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Company	Voting System/System Component	Software	Hardware/Firmware	System ID # / Qualified to '90 or '02 VSS	Final Report Date
AutoMARK Technical Systems LLC	ES&S AutoMARK Voting System Release 1.0	ES&S Unity v. 2.4.3 AutoMARK AIMS 1.09 (2002)	Model 100 Optical Scan Precinct Ballot Counter Firmware v. 5.0.0.0 Model 150/550 v. 2.1.1.0 Model 650 v. 1.2.0.0 Optech Eagle v. 1.50 APS, v. 1.28 HPS, CPS v. 1.02/C1.04 AutoMARK Voter Assist Terminal (VAT) v. 1.0 (2002)	N-1-16-22-12-001 (1990)	6/1/2005
AccuPoll	AccuPoll v. 2.3.14	MS Excel 9.0 MS Windows XP Pro 2002 s-pk.1 MS Windows 2000 Professional MS Internet Explorer 6.0 SP1 Red Hat Linux 7.2 AccuPoll EMS 2.3.14 AccuPoll In Precinct 2.3.14	Dell Dim 2350 Pentium IV PC Advantech Model PS-55AE PC APC UPS power suply Model 500 Lexmark Z55 Inkjet Printer Fastpoint FPV-215-L-8A Touchscreen CompactFlash 64mb Memory Card GemPlus GemPC430 VAW Smart Card Reader Uniform Industrial Corp. HCR330 AVS Smart Card Reader Audio Headphones Visually impaired keyboard (pending) Sony Model PCG-9E1L Laptop PC AccuPoll DRE AVS1 2.3.6 AccuPoll DRE AVS2 2.3.6 AccuPoll Visually impaired keyboard 2.3.6 Radio Shack Audio Headphones Standard CAT-5 Ethernet cables Sony Model PCG-9G1L Laptop PC NetGear Model FS108 Fast Ethernet switches Gateway X86 Pentium III Laptop PC	N-2-13-11-11-001 (1990)	2/20/2004



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AccuPoll	AccuPoll v. 2.5	MS XP Pro 2002 s-pk.1 Red Hat Linux 7.2 AccuPoll EMS 2.5 AccuPoll In Precinct 2.5 AccuPoll Ballot Builder 2.5	Dell Laptop PP01L HHP SR IT4600 scanner Lexmark Z705 Inkjet printer TFT LCD touchscreen overlay Standard Compact Flash UIC HCR331 AVS Smart Card Reader New Englan Keyboard (visually impaired keyboard) Enabling Devices (Sip& Puff) Winbook 8640 Laptop Gemplus Smart Card Reader/Writer SpeedStream Fast Ethernet switches Sony PC, Keyboard KDS USA Monitor Hawking Technology 8 Port Ethernet switch Sony Vaio Laptop OKI Microline 490 printer Sony Laptop	N-2-13-22-22-001 (2002)	4/19/2005
Avante International	Optical Vote-Trakker 1.5.0	<i>Optical Vote-Trakker 1.5.0</i> Count Ballots Rev. 1.00.4 V. 4.7.5 Ballot Preparation and Tally software	Canon DR5020 Scanner	N-1-12-22-22-002 (2002)	5/12/2004



