



United States Election Assistance Commission



Certificate of Conformance

**ES&S Unity 3.2.1.0**  
Election Systems & Software

The voting system identified on this certificate has been evaluated at an accredited voting system testing laboratory for conformance to the *2002 Voting System Standards (2002 VSS)*. Components evaluated for this certification are detailed in the attached Scope of Certification document. This certificate applies only to the specific version and release of the product in its evaluated configuration. The evaluation has been verified by the EAC in accordance with the provisions of the *EAC Voting System Testing and Certification Program Manual* and the conclusions of the testing laboratory in the test report are consistent with the evidence adduced. This certificate is not an endorsement of the product by any agency of the U.S. Government and no warranty of the product is either expressed or implied.

Product Name: Unity

Model or Version: Version 3.2.1.0

Name of VSTL: Wyle Laboratories

EAC Certification Number: ESSUnity3210

Date Issued: March 29, 2011

*Executive Director, U.S. Election Assistance Commission*

Scope of Certification Attached

**Manufacturer:** Election Systems and Software Inc.  
**System Name:** Unity 3.2.1.0 Voting System  
**Certificate:** ESSUnity3210

**Laboratory:** Wyle Laboratories  
**Standard:** 2002 VSS  
**Date:** 03/29/2011



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## Scope of Certification

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This document describes the scope of the validation and certification of the system defined above. Any use, configuration changes, revision changes, additions or subtractions from the described system are not included in this evaluation.

### Significance of EAC Certification

An EAC certification is an official recognition that a voting system (in a specific configuration or configurations) has been tested to and has met an identified set of Federal voting system standards. An EAC certification is **not**:

- An endorsement of a Manufacturer, voting system, or any of the system's components.
- A Federal warranty of the voting system or any of its components.
- A determination that a voting system, when fielded, will be operated in a manner that meets all HAVA requirements.
- A substitute for State or local certification and testing.
- A determination that the system is ready for use in an election.
- A determination that any particular component of a certified system is itself certified for use outside the certified configuration.

### Representation of EAC Certification

Manufacturers may not represent or imply that a voting system is certified unless it has received a Certificate of Conformance for that system. Statements regarding EAC certification in brochures, on Web sites, on displays, and in advertising/sales literature must be made solely in reference to specific systems. Any action by a Manufacturer to suggest EAC endorsement of its product or organization is strictly prohibited and may result in a Manufacturer's suspension or other action pursuant to Federal civil and criminal law.

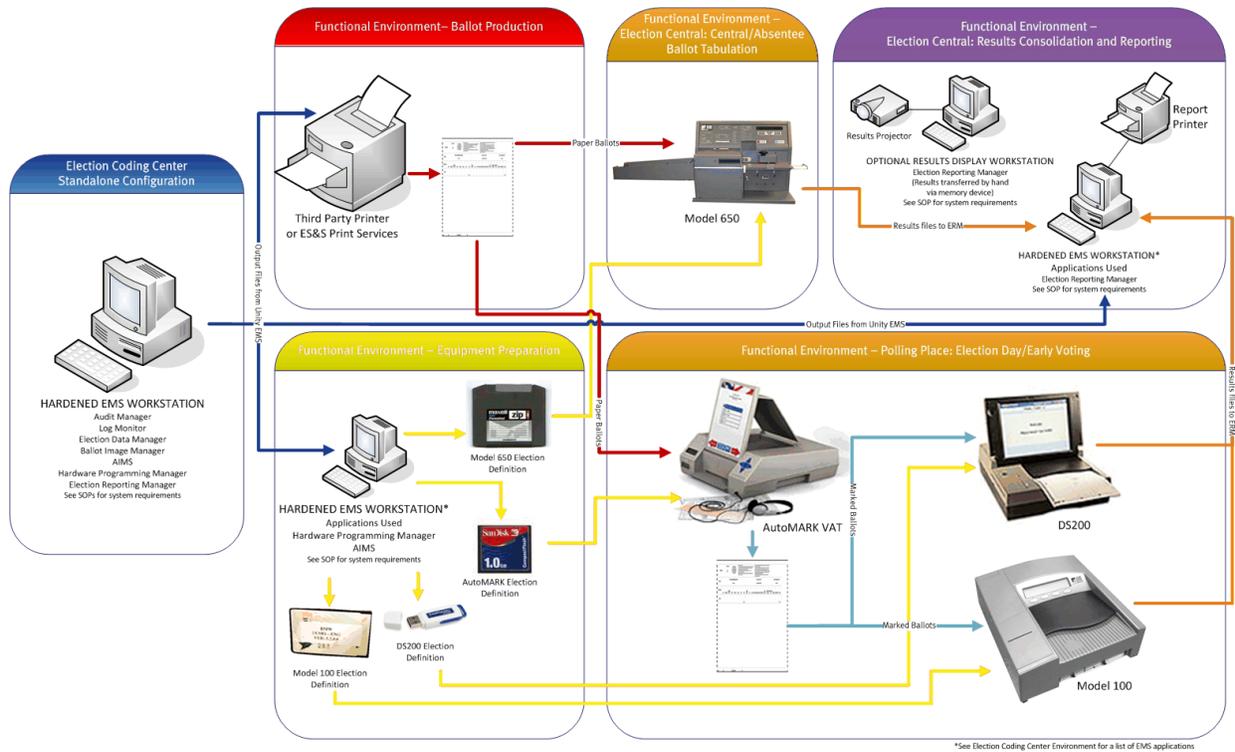
### Language capability:

