

**State of Iowa
Approved Voting Systems**

Company Name and Address	Voting System Only the versions listed are approved for use in Iowa.
<p>Election Systems and Software 11208 John Galt Blvd. Omaha, Nebraska 68137 (800) 247-8683 info@essvote.com</p>	<p style="text-align: center;">Software Version</p> <p>ESS Event Log Service 2.0.0.0 Removable Media Service 2.0.0.0 ElectionWare 5.0.5.0 ExpressVote Previewer 1.5.4.0 & 2.6.0.0 Regional Results 1.3.0.0.</p> <p style="text-align: center;">Firmware</p> <p>DS200 2.21.1.0 DS450 3.5.0.0 DS850 3.5.0.0. ExpressVote Universal Voting Device 1.5.4.0 & 2.6.0.0</p> <p style="text-align: center;">COTS</p> <p>Operating System Windows 10 LTSC/Windows Server 2016 Adobe Acrobat Standard XI Ceberus FTP Server 11.3.4 (64 bit) IPSwitch WS FTP 12 12.7.0 Kiwi Syslog Server 9.6.7 Cisco A5506 or A5508 Firewall 9.16.1 Cradlepoint Router 7.0.7.0 or 7.21.30</p>
<p>Election Systems and Software 11208 John Galt Blvd. Omaha, Nebraska 68137 (800) 247-8683 info@essvote.com</p>	<p>EVS 6.1.1.0 – Approved 6-2-2021</p> <p style="text-align: center;">Software Version</p> <p>ESS Event Log Service 2.0.0.0 Removable Media Service 2.0.0.0 ElectionWare 6.0.1.0 ExpressVote Previewer 4.0.0.0</p> <p style="text-align: center;">Firmware</p> <p>DS200 2.30.0.0 DS450 3.4.0.0 DS850 3.4.0.0 ExpressVote Universal Voting Device 4.0.0.0</p> <p style="text-align: center;">COTS</p> <p>Operating System Windows 10 Enterprise/Windows Server 2016 Sumatra PDF 3.1.2 Symantec Endpoint Protection 14.2.0_MP1</p>

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<p>Election Systems and Software 11208 John Galt Blvd. Omaha, Nebraska 68137 (800) 247-8683</p> <p>info@essvote.com</p>	<p>EVS 6.0.5.0 - Approved 12-18-2019</p> <p style="text-align: center;">Software Version</p> <p>ESS Event Log Service 1.6.0.0 Removable Media Service 1.5.1.0 ElectionWare 5.0.5.0 ExpressLink 1.5.0.0 ExpressVote Previewer 1.5.3.0 & 2.4.6.0 Regional Results 1.3.0.0.</p> <p style="text-align: center;">Firmware</p> <p>DS200 2.17.5.0 DS450 3.1.1.0 DS850 3.1.1.0 ExpressVote Universal Voting Device 1.5.3.0 & 2.4.6.0</p> <p style="text-align: center;">COTS</p> <p>Operating System Windows 7 SP1/Windows Server 2008 R2 SP1 Adobe Acrobat Standard XI Symantec Endpoint Protection 14.2.0 MP1 Ceberus FTP Server 10.0.8 IPSwitch WS FTP 12 12.7.0 Kiwi Syslog Server 9.6.7 Cisco A5505 or A5506 X Firewall 9.17-32, 9.9.2-32 Cradlepoint Router 7.0.0</p>