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<p>Avante International</p>	<p>Vote-Trakker EVC-308SPR Touch Screen DRE Firmware release 4.7.6</p>	<p>Manage Ballot date Rev. 3.8.1 Generate VID Rev. 4.0.5 Generate Ballot Data Rev. 5.1.1 Load Ballot Data Rev. 3.5.1 Event Log 4.0.0 Tally 4.0.2 (2002)</p>	<p>Dell Latitude D500 (14") Microsoft Windows 2000 Professional Version 5.0.2195/ServicePack 4 Build 2195 Dell Latitude C840 (15") Microsoft Windows 2000 Professional Version 5.0.2195/ServicePack 4 Build 2195 Seiko M/N KPU-s347-11H Printer USB Computer Keyboard used for Audio Vote Entry UPS Tripp-Lite M/N Internet 350</p>	<p>N-1-12-22-12-001 (1990)</p>	<p>5/20/2004</p>
<p>Danaher</p>	<p>Guardian EMS 2.10 for ELECTronic 1242</p>	<p>Guardian EMS 2.10 / 2.10 DE (Delaware) Microsoft Windows 98 2nd ed. Microsoft Internet Explorer 6.0</p>	<p>ELECTronic 1242 DRE Firmware 4T10, 5T2 and 6T5. Danaher AED 6T Absentee entry device Pentium II 128MB RAM, 20 Gig Hard Drive PC Hewlett Packard HP2100 laser jet printer Hewlett Packard HP Design jet 1050 color plotter print</p>	<p>N04006000210 (1990) N04006000210-DE (1990)</p>	<p>12/5/2002</p>
<p>Diebold</p>	<p>GEMS 1-18-18</p>	<p>GEMS 1-18-18</p>	<p>AccuVote-OS Precinct Counter (formerly ES-2000) Firmware version 1.94W AccuVote-OS Precinct Counter Firmware version 1.96.4 AccuVote TS Precinct Counter Rev 6 version 1.0.2</p>	<p>N03060011818 (1990)</p>	<p>7/8/2003</p>



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Diebold	GEMS 1-18-19	GEMS 1-18-19	AccuVote-OS Precinct Counter Firmware version 1.94W AccuVote-OS Precinct Counter Firmware version 1.96.4	N-1-06-12-12-001 (1990)	2/3/2004
Diebold	GEMS 1-18-19	GEMS 1-18-19	AccuVote-OS Precinct Counter Firmware version 1.94W AccuVote-OS Precinct Counter Firmware version 1.96.4 AccuVote TS-R6 Precinct Counter Firmware Version 4.3.15D Windows CE OS 8/8/02 Bootloader 7/7/02 AccuVote TSx Precinct Counter Firmware Version 4.4.5 (2002) Spyrus Vote Card Encoder 1.3.2 (2002) Key Card Tool 1.0.1 (2002)	N-1-06-12-12-002 (1990)	5/20/2004
Diebold	GEMS 1-18-22	GEMS 1-18-22	AccuVote-OS Precinct Counter Firmware version 1.94W AccuVote-OS Precinct Counter Firmware version 1.96.4 AccuVote TS-R6 Precinct Counter Firmware Version 4.3.15D & 4.5.2 Windows CE OS 8/8/02 Bootloader 7/7/02 AccuVote TSx Precinct Counter Firmware Version 4.5.2 (2002) Vote Card Encoder 1.3.2 (2002) Key Card Tool 1.0.1 (2002)	N-1-06-12-12-003 (1990)	7/12/2004 9/29/2004



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Diebold	GEMS 1-18-19	GEMS 1-18-19	AccuVote OS Central Count, Firmware version 2.0.12 (2002) VCProgrammer 4.1.11 (2002)	N-1-06-12-12-004 (1990)	9/17/2004
Diebold	GEMS 1-18-22	GEMS 1-18-22	AccuVote OS Central Count, Firmware version 2.0.12 (2002) VCProgrammer 4.1.11 (2002)	N-1-06-12-12-005 (1990)	9/17/2004
Diebold	GEMS 1-17-23	GEMS 1-17-23	AccuVote OS Central Count, Firmware version 2.0.12 VCProgrammer 4.1.11	N-1-06-12-12-006 (1990)	9/17/2004
Diebold	GEMS 1-18-22G	GEMS 1-18-22G	AccuVote-TS Precinct Counter Rev 6 version 1.0.2 Windows CE3.0 Firmware version 4.5.2	N-1-06-12-12-007 (1990)	1/26/2005



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Diebold	GEMS 1-18-22G	GEMS 1-18-22G	AccuVote TS Precinct Counter Rev 6 Version 1.0.2 Windows CE 3.0 Firmware Version 4.5.2 Express Poll 4000 Version 2.0	N-1-06-12-12-009 (1990)	7/7/2005
Diebold	GEMS 1-18-22	GEMS 1-18-22	AccuVote TSx precinct count (touch screen) with AccuView Printer Module (AVPM) Bootloader BLR7-1.2.1 running WCER7-410.2.1 Firmware version 4.6.2 (2002)	N-1-06-12-22-008 (1990)	5/16/2005
Diebold	GEMS 1-18-24	GEMS 1-18-24	AccuVote-OS Precinct Count 1.96.6 Firmware AccuVote-OS Central Count 2.0.12 Firmware AccuVote TSx Precinct Counter with AVPM (Touch Screen with Printer Module) 4.6.3 Firmware Key card Tool 4.6.1 VCProgrammer 4.6.1 Voter Card Encoder 1.3.2 <i>Election Media Processor (EMP) 4.6.1 is <u>not qualified</u> to operate with this voting system.</i>	N-1-06-22-22-001 (2002)	6/27/2005