In addition to English, the voting system has the capability of presenting the ballot, ballot selections, review screens and instructions in Spanish.

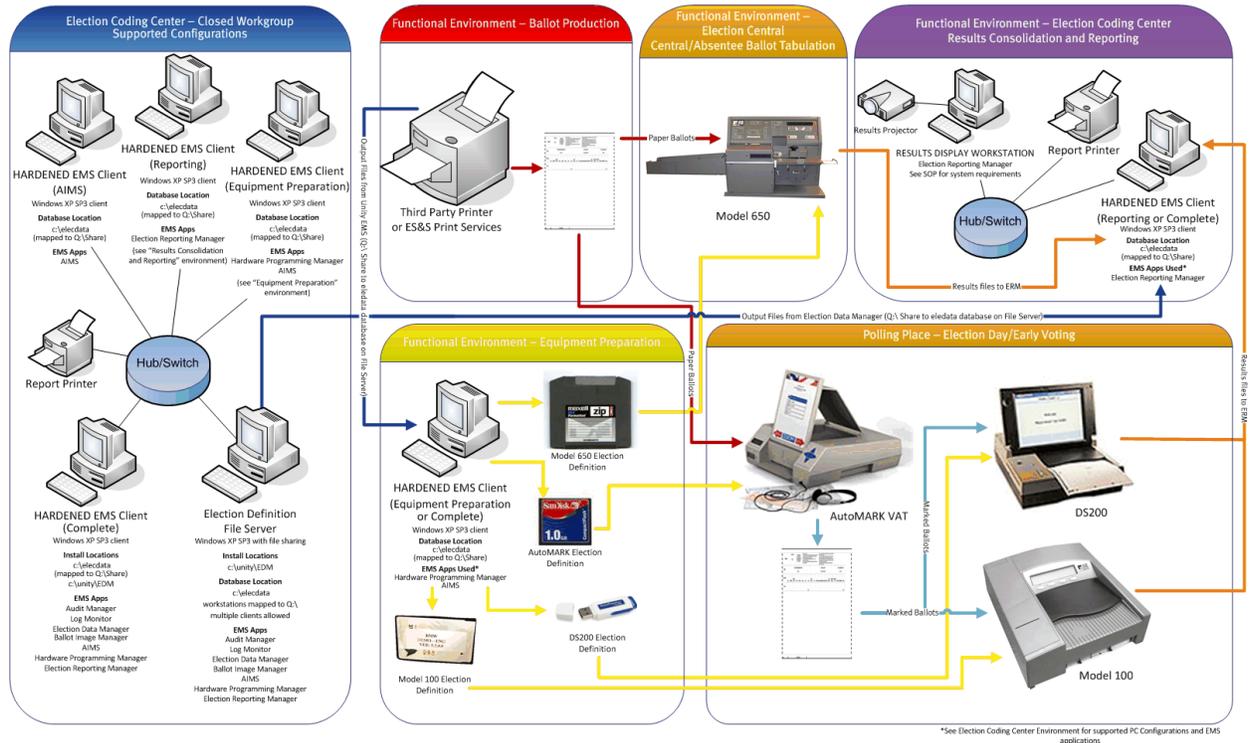
### Components Included:

This section provides information describing the components and revision level of the primary components included in this Validation.