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Election Systems and Software 11208 John Galt Blvd. Omaha, Nebraska 68137 (800) 247-8683 info@essvote.com	EVS 5.3.4.0 - Approved 08-02-2018 <p style="text-align: center;">Software Version</p> ESS Event Log Service 1.5.5.0 Removable Media Service 1.4.5.0 ElectionWare 4.7.1.5 Paper Ballot 4.6.2.0 Election Reporting Manager 8.12.1.2 ExpressLink 1.3.0.0 ExpressVote Previewer 1.4.1.7 & 2.4.2.0 AutoMARK VAT Previewer 1.8.6.1 Regional Results 1.1.0.0. <p style="text-align: center;">Firmware</p> AutoMARK VAT 1.8.6.1. DS200 2.12.4.0 DS450 3.0.0.0 DS850 2.10.2.0 ExpressVote Universal Voting Device 1.4.1.7 & 2.4.2.0 <p style="text-align: center;">COTS</p> Operating System Windows 7 SP1/Windows Server 2008 R2SP1 Adobe Acrobat Standard XI Symantec Endpoint Protection 14.01 MP1 Ceberus FTP Server 9.0.3.1 (x64) IPSwitch WS FTP 12 12.6.0.3 RMCOBOL 12.06 Cisco A5505 Firewall 9.1.7.23 Cisco A5506X Firewall 9.6.4.3 Kiwi Syslog Server 9.6

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<p>Election Systems and Software 11208 John Galt Blvd. Omaha, Nebraska 68137 (800) 247-8683</p> <p>info@essvote.com</p>	<p>EVS 5.3.2.0, Approved 03-29-2017</p> <p style="text-align: center;">Software Version</p> <p>ESS Event Log Service 1.5.5.0 Removable Media Service 1.4.5.0 ElectionWare 4.7.1.3 Paper Ballot 4.6.1.0 Election Reporting Manager 8.12.1.2 ExpressLink 1.3.0.0 ExpressVote Previewer 1.4.1.2 AutoMARK VAT Previewer 1.8.6.1 Regional Results 1.1.0.0.</p> <p style="text-align: center;">Firmware</p> <p>AutoMARK VAT 1.8.6.1. DS200 2.12.3.0 DS450 3.0.0.0 DS850 2.10.2.0 ExpressVote Universal Voting Device 1.4.1.2 Microsoft .NET 3.5 3.5</p> <p style="text-align: center;">COTS</p> <p>Windows 7 SP1/Windows Server 2008 R2SP1 Adobe Acrobat Standard XI Symantec Endpoint Protection 12.1.6 Ceberus FTP Server 8.0.8 IPSwitch WS FTP 12 12.5.1 Kiwi Syslog Server 9.4.2</p>
<p>Election Systems and Software 11208 John Galt Blvd. Omaha, Nebraska 68137 (800) 247-8683</p> <p>info@essvote.com</p>	<p>EVS 5.2.0.2, approved 05-28-2015</p> <p style="text-align: center;">Software</p> <p>ElectionWare 4.6.0.0 ExpressPass v. 1.1.0.0 ExpressVote Previewer v. 1.4.0.0 Removable Media Service v. 1.4.5.0 AutoMARK VAT Previewer v. 1.8.6.0 Regional Results NA Election Reporting Manager v. 8.11.0.0 Event Log Service 1.5.5.0</p> <p style="text-align: center;">Hardware</p> <p>AutoMARK VAT v. 1.8.6.0, hw v. 1.0, 1.1 & 1.3 DS200 v. 2.12.02, hw v. 1.2 & 1.3 DS850 v. 2.10.0.0, hw v. 1.0 ExpressVote v. 1.4.0.0, hw v. 1.0 Plastic Ballot Box, hw v. 1.2, 1.3 & 1.4 Steel Ballot Box, hw v. 1.0, 1.1 & 1.2</p> <p style="text-align: center;">COTS Software</p> <p>Microsoft Windows 7 SP1 Microsoft Server 2008 R2 SP1 Symantec Endpoint Protection v. 12.1.4</p>