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<p>ES&S</p>	<p>Unity 2.4.2</p>	<p>Election Data Manager v. 7.2.1.0, Audit Manager v.7.0.2.0, Optech Image Manager 3.2.0.0, ESS Image Manager v. 7.2.0.0, Ballot On Line v. 1.0.0.0, iVotronic Image Manager v. 1.2.3.0 Hardware, Programming Manager v. 5.0.2.0, Data Aquisition Manager v. 5.0.3.0, Election Reporting Manager v. 6.4.2.0</p>	<p>iVotronic DRE Firmware v. 8.0.0.0 Model 100 Optical Scan Precinct Ballot Counter Firmware v. 5.0.0.0 Model 150/550 v. 2.1.0.0 Model 650 v. 1.2.0.0 Votronic 5.19 and 5.30 Optech IV-C v. 1.06a and 1.07a* Eagle v. 1.50 APS, v. 1.28 HPS, CPS v. 1.02/C1.04</p>	<p>N-1-02-12-11-001 (1990)</p>	<p>2/19/2004</p>
<p>ES&S</p>	<p>Unity 2.4.3</p>	<p><i>(changes from 2.4.2)</i> Program Manager v. 5.0.3.0 Data Acquisition Manager v. 5.0.3.1 Election Reporting Manager v. 6.4.3.0</p>	<p>iVotronic DRE Firmware v. 8.0.1.0 Model 100 Optical Scan Precinct Ballot Counter Firmware v. 5.0.0.0 Model 150/550 v. 2.1.1.0 Model 650 v. 1.2.0.0 Votronic 5.19 and 5.30 Optech IV-C v. 1.06a and 1.07a* Eagle v. 1.50 APS, v. 1.28 HPS, CPS v. 1.02/C1.04</p>	<p>N-1-02-21-21-002 (1990)</p>	<p>8/27/2004</p>



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ES&S	Unity 2.5	Audit Manager 7.3.0.0 Election Data Manager 7.3.0.0 ES&S Image Manager 7.3.0.0 Hardware Programming Manager 5.1.0.0 Data Acquisition Manager 6.0.0.0 Election Reporting Manager 7.0.0.0	iVotronic DRE Firmware v. 9.0.0.0 Model 650 Central Ballot Scanner Firmware release 2.0.1.0 Model 100 Precinct Ballot Counter Firmware release 5.1.0.0	N-1-02-22-22-003 (2002)	10/19/2004 11/11/2004 1/9/2005
Hart	Hart InterCivic eSlate System Version 3.0	BOSS version 3.0.03.44, Ballot Now version 2.00.09, Rally version 1.1.13, Tally version 3.1.18.0, COTS software: MS Windows 2000 Professional, service Pack 4	Scanner = Kodak 1500D, Scanner = Fujitsu M4099D, Scanner = Fujitsu M4097D, Scanner = Kodak 3520D, Scanner = Kodak i840	N-1-04-12-12-001 (1990)	9/18/2003
Hart	Hart InterCivic eSlate System Version 3.1	BOSS version 3.4.0 Ballot Now version 2.1.0 Rally version 1.2.0 Tally version 3.2.0 Servo 2.0.10	Desktop workstation, Dell GX-1240, Ser. No. 956L111 Desktop workstation, Dell GX-1240, Ser. No. 746L111 JBC, Ser. No. C01026 Firmware Version 2.0.13 JBC, Ser. No. C01161 Firmware Version 2.0.13 eSlate3000 Ser. No. A04D10, Firmware Version 2.0.13 eSlate300	N-1-04-12-12-002 (1990)	12/19/2003