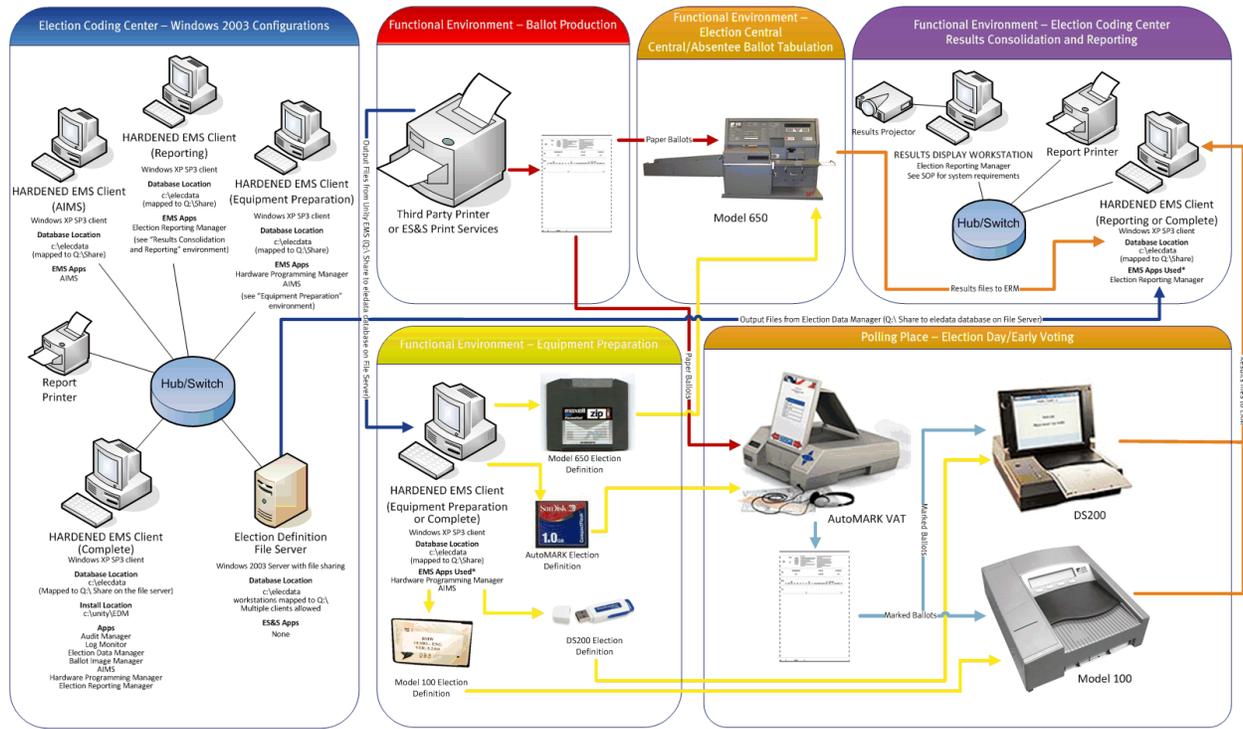
# Standalone System – Single EMS Workstation



# Shared EMS File Server – Peer to Peer File Sharing with Windows XP;



# Locally Networks EMS – Windows 2003 Server



System Component	Software or Firmware Version	Hardware Version	Operating System or COTS	Comments
DS200 ES&S intElect	<i>Firmware</i> v. 1.4.3.11 <i>Power Management Firmware</i> v. 1.2.0.1 <i>Scanner Firmware</i> v. 2.21.0.0 <i>Target Operating Software</i> v. nj1.0.2.0	<i>Hardware</i> v. 1.2.0 v. 1.2.1	<i>Linux Kernel</i> v. 2.6.13.4	Precinct Count Digital Scanner (Modem removed in ESSUNITY3210)
M650 Tabulator	<i>Firmware</i> v. 2.2.2.0	<i>Hardware</i> v. 1.1 v. 1.2	<i>QNX</i> 4.25 with Patch G	Central count optical scanner that has color specific optical light and reads right ballot oval.
M100 Tabulator	<i>Firmware</i> v. 5.4.4.5	<i>Hardware</i> v. 1.3.0	<i>QNX Kernel</i> v. 4.22 <i>BIOS</i> v. 2.0.2	Precinct Count Optical Scanner (modem removed)
AutoMark Voter Assisted Terminal Model A100-00	<i>Firmware</i> v. 1.3.2907	<i>Hardware</i> v. 1.0 <i>Printer Engine Board (PEB)</i>	<i>WinCE</i> v. 5.0.1400	Accessible paper ballot marking device original release – multiple