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<p>Election Systems and Software 11208 John Galt Blvd. Omaha, Nebraska 68137 (800) 247-8683</p> <p>info@essvote.com</p>	<p>Unity 3.4.1.1, approved 12-24-2014</p> <p style="text-align: center;">Software</p> <p>Audit Manager v. 7.5.2.0 Election Data Manager v. 7.8.2.0 ESS Image Maker v. 7.7.2.0 AutoMARK Information Manager v. 1.3.257 AutoMARK VAT Previewer v. 1.3.2907 Hardware Programming Manager v. 5.9.1.0 Election Reporting Manager v. 7.9.1.0 Log Monitor Service v. 1.1.0.0</p> <p style="text-align: center;">Hardware</p> <p>AutoMARK VAT v. 1.3.2907, hw v. 1.0, 1.1 & 1.3 Model 100 v. 5.4.4.5, hw v. 1.3 DS200 v. 1.7.1.0, hw v. 1.2 Model 650 v. 2.2.2.0, hw v. 1.1 & 1.2 DS850 v. 2.9.0.0, hw v. 1.0 Plastic Ballot Box, hw v. 1.2 & 1.3 Steel Ballot Box, hw v. 1.0, 1.1 & 1.2</p> <p style="text-align: center;">COTS Software</p> <p>Cerberus FTP Server v. 6.0.6.0 IPSwitch WS_FTP 12 v. 12.4 Microsoft Windows 7 SP1 Microsoft Server 2008 R2</p>
<p>Election Systems and Software 11208 John Galt Blvd. Omaha, Nebraska 68137 (800) 247-8683</p> <p>info@essvote.com</p>	<p>Unity 3.4.0.1, approved 1/18/2013:</p> <p style="text-align: center;">Software:</p> <p>Audit Manager, v. 7.5.2.0 Election Data Manager, v. 7.8.1.0 ESS Image Manager, v. 7.7.1.0 Hardware Programming Manager, v. 5.8.0.0 Election Reporting Manager, v. 7.8.0.0 AutoMARK Information Manager, v. 1.3.257 AutoMARK VAT Previewer, 1.3.2907</p> <p style="text-align: center;">Hardware:</p> <p>Model 100 5.4.4.5, hw version 1.3 Model 650 v. 2.2.2.0, hw version 1.1 & 1.2 AutoMARK v. 1.3.2907, hw vrsns 1.0, 1.1 & 1.3 DS200 v. 1.6.0.0, hw version 1.2 DS850 v. 2.2.0.0, hw version 1.0 Plastic Ballot Box, hw version 1.2 & 1.3 Steel Ballot Box, hw version 1.0, 1.1 & 1.2 COTS Software: Cerberus FTP Server v. 4.0.9 IPSwitch WS_FTP 12 v. 12.3</p>

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<p>Election Systems and Software 11208 John Galt Blvd. Omaha, Nebraska 68137 (800) 247-8683</p> <p>info@essvote.com</p>	<p>Unity 3.0.1.1 Ammendement A N-2-02-22-22-007, approved 12/13/2006:</p> <p style="text-align: center;">Software:</p> <p>Audit Manager, v. 7.3.0.0 Election Data Manager, v. 7.4.4.0 ES&S Image Manager, v. 7.4.2.0 IVotronic Image Manager, v. 2.0.1.0 Hardware Programming Manager, v. 5.2.4.0 Data Acquisition Manager, v. 6.0.0.0 Election Reporting Manager, v. 7.1.2.1 AutoMARK Information Management System, v. 1.2.18</p> <p style="text-align: center;">Hardware:</p> <p>IVotronic RTAL booth 9.1.6.2 IVotronic 9.1.6.2 Model 100 5.2.1.0 Model 650 2.1.0.0 AutoMARK 1.1 (Model A200) Firmware v. 1.1.2258</p>
<p>Unisyn Voting Solutions 2310 Cousteau Court San Diego, CA 92081 1-760-734-3233</p> <p>mktg@unisynvoting.com</p>	<p>OpenElect 2.2 Approved 1-19-2022</p> <p style="text-align: center;">Software</p> <p>Ballot Layout Manager (BLM) v2.2 Election Manager(EM) v2.2 Tabulator Client(TC) v2.2 Tabulator (Tab) v2.2 Tabulator Reports(TR) v2.2 OVCS Application v2.2 Auditor v2.2 Validator v2.2</p> <p style="text-align: center;">Hardware</p> <p>OVO v2.2 FVT-Tablet Voting Device v2.2 FVT-B-Tablet Voting Device v2.2 OVI-VC- 15' Screen v2.2 OVCS mini v2.2 OVCS v2.2 OVO Ballot Box 1 v1.1 OVO Ballot Box 2 v1.2 FVS Ballot Box v1.0</p>