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Hart	Hart InterCivic eSlate System Version 3.2	BOSS version 3.4.0 Ballot Now version 2.02.05 & 2.02.06	Desktop workstation, Dell GX-240, Ser. No. 956L111 Desktop workstation, Dell GX-240, Ser. No. 746L111 MBB Card Reader Printer, HP DeskJet 932C, PSINET Number A000265656	N-1-04-12-12-003 (1990)	1/16/2004
Hart	Hart InterCivic eSlate System Version 3.3	BOSS version 3.4.0 Ballot Now version 2.3 Servo version 2.0.10 Rally version 1.2.0 Tally version 3.2.0	Desktop workstation, Dell GX-240, Ser. No. 956L111 Desktop workstation, Dell GX-240, Ser. No. 746L111 MBB Card Reader Printer, HP DeskJet 932C, PSINET Number A000265656	N-1-04-12-12-004 (1990)	5/5/2004
Hart	Hart InterCivic eSlate System Version 3.4	BOSS version 3.5.4 Ballot Now version 2.3 Servo version 2.0.10 Rally version 1.2.0 Tally version 3.2.0	eSlate 3000 release 2.3.8 JBC 1000 firmware revision 2.3.8	N-1-04-12-12-005 (1990)	8/2/2004



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Hart	Hart InterCivic eSlate System Version 4.0	BOSS version 4.0.48 Ballot Now version 3.0.24 Rally version 2.0.11 Tally version 4.0.25 eCM Manager 1.0.7 Servo 3.0.17 COTS software: MS Windows 2000 Prof, Service Pack 4	JBC Firmware Version 3.0.15 eSlate Firmware Version 3.0.15	N-1-04-22-22-001 (2002)	3/31/2005
Hart	Hart InterCivic eSlate System Version 4.1	BOSS version 4.0.48 Ballot Now version 3.0.24 Rally version 2.0.11 Tally version 4.0.25 eCM Manager 1.0.7 Servo 3.0.17 COTS software: MS Windows 2000 Prof, Service Pack 4	JBC Firmware Version 3.1.2 eSlate Firmware Version 3.1.2	N-1-04-22-22-002 (2002)	5/18/2005
Liberty Election Systems, LLC./NEDAP	LibertyControl Election Management System Version 1.0	LibertyControl Version 1.0	LibertyVoteESU1 DRE	N-2-14-22-22-001 (2002)	11/9/2004



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Populex	Digital Paper Ballot Voting System v. 1.0	Election Management System version 2.19	PopulexSlate version 8.09.01	N-2-15-22-22-001 (2002)	11/18/2004
Populex	Digital Paper Ballot Voting System v. 1.1	Election Management System version 2.19	PopulexSlate version 8.11.06	N-2-15-22-22-002 (2002)	5/23/2005
Sequoia	<i>AVC Advantage DRE</i>		<i>AVC Advantage DRE Firmware version 7.00F</i>	<i>N010201 (1990)</i>	<i>3/28/1997</i>
Sequoia	<i>WinEDS version 2.6 Build 220</i>	<i>WinEDS ver. 2.6 (220)</i>	<i>AVC Edge DRE Touchscreen Firmware version 4.0</i>	<i>N03070026220 (1990)</i>	<i>7/25/2002</i>
Sequoia	<i>EMS/AERO version 3.54</i>	<i>EMS/AERO version 3.54</i>	<i>Insight Optical Ballot Reader ver. HPX.K/K1.38, APX.K2.04 Eagle Optical Ballot Reader ver. HPS.D/H1.30 Optech 4C Central Office Ballot Counter ver. WinETP 1.02B</i>	<i>N03070000354 (1990)</i>	<i>10/31/2002</i>



