVote-OS (Precinct Count)	1.96.14	Precinct count scanner
AccuVote-OS (Central Count)	2.0.15	Central count scanner
AccuVote-TSX/TS BallotStation	4.7.10	Direct recording electronic voting system (DRE) light weight version
TSX WinCE	410.3.10	Information not found
TS WinCE	300.3.5	Information not found
TSX/TS Bootloader	1.3.11	Information not found
Key Card Tool	4.7.8	Application to enhance security provided by the AccuVote-TSX and R6 DREs
ABasic	2.2.5	Information not found
Voter Card Encoder	1.3.3	Device to encode voter access cards for the purpose of activating ballots on the AccuVote-TSX and R6 DREs
VC Programmer	4.7.8	Application that encodes voter access cards for use on the AccuVote-TSX and TS R6 DREs
Cardwriter	1.1.6	Information not found

PCS Central Count	2.2.5	PowerEdge 2900; Windows XP SP3
Assure Security Manager	1.2.5	Information not found

FINDINGS

The following findings are based on written evidence submitted by the Vendor in support of its application for certification, oral evidence produced at the examination, Texas voting system examiners report and the Vendor's Response submitted on or about October 15, 2012.

The Assure 1.3 voting system requires additional review in the following areas:

- COMPLETE SYSTEM - Identifying and configuring a "complete system" by identifying all system components, including RTAL printers and AutoMARK devices and their firmware and software versions. The vendor did not bring a "complete system" for the certification examination.
- TECHNICAL SECURITY - Identify Vendor's plan regarding Security Certification expirations that are pending in 2013 and 2014
- REAL TIME AUDIT LOGS - review requirements and availability to include retesting the PCS Central Count scanner audit log and TSX/TR6 printed audit logs to identify that events are clearly logged IAW 1TAC §81.62
- ACCURACY - Optical Scan review to ensure their accuracy in counting marked ballots
- QUALITY - Retest audio portion of ADA machines for sound quality and to confirm that voters have the opportunity to review the audio ballot and make changes prior to casting the final ballot.
- PROCESSES - Allow Examiners to load election software on site as opposed to having the software pre-loaded by the Vendor.

CONCLUSION

- Accordingly, based upon the foregoing, I hereby deny certification of the Dominion Assure 1.3 Voting System for use in elections in Texas.
- Signed under my hand and seal of office, this 12th day of March 2013.

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COBY SHORTER, III
DEPUTY SECRETARY OF STATE