



COLORADO SECRETARY OF STATE Elections Division

Application for Certification or Modification of a Voting System

This application is for: (check one)

Certification of a Voting System

Temporary Approval/Use

Modification of a Voting System

Vendor Contact Information		
Name of Vendor Clear Ballot Group		
Address 2 Oliver Street		
Address Suite 200		
City Boston	State Massachusetts	Zip Code 02109
Person to Contact Keir Holeman		
Telephone 857-250-4961	Fax	E-mail keir.holeman@clearballot.com

Equipment Information	
Make Clear Ballot Group	Model(s) ClearVote 2.1
Description of each major subsystem or component (including what computer/component model it will be certified to operate on and if it is required or optional): See attached list of ClearAccess 2.1.0, ClearCount 2.1.3, and ClearDesign 2.1.0.	

Software/Firmware Information
All applicable version, release, and firmware numbers: See accompanying system identification guides for ClearAccess 2.1.0, ClearCount 2.1.3, and ClearDesign 2.1.0.



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Federal Testing Information

NASED or EAC Qualification or Certification Number(s):

Rule 21.3.6– Trusted Build Documentation

Trusted Build Installation Instructions

Rule 21.4.4 and 21.4.11(a) – External Test Documentation *(check all that apply)*

- An application penetration test conducted to analyze the system for potential vulnerabilities
- A source code evaluation conducted in accordance with Software Design and Coding Standards of the 2002 Voting System Standard
- A complete report detailing all findings and recommended compensating controls for vulnerabilities and deficiencies
- VSTL test documentation
- Other State test documentation

Rule 21.4.6(b) - Physical and Design Characteristics Documentation

Drawings, photographs and any related brochures or documents

Rule 21.4.10(c), 21.4.10(d)(1) and 21.4.11(b)(5) - Database and Operating System Documentation *(check all that apply)*

- Database Hardening Procedure
- Operating System Hardening Procedure
- Minimum services and executables required to run the voting system application

Rule 21.4.11(b), (i), (j), and (k) – General Documentation *(check all that apply)*

- Standard issue users/operator manual
- System administrator/application administration manual
- Training manual and related materials
- Election definition programming and diagnostics manuals
- Minimum services needed for the successful, secure and hardened operation of all components of the voting system
- Security measures for all systems, software, devices (upload, download, and other programming devices) that act as connectors and any additional recommended security measures
- Processing standards for each component of the voting system
- Detailed information as to the type of hardware required to execute the software
- A statement of all requirements and restrictions regarding environmental protection, electrical service, telecommunications service and any other facility or resource required for the installation, operation and storage of the voting system



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Rule 21.4.11(d) – Battery Documentation (*check all that apply*)

- The steps and times required for charging batteries for each type of device submitted for certification
- Estimated time of battery operation for each type of device submitted for certification, assuming continuous use of the devices by voters during an interruption of normal electrical power

Rule 21.4.11(g) – Audit Documentation (*check all that apply*)

Documentation that includes the location and a description of the content of the audit trail information that applies to:

- Operating systems
- Election management system
- Election tabulation devices

Rule 21.4.11(h) - Voting System Security Documentation (*check all that apply*)

The documentation must contain configurations, properties and procedures to prevent, detect and log changes to system capabilities for:

- Defining ballot formats
- Casting and recording votes
- Calculating vote totals consistent with defined ballot formats
- Reporting vote totals
- Altering of voting system audit records
- Changing or preventing the recording of a vote
- Introducing data for a vote not cast by a registered voter
- Changing calculated vote totals
- Preventing access to vote data, including individual votes and vote totals, to unauthorized individuals
- Preventing access to voter identification data and data for votes cast by the voter



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The applicant shall be responsible for providing confidential or other "trade secret" documentation in a separate binder and/or electronic media with the information clearly marked as "confidential" or "trade secret" pursuant to section 24-72-204(3)(IV), C.R.S.