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Sequoia	EMS/AERO version 3.54.1	EMS/AERO version 3.54.1 Optech Ballot Wizard version 1.0 (2002) SPR Host version 1.04 MPR version 2.15	Optech 3P Eagle APS.H1.52.980428.1040 CPS.H1.08A.980428.1150 HPS.D/H1.30.980428.1130 Optech Insight APX K2.06.021108.1600 CPX.J/K1.12.020412.1100 HPX.K/K1.40.021030.1110 Optech 400-C Ballot Counter WinETP 1.10.5 (2002)	N-1-07-12-12-001 (1990)	2/1/2005
Sequoia	WinEDS version 3.0	Workstation Client Software .99 Database Server Software .99 Report Server Software 1.02 (2002)	Sequoia 400C Scanner/Tabulator, Firmware version 1.02b Sequoia Card Activator, Model 4.1 Sequoia Card Activator, Model 4.32 Sequoia Cartridge Reader/Writer AVC Edge DRE Touchscreen Model 3.1 Firmware version 4.1D	N-1-07-22-11-001 (1990)	8/18/2003
Sequoia	WinEDS version 3.0	Workstation Client Software .99 Database Server Software .99 Report Server Software 1.02 (2002)	AVC Edge DRE Touchscreen Firmware version 4.1J/K	N-1-07-22-11-002 (1990)	9/25/2003 10/23/2003
Sequoia	WinEDS version 3.0	Workstation Client Software .99 Database Server Software .99 Report Server Software 1.02 (2002)	AVC Edge DRE Touchscreen Firmware version 4.2	N-1-07-22-11-003 (1990)	10/9/2003



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Sequoia	WinEDS version 3.0.132	WinEDS version 3.0.132 (2002)	Optech 400C Scanner/Tabulator version 1.02b Sequoia AVC Edge, Model I version 4.2 Sequoia AVC Edge, Model II version 4.2 Sequoia AVC Advantage, firmware 8.00B Sequoia Card Activators, Rev. E version 4.32 Sequoia Cartridge Reader/Writer	N-1-07-22-11-004 (1990)	7/16/2004
Sequoia	WinEDS version 3.0.134	WinEDS version 3.0.134 (2002)	Sequoia (Optech) 400C Scanner/Tabulator, Firmware version 1.02b Sequoia AVC Edge Model II version 4.2a Sequoia AVC Edge Model I version 4.10 Sequoia AVC Edge Model I version 4.2a Sequoia AVC Advantage, version 9.00G Sequoia AVC Advantage, version 8.00B	N-1-07-22-11-005 (1990)	9/3/2004



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Sequoia	WinEDS version 3.0.134	WinEDS version 3.0.134 (2002)	Sequoia (Optech) 400C Scanner/Tabulator, Firmware version 1.02b Sequoia AVC Edge Model II version 4.2a, & 4.3.320 w. VeriVote Printer# Sequoia AVC Edge Model I version 4.10, 4.2a, & 4.3.307 Sequoia AVC Advantage, version 9.00G Sequoia AVC Advantage, version 8.00B	N-1-07-22-11-006 (1990)	10/20/2004
Sequoia	WinEDS version 3.0.134	WinEDS version 3.0.134 (2002)	Sequoia 400C /WinETP 1.10.5 Sequoia AVC Edge Model II version 4.3.320 w. VeriVote Printer# Sequoia AVC Edge Model I version 4.3.320	N-1-07-22-11-007 (1990)	5/19/2005



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<p>TruVote</p>	<p>TruVote Voter Validation and Verification System</p>	<p>TruVote 1.0.0 Microsoft Windows 2000 SP2 & SP3 Microsoft Internet Explorer 6.0 SP1 Epson TM-T8811 Partial Cut Print Driver</p>	<p>Inlight XIMFlex-B17686 PC Non touch Screen Inlight XIMFLEX-1B 768601-IT01 PC Touch Screen Puritron IT2000 PC Touch Screen Tripp-Lite Internet 350 Universal power supply WaspNest CCd Barcode Scanner Unitech MSR-206 Magnetic swipe card writer Unitech MS</p>	<p>N04005000100 (1990)</p>	<p>5/15/2003</p>
<p>* The Optech systems tested and identified under this release are legacy systems/releases not independently qualified under ITA testing. Use of these units should be based on state and local testing.</p>	<p><i>Entries in italics denote systems or system components previously qualified but not included on prior NASED lists.</i></p>		<p># Edge Version 4.3.320 includes a configuration in which the serial number of the voting machine has been removed from all hardcopy output generated by the VeriVote printer in order to ensure the secrecy of the ballot in jurisdictions where more than one machine is used.</p>		



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