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<p>Unisyn Voting Solutions 2310 Cousteau Court San Diego, CA 92081 1-760-734-3233</p> <p>mktg@unisynvoting.com</p>	<p>OpenElect 2.1 Approved 11-25-2019</p> <p style="text-align: center;">Software</p> <p>Ballot Layout Manager v2.1 Election Manager v.2.1 Software Server v.2.1 Election Server v.2.1 Tabulator Client v. 2.1 Tabulator v.2.1 Tabulator Reports v2.1 Adjudicator v2.1 Scriptor v2.1 Validator v. 2.1</p> <p style="text-align: center;">Hardware</p> <p>OVO v 2.1, Hardware version Rev. A & E OVI, 15" Screens v.2.1, hardware ver. Rev. A, B & F FVT v. 2.1 OVCS v.2.1, hardware version v.2.1 – Central Scanner M160 OVCS v.2.1, hardware version v.2.1 – Central Scanner DRX10C OVO Ballot Box 1, hardware version 1.1 OVO Ballot Box 2, hardware version 1.2</p>
<p>Unisyn Voting Solutions 2310 Cousteau Court San Diego, CA 92081 1-760-734-3233</p> <p>mktg@unisynvoting.com</p>	<p>OpenElect 2.0 Approved 9-6-2017</p> <p style="text-align: center;">Software</p> <p>Ballot Layout Manager v2.0 Election Manager v.2.0 Software Server v.2.0 Election Server v.2.0V OCSInstaller v.2.0 Tabulator Client v. 2.0 Tabulator v.2.0 Tabulator Reports 2.0 Validator v. 2.0</p> <p style="text-align: center;">Hardware</p> <p>OVO v 2.0, Hardware version Rev. A & E OVI, 15" Screens v.2.0, hardware ver. Rev. A, B & F FVT v. 2.0 OVCS v.2.0, hardware version v.2.0 OVO Ballot Box 1, hardware version 1.1 OVO Ballot Box 2, hardware version 1.2 OVO Ballot Box 3, hardware version 1.2 OVO Ballot Box 4, hardware version 1.2 OVO Ballot Box 5, hardware version 1.3 OVO Ballot Box 6, hardware version 1.3</p>

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<p>Unisyn Voting Solutions 2310 Cousteau Court San Diego, CA 92081 1-760-734-3233</p> <p>mktg@unisynvoting.com</p>	<p>OpenElect 1.3.3m Approved 3-6-2016</p> <p style="text-align: center;">Software</p> <p>Ballot Layout Manager v1.3 Election Manager v.1.3.M Software Server v.1.3 Election Server v.1.3 OCSInstaller v.1.3.3.M Tabulator Client v. 1.3.M Tabulator v.1.3.3.M Tabulator Reports v.1.3 Validator v. 1.3.3.M</p> <p style="text-align: center;">Hardware</p> <p>OVO v 1.3.3.M, Hardware version Rev. A & E OVI, 7" & 15" Screens v.1.3, hardware version Rev. A, B & F OVCS v.1.3, hardware version v.1.3 OVO Ballot Box 1, hardware version 1.1 OVO Ballot Box 2, hardware version 1.2 OVO Ballot Box 3, hardware version 1.2 OVO Ballot Box 4, hardware version 1.2 OVO Ballot Box 5, hardware version 1.3 OVO Ballot Box 6, hardware version 1.3</p>
<p>Unisyn Voting Solutions 2310 Cousteau Court San Diego, CA 92081 1-760-734-3233</p> <p>mktg@unisynvoting.com</p>	<p>Open Elect 1.3m, approved 05-28-2015</p> <p style="text-align: center;">Software</p> <p>Ballot Layout Manager v1.3 Election Manager v.1.3m Software Server v.1.3 Election Server 1.3 Tabulator Client v. 1.3m Tabulator v.1.3 Tabulator Reports v.1.3 Scripter v.1.3 & 1.3m Validator v. 1.3 & 1.3m</p> <p style="text-align: center;">Hardware</p> <p>OVO v 1.3m, Hardware version Rev. A & E OVI, 7" & 15" Screens v.1.3, hardware version Rev. A, B & F OVCS v.1.3, hardware version v.1.3 OVO Ballot Box 1, hardware version 1.1 OVO Ballot Box 2, hardware version 1.2 OVO Ballot Box 3, hardware version 1.2 OVO Ballot Box 4, hardware version 1.2 OVO Ballot Box 5, hardware version 1.3 OVO Ballot Box 6, hardware version 1.3</p>