System Component	Software or Firmware Version	Hardware Version	Operating System or COTS	Comments
		v. 1.65 <i>Single Board Computer (SBC)</i> v. 1.0		cable connector and printed circuit boards are mounted in the lower portion of the VAT
AutoMark Voter Assisted Terminal Model A200-00	<i>Firmware</i> v. 1.3.2907	<i>Hardware</i> v. 1.1 <i>Printer Engine Board (PEB)</i> v. 1.65 <i>Single Board Computer (SBC)</i> v. 2.0	<i>WinCE</i> v. 5.0.1400	Accessible paper ballot marking device. Change: Consolidate PCB, relocate PCB and cables to upper portion for easier maintenance
AutoMark Voter Assisted Terminal Model A200-00	<i>Firmware</i> v. 1.3.2907	<i>Hardware</i> v. 1.1 <i>Printer Engine Board (PEB)</i> v 1.70 <i>Single Board Computer (SBC)</i> v 2.5	<i>WinCE</i> 5.00.19	Accessible paper ballot marking device
AutoMark Voter Assisted Terminal Model A200-00	<i>Firmware</i> v. 1.3.2907	<i>Hardware</i> v. 1.3.1 <i>Printer Engine Board (PEB)</i> v. 1.70 <i>Single Board Computer (SBC)</i> v. 2.5	<i>WinCE</i> 5.00.19	Accessible paper ballot marking device Change: PEB FW to support Enhanced AutoCast and Double Spit & Wipe (Note: Enhanced Auto Cast is not supported in this version of the VAT FW.)
AutoMark Voter Assisted Terminal Model A200-00	<i>Firmware</i> v. 1.3.2907	<i>Hardware</i> v. 1.3.1 <i>Printer Engine Board (PEB)</i> v. 1.65 <i>Single Board Computer (SBC)</i> v. 2.5	<i>WinCE</i> 5.00.19	Accessible paper ballot marking device Change: LCD replacement, ROHS board components, change CPU and Flash Chips on the SBC board FW,

System Component	Software or Firmware Version	Hardware Version	Operating System or COTS	Comments
				Win CE OS Bootloader for P30 flash, OS update to support DST and Hash check (Note: Hash check is not supported in this version of the VAT FW)
AIMS (AutoMARK Information Management Systems)	<i>Firmware</i> v. 1.3.257	-----	-----	A windows-based election management system software application to define election parameters for the VAT, including functionality to import election definition files produced by the Unity EMS and create VAT flash memory cards.
<b>Ballot Prep and Central Count</b>				
Election Data Manager	<i>Software</i> v. 7.8.1.0	-----	See Below	EMS software for election definition and ballot preparation for M650, DS200, and M100
Log Monitor	<i>Software</i> v. 1.0.0.0	-----	See Below	A software application that checks the status of the Windows Event Log feature and closes all ES&S applications if the Event Log feature is disabled or not configured properly.
ES&S Ballot Image Manager (ESSIM)	<i>Software</i> v 7.7.1.0	-----	See Below	Unity election management system desktop publishing tool to layout and format paper ballots

System Component	Software or Firmware Version	Hardware Version	Operating System or COTS	Comments
				BOD is an optional operating mode in ESSIM used to print election quality ES&S paper ballots on a COTS OKI 9600 HDN color laser printer.
Audit Manager (AM)	<i>Software</i> v. 7.5.2.0	-----	See Below	A Unity election management system audit logging software application including security and user tracking for the Election Data Manager and Ballot Image Manager
Hardware Programming Manager (HPM)	<i>Software</i> v. 5.7.3.0	-----	See Below	A Unity election management system software application to import, format, and convert an election file and create election definitions for ballot scanning equipment
Election Reporting Manager (ERM)	<i>Software</i> v 7.5.7.0	-----	See Below	A Unity central count software application to compile and report election results.
Desktop	-----	Dell Optiplex 760	Windows XP SP3	COTS: PC being used as the Ballot Preparation in a Client/Server configuration setup.
Desktop	-----	Dell Optiplex GX760	Windows XP SP3	COTS: PC being used as the ERM in a Client/Server configuration

System Component	Software or Firmware Version	Hardware Version	Operating System or COTS	Comments
				setup.
Desktop	-----	Dell Optiplex GX270	Windows XP SP3	COTS: PC being used as the ERM in a Client/Server configuration setup.
Desktop	-----	Dell Optiplex 760	Windows XP SP3	COTS: PC being used as the ERM in a Client/Server configuration setup.
Desktop	-----	Dell Optiplex GX260	Windows XP SP3	COTS: PC being used as the Ballot Preparation in a Peer to Peer configuration setup.
Desktop	-----	Dell PowerEdge 600	Windows 2003 Server R2	COTS: Server PC in a Client/Server configuration setup.
Desktop	-----	Dell PowerEdge T410	Windows 2003 Server R2	COTS: Server PC in a Client/Server configuration setup.
Laptop	-----	Dell Latitude E6400	Windows XP SP3	COTS: Laptop being used as the ERM in a Client/Server & Peer to Peer setup.
10/100 Dual Speed Hub w/Switch	-----	D-Link	-----	COTS: Network Hub for a closed Network LAN configuration in a Client/Server & Peer to Peer setup.
Sandisk Reader	-----	ImageMate Model SDDR-91 & SDDR-92	-----	COTS: Device used to read and write election files to compact cards for VAT.
OmniDrive USB Professional	-----	PCMCIA Card reader/writer for M100 USB & USB2	Setup-CD V2.41 & V3.13	COTS: Drive for reading and writing SRAM media cards for M100.
Zip Drive	-----	iOmega	N/A	COTS: Central Count M650 Disk