In making application for certification of the voting system listed above, I assert that the system meets the requirements of the Colorado Secretary of State Election Rules (8 CCR 1505-1).

Keir Holeman

Vice President of Technical Services

Name

A handwritten signature in blue ink that reads "Keir Holeman".

Title

12/16/19

Signature

Date

Equipment Information

ClearAccess Components

Component	Model
Dell Inspiron	7573
Dell Optiplex	5250
Elo E-Series	ESY15E2
Elo X-Series	ESY20X2
OKI Data Duplex Laser Printer	B432dn
OKI Data Duplex Laser Printer	B432dn-B
Micrologic Printer Tray Extender Kit	B432TrayKit
Storm Interface EZ Access Keypad	EZ08-22201 and EZ-08-22301
Origin Instruments Breeze BZ2 Sip-and-Puff Device with Headset	AC-0300-MU
Samson Headphones	SASR350
Clear Ballot Privacy Panel	CB-1097-1.5
APC Smart-UPS	SMT2200C
CyberPower Smart App Sinewave UPS	PR1500RT2U
LG Ultra-Slim Portable DVD Burner	GP65NB60
Zebra Barcode Scanner and Cable	DS457-SR, CBL-58926-05
Ergotron Neo-Flex Widescreen Lift Stand	33-329-085
Lifetime 4-Foot Folding Table	4428
Würth Elektronik Ferrite	742-711-32, 742-712-22, 742-717-22
Clear Ballot Polyimide Film Tape	CV-1210-2.0, CV-1211-2.0, CV-1212-2.0

ClearCount Components

Dell Latitude	5500, 5580, 5590
Dell Optiplex	7440, XE3 SFF
Dell Precision	T3620
Dell PowerEdge	T130, T140, T440, T330, R440
Dell 27-inch Monitor	P2717H, P2719H
Dell 22-inch Monitor	P2217H, P2219H
Fujitsu Scanners	Fi-6400, fi-6800, fi-7180, fi-7800, fi-7900
Fujitsu Scanner Imprinter	CG01000-531101
Cisco Smart Switch	SG250-08-K9-NA
Cisco Smart Switch	SG250-26-K9-NA
LG Ultra-Slim Portable DVD Burner	GP65NB60
Netac K390 Keypad 4 TB Encryption Portable Hard Disk	86024554
Western Digital My Book 4 TB External Hard Drive	WDBBGB0040HBK-NESN, WDBFJK0040HBK-NESN
Western Digital My Book 8 TB External Hard Drive	WDBBGB0080HBK-NESN, WDBFJK0080HBK-NESN
Anker USB 3.0 SuperSpeed 10-Port Hub	AK-68ANHUB-B10A
APC Smart-UPS	SMT1500C
StarTech 4-Port KVM Switch with Hub	SV431USB
Uncaged Ergonomics WorkEZ Executive Stand	WEEb (661799222983), WEEs (661799222990)

ClearDesign Components

Dell Latitude	5500, 5580, 5590
Dell Optiplex	7440, XE3 SFF
Dell Precision	T3620
Dell PowerEdge	T130, T140, T440, T630, R440
Dell 27-inch Monitor	P2717H, P2719H
Dell 22-inch Monitor	P2217H, P2219H
Cisco Smart Switch	SG250-08-K9-NA
LG Ultra-Slim Portable DVD Burner	GP65NB60
Anker USB 3.0 SuperSpeed 10-Port Hub	AK-68ANHUB-B10A
Systor USB Duplicator	SYS-USBD-11

ClearVote Components

Corsair Flash Padlock 3 32 GB Secure USB 3.0 Flash Drive	CMFPLA3B-32GB
SanDisk Extreme Go 64 GB USB 3.1 Drive	SDCZ800-064G-G46
SanDisk Ultra Flair™ 32 GB USB 3.0 Drive	SDCZ73-032G-A46, SDCZ73-032G-G46