System Component	Software or Firmware Version	Hardware Version	Operating System or COTS	Comments
				Reader/Writer
Microsoft Windows XP	-----	Microsoft	Service Pack 3	COTS personal computer operating system
Acrobat Standard	-----	Adobe	9	COTS software used with ESSIM to create ballot files for printing
RM/COBOL	-----	Liant	11.01	COTS interpreter software used in HPM & ERM
Adobe Type Manager	-----	Adobe	4.1	COTS software used with ESSIM to create ballot files for printing
AVG Anti-Virus	-----	AVG	9.0 Business Addition	COTS Anti Virus protection for PCs and Servers
Microsoft Windows Server 2003	-----	Microsoft	R2	COTS server operating system
Adobe Type Basic	-----	Adobe	-----	COTS software used with ESSIM to create ballot files for printing
Heise CTUPDATE	-----	Heise/Microsoft	-----	COTS software used to collect all Microsoft updates to install on PC
OmniDrive	-----	OmniDrive	2.4.1	COTS software used to generate media on an OmniDrive
Okidata 9600 HDN Color Laser Printer	-----	Okidata	-----	Printer used to print ballots on demand

## System Limitations

This table depicts the limits the system has been tested and certified to meet.

Characteristic	Limiting Component	Limit	Comment
Maximum Precincts in Election	HPM/ERM	2900	
Maximum Contests in Election	ERM	Depends on Election Content	5200 theoretical maximum

Characteristic	Limiting Component	Limit	Comment
Maximum Candidates/ Counters in Election (Software)	ERM	21,000	
Maximum Candidates/ Counters in Election (Hardware)	M650	3,750	
Maximum Candidates/ Counters in Precinct	ERM Import	1,000	
Maximum Ballot Styles in Election	HPM	5,000	
Maximum Contests in a Ballot Style	HPM	1,100	
Maximum Candidates in a Contest	HPM	175	
Maximum Count for any Precinct Element	ERM	999,000	65,535 on any precinct results import
Maximum Ballot Styles in a Precinct	HPM	5,000	
Maximum Number of Parties	HPM	18	
Maximum Vote For in Contest	HPM	90	

### DS200 Unique

#	Limitation
1	The DS200 does not support more than 40 ballot styles using the same Type code in a single precinct. This may impact an absentee precinct when ballots are identified by style. If an election definition contains more than 40 ballot styles (Sequence codes) with the same Type code, the user has to define more than one absentee precinct and then separate the ballots into groups for processing
2	The DS200 does not support more than 30 Type codes, 40 Split codes and 1639 Sequences codes.
3	All optical scan ballots used in a given election must be the same size and have the same position capacity.
4	An early vote station will only support a maximum limit of 9999 precincts. A large number of precincts may result in small ballot processing delays.
5.	An early vote station will not be able to use a modem to transmit totals.
6.	An early vote station will not be able to print a precinct-by-precinct report by default.
7.	The DS200 does not support the Arrow style response area.
8.	The DS200 supports Type codes 1 - 30 , Split codes 1 - 40 and Sequences codes 1 - 1639. It does not support codes larger than those specified.
9.	An early vote station will only support a maximum of 1639 precincts. A large number of precincts may result in small ballot processing delays.

### Model M100 Unique

#	Limitation
1	A Model 100 PC card can only contain a maximum of 18 precincts. The user should not assign more than 18 precincts to a Model 100 polling place in HPM.
2	The Model 100 does not support more than 40 ballot styles in a single absentee precinct in a ballot by-style election. If an election definition contains more than 40 ballot styles, the user has to

	define more than one absentee precinct and then separate the ballots into groups for processing.
3	The Model 100 does not support more than 30 Type codes, 40 split codes and 1639 sequences codes.
4	The M100 supports a maximum of 200 contests per ballot style.
5.	All optical scan ballots used in a given election must be the same size and have the same position capacity.
6.	An early vote station will only support a maximum limit of 450 precincts. This limit is due to the limited memory capacity of both the PCMCIA card and the internal memory of the Model 100 precinct tabulator.
7.	An early vote station will not be able to use ballots-by-style.
8.	An early vote station will not be able to use a modem to transmit totals.
9.	An early vote station will not be able to print a precinct-by-precinct report by default.

### Model M650 Unique

#	Limitation
1	The M650 does not support more than 100 ballot styles for a single absentee precinct in a ballot bystyle election. If an election definition contains more than 100 ballot styles, the user has to define more than one absentee precinct and then separate the ballots into groups for processing.
2	All optical scan ballots used in a given election must be the same size and have the same position capacity.
3	The M650 does not support the Arrow style response area.
4	Ballots must be fed in one particular orientation.
5.	The Model 650 can interpret a maximum of 1499 office group codes in an election definition. (An “office group” is defined as the collection of one or more contests (including rotation) that always appear together on any ballot style.). This limitation restricts the number of precincts allowed in an election if ‘precinct only’ offices are defined (District Type PRC) because each ‘precinct only’ office always appears in a different office group.

### Model AutoMark Unique

ES&S AutoMARK capacities exceed all documented limitations for the ES&S election management, vote tabulation and reporting system. For this reason, Election Management System and ballot tabulator limitations define the boundaries and capabilities of the AutoMARK system as the maximum capacities of the ES&S AutoMARK are never approached during testing

### Additional System Limitations

#	Limitation
1	Unity 3.2.1.0 does not support blanket primary elections.
2	Unity 3.2.1.0 supports only English and Spanish ballot languages.

## Functionality

### 2002 VSS Supported Functionality Declaration Unity 3.2.1.0

Feature/Characteristic	Yes/No	Comment
Voter Verified Paper Audit Trails		
VVPAT	No	
Accessibility (vol. 1. sect. 2.2.7)		
Forward Approach	Yes	
Parallel (Side) Approach	No	
Closed Primary (vol. 1. sect. 2.2.8.2)		
Primary: Closed	Yes	
Open Primary (vol. 1. sect. 2.2.8.2)		
Primary: Open Standard (provide definition of how supported)	Yes	
Primary: Open Blanket (provide definition of how supported)	No	
Partisan & Non-Partisan: (vol. 1. sect. 2.2.8.2)		
Partisan & Non-Partisan: Vote for 1 of N race	Yes	
Partisan & Non-Partisan: Multi-member ("vote for N of M") board races	Yes	
Partisan & Non-Partisan: "vote for 1" race with a single candidate and write-in voting	Yes	
Partisan & Non-Partisan "vote for 1" race with no declared candidates and write-in voting	Yes	
Write-In Voting: (vol. 1. sect. 2.2.8.2)		
Write-in Voting: System default is a voting position identified for write-ins.	Yes	
Write-in Voting: Without selecting a write in position.	Yes	
Write-in: With No Declared Candidates	Yes	
Write-in: Identification of write-ins for resolution at central count	Yes	
Primary Presidential Delegation Nominations & Slates: (vol. 1. sect. 2.2.8.2)		
Primary Presidential Delegation Nominations: Displayed delegate slates for each presidential party	No	
Slate & Group Voting: one selection votes the slate.	No	
Ballot Rotation: (vol. 1. sect. 2.2.8.2)		
Rotation of Names within an Office; define all supported rotation methods for location on the ballot and vote tabulation/reporting	Yes	
Straight Party Voting: (vol. 1. sect. 2.2.8.2)		
Straight Party: A single selection for partisan races in a general election	Yes	
Straight Party: Vote for each candidate individually	Yes	
Straight Party: Modify straight party selections with crossover votes	Yes	
Straight Party: A race without a candidate for one party	Yes	
Straight Party: "N of M race (where "N">1)	Yes	

Feature/Characteristic	Yes/No	Comment
Straight Party: Excludes a partisan contest from the straight party selection	Yes	
Cross-Party Endorsement: (vol. 1. sect. 2.2.8.2)		
Cross party endorsements, multiple parties endorse one candidate.	Yes	
Split Precincts: (vol. 1. sect. 2.2.8.2)		
Split Precincts: Multiple ballot styles	Yes	
Split Precincts: P & M system support splits with correct contests and ballot identification of each split	Yes	
Split Precincts: DRE matches voter to all applicable races.	No	
Split Precincts: Reporting of voter counts (# of voters) to the precinct split level; Reporting of vote totals is to the precinct level	Yes	It is possible to list the number of voters.
Vote N of M: (vol. 1. sect. 2.2.8.2)		
Vote for N of M: Counts each selected candidate, if the maximum is not exceeded.	No	
Vote for N of M: Invalidates all candidates in an overvote (paper)	No	
Recall Issues, with options: (vol. 1. sect. 2.2.8.2)		
Recall Issues with Options: Simple Yes/No with separate race/election. (Vote Yes or No Question)	No	
Recall Issues with Options: Retain is the first option, Replacement candidate for the second or more options (Vote 1 of M)	No	
Recall Issues with Options: Two contests with access to a second contest conditional upon a specific vote in contest one. (Must vote Yes to vote in 2 <sup>nd</sup> contest.)	No	
Recall Issues with Options: Two contests with access to a second contest conditional upon any vote in contest one. (Must vote Yes to vote in 2 <sup>nd</sup> contest.)	No	Overturned - US District Court 7/29/03: CA Election Code sect. 11383
Cumulative Voting (vol. 1. sect. 2.2.8.2)		
Cumulative Voting: Voters are permitted to cast, as many votes as there are seats to be filled for one or more candidates. Voters are not limited to giving only one vote to a candidate. Instead, they can put multiple votes on one or more candidate.	No	
Ranked Order Voting (vol. 1. sect. 2.2.8.2)		
Ranked Order Voting: Voters can write in a ranked vote.	No	
Ranked Order Voting: A ballot stops being counting when all ranked choices have been eliminated	No	
Ranked Order Voting: A ballot with a skipped rank counts the vote for the next rank.	No	

Feature/Characteristic	Yes/No	Comment
Ranked Order Voting: Voters rank candidates in a contest in order of choice. A candidate receiving a majority of the first choice votes wins. If no candidate receives a majority of first choice votes, the last place candidate is deleted, each ballot cast for the deleted candidate counts for the second choice candidate listed on the ballot. The process of eliminating the last place candidate and recounting the ballots continues until one candidate receives a majority of the vote	No	
Ranked Order Voting: A ballot with two choices ranked the same, stops being counted at the point of two similarly ranked choices.	No	
Ranked Order Voting: The total number of votes for two or more candidates with the least votes is less than the votes of the candidate with the next highest number of votes, the candidates with the least votes are eliminated simultaneously and their votes transferred to the next-ranked continuing candidate.	No	
Provisional or Challenged Ballots (vol. 1. sect. 2.2.8.2)		
Provisional/Challenged Ballots: A voted provisional ballots is identified but not included in the tabulation, but can be added in the central count.	Yes	
Provisional/Challenged Ballots: A voted provisional ballots is included in the tabulation, but is identified and can be subtracted in the central count	Yes	
Provisional/Challenged Ballots: Provisional ballots maintain the secrecy of the ballot.	Yes	
Overvotes (vol. 1. sect. 4.4.4) Must support for specific type of voting system		
Overvotes: P & M: Overvote invalidates the vote. Define how overvotes are counted.	Yes	
Overvotes: DRE: Prevented from or requires correction of overvoting.	No	
Overvotes: If a system does not prevent overvotes, it must count them. Define how overvotes are counted.	Yes	
Overvotes: DRE systems that provide a method to data enter absentee votes must account for overvotes.	No	
Undervotes (vol. 1. sect. 4.4.4)		
Undervotes: System counts undervotes cast for accounting purposes	Yes	
Blank Ballots (vol. 1. sect. 2.4.3.3, 3.2.5.1.2, 3.2.5.1.3, & 4.4.4)		
Totally Blank Ballots: Any blank ballot alert is tested.	Yes	
Totally Blank Ballots: If blank ballots are not immediately processed, there must be a provision to recognize and accept them	Yes	
Totally Blank Ballots: If operators can access a blank ballot, there must be a provision for resolution.	Yes	
Display/Printing Multi-Lingual Ballots (vol. 1. sect. 2.3.1.3.1.a)		Must support one

Feature/Characteristic	Yes/No	Comment
Spanish	Yes	
Alaska Native (Other Group specified)	No	
Aleut	No	
Athabascan	No	
Eskimo	No	
Native (Other Group Specified)	No	
Chinese	No	
Filipino	No	
Japanese	No	
Korean	No	
Vietnamese	No	
Apache	No	
Cent/So American	No	
Cheyenne	No	
Chickasaw	No	
Choctaw	No	
Navajo	No	
Other Tribe-Specified	No	
Paiute	No	
Pueblo	No	
Seminole	No	
Shoshone	No	
Sioux	No	
Tohono O'Odham	No	
Tribe not specified	No	
Ute	No	
Yaqui	No	
Yuman	No	
Demonstrates the voting system capability to handle the designated language groups. (vol. 1. sect. 2.3.1.3.1.a)		
Default language (English),	Yes	
Secondary language using a Western European font	Yes	
Ideographic language (such as Chinese or Korean)	Yes	Unity 3.2.1.0 supports only English and Spanish in this release.
Non-written languages requiring audio support	No	

## Baseline Certification Engineering Change Order's (ECO)

This table depicts the ECO's that were certified with the voting system:

Change ID	Date	Component	Description	Inclusion
836	5/25/2010	Steel Ballot Box	Steel Ballot Box – plunger pin	De Minimis Optional
845	5/25/2010	Steel Ballot Box	Steel Ballot Box Caster Change	De Minimis Optional
837	9/1/2010	DS200	Thumb drive cover	De Minimis Optional
838	9/1/2010	DS200	Thumb drive controller	Optional
839	5/25/2010	DS200	DS200 Label for compact flash Document change only	De Minimis Optional
841	9/1/2010	DS200	Add Rod Lens Array, capacitor, and protected power switch	Optional
843	9/1/2010	DS200	Steel Ballot Box added a new diverter cable	Optional
844	9/1/2010	DS200	DS200 end-of-life capacitors, resistors and diode	Optional
846	9/1/2010	DS200	Document part number	De Minimis Optional
847	9/1/2010	DS200	DS200 alternate LCD Backlight Inverter	Optional
851	5/25/2010	DS200	USB change to the number of the part	De Minimis Optional
000582	5/25/2010	DS200	Printer Bracket Retrofit	De Minimis Optional
000315	5/25/2010	DS200	Ballot Box Carrying Case – Glue for foam	De Minimis Optional
000332	9/1/2010	DS200	Plastic Ballot Box new lock.	De Minimis Optional
000337	5/25/2010	DS200	Ballot Bin Status Change Rev 1.3 Document change only	De Minimis Optional
000339	5/25/2010	DS200	Ballot Box carry case add washer & rivet to hold foam during manufacturing	Optional
000342	5/25/2010	DS200	DS200 Ballot Box BOM status change – Document change only	De Minimis Optional
000359	9/1/2010	DS200	Plastic Ballot Box adding metal bottom edge	Optional
000366	5/25/2010	DS200	Ballot Box Retrofit Stock Document change only	De Minimis Optional
000375	5/25/2010	DS200	Ballot Box carrying case drawings and status change	De Minimis Optional
000423	5/25/2010	DS200	Ballot Box Shipping - Document change only	De Minimis Optional

Change ID	Date	Component	Description	Inclusion
000466	5/25/2010	DS200	DS200 Ballot Box Caster Bolt 2nd source	De Minimis Optional
000523	5/25/2010	DS200	Add Double coated tape	De Minimis Optional
000529	5/25/2010	DS200	Carry Case remove micro switch bracket and switch cable	De Minimis Optional
000534	5/25/2010	DS200	Add clamps to chassis	De Minimis Optional
000535	5/25/2010	DS200	Tape and holes for attaching clamps, no change to wire routing	De Minimis Optional
000545	5/25/2010	DS200	Image Scanner Cable labels	De Minimis Optional
000554	5/25/2010	DS200	Mylar tab – double sided tape	De Minimis Optional
000562	5/25/2010	DS200	Mount Knurling motor process change	De Minimis Optional
000566	5/25/2010	DS200	Labels, screws and clamps	De Minimis Optional
000570	5/25/2010	DS200	Wire change black color wires to use different colors	De Minimis Optional
000576	5/25/2010	DS200	End of life SMT Power Inductor	De Minimis Optional
000618	5/25/2010	DS200	Part number labels – change text on label to identify the hardware version	De Minimis Optional
000628	9/1/2010	DS200	Plastic Power cord shield and case	De Minimis Optional
000665	9/1/2010	DS200	Ballot box diverter extender field retrofit	De Minimis Optional
000669	9/1/2010	DS200	Ballot tub	De Minimis Optional
000674	9/1/2010	DS200	Plastic Power cord shield and case	De Minimis Optional
855	3/29/2011	M650	Add Fuji Film as alternate manufacturer for zip disk	De Minimis Optional
858	3/30/2011	M100	End of life replacement for Clock Chip	Optional
861	1/6/2011	VAT	Change in adhesive that they use to hold the Mylar to the glass on the touch screen	De Minimis Optional
860	3/30/2011	M100	Alternate Manufacturer for Clock Chip	De Minimis Optional
865	2/16/2011	M100	Contact Image Sensor Part Number Change	De Minimis Optional