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Unisyn Voting Solutions 2310 Cousteau Court San Diego, CA 92081 1-760-734-3233 mktg@unisynvoting.com	OpenElect 1.3, approved 12/23/2014: Software OpenElect OVI with firmware v 1.3 OpenElect OVCS with firmware v. 1.3 Ballot Layout Manager v. 1.3 Election Manager v. 1.3 Software Server v. 1.3 Election Server v. 1.3 Tabulator Client v. 1.3 Tabulator v. 1.3 Tabulator Reports v. 1.3 Scripter v. 1.3 Validator v. 1.3

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<p>Dominion Voting Systems, Inc. 1201 18th St., Suite 210 Denver Colorado, 80202</p>	<p>Democracy Suite 5.5C and 5.5-CS Approved June 17, 2021 ImageCast Precinct Optical Scan System – Hardware model PCOS-320C with application software version (firmware) 5.5.41.3 ImageCast Precinct 2 Optical Scan System – Hardware model PCOS-330A version (firmware) 5.5.2.1 ImageCast X Prime BMD 21” – Model: aValue HID-21V-BTX-B1R: Version (firmware) 5.5.15.2 Printer Model: HP M402dne Printer ImageCast Precinct Optical Scan System (model PCOS-320C) ImageCast Central, version 5.5.41.0002 – Scanners Models: Canon DR-G2140 (COTS), Canon DR-G1130 (COTS), and Canon DR-M160-II (COTS) Microsoft Windows, Consisting of the following components;</p> <ul style="list-style-type: none"> • MS Windows Server 2012 R2 Standard • MS Windows 10 Professional version 1909 <p>Democracy Suite 5.5.40.2 (5.5-CS) consisting of the following software components:</p> <ul style="list-style-type: none"> o EMS Audio Studio, version 5.5.40.2 • EMS Election Data Translator, version 5.5.40.2 • EMS Election Event Designer, version 5.5.40.2 • ImageCast Voter Activation, version 5.5.40.2 • MS Results Tally and Reporting, version 5.5.40.2 <p>Adjudication software, version 5.5.40.1 Prerequisite software</p> <ul style="list-style-type: none"> o Cepstral 6.2 • Adobe Reader • iButton device driver o Java 7u80 • Java 8u144 • MS SQL Server 2016 Express with Service Pack 2 Visual J# • SQL Server Management Studio o Microsoft Visual C++ 2015 <p>Please note that the Democracy Suite 5.5-CS system configuration includes all of the components of the</p> <p>Democracy Suite 5.5-C system, with the addition of the following component. ImageCast Precinct Optical Scan System (model PCOS-320C) BMD printer HP 7110</p>

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Dominion Voting Systems, Inc. 1201 18th St., Suite 210 Denver Colorado, 80202	Democracy Suite 5.0 Approved 9-18-2017 ImageCast Precinct Optical Scan System Hardware model 320A/320C with application software version (firmware) 5.0.1 US ImageCast X Ballot Marking Device - Hardware model DTS-15V-Z37 (aValue) and BiMD printer HP M402dne (COTS), version 5.0.6149.28963 ImageCast Central, Scanners DR-G1130 (COTS) and DRMI 6011 (COTS), version 5.0.1-0001 Microsoft Windows components; MS Windows Server 2012 R_2 Standard MS Windows 8.1 Professional Democracy Suites 5.0.15.1, components; EMS Audio Studio, version 5.0.15.1 EMS Election Data Translator, version 5.0.15.1 EMS Election Event Designer, version 5.0.15.1 ImageCast Voter Activation, version 5.0.15.1 EMS Results Tally and Reporting, version 5.0.15.1 <p style="text-align: center;">Other Software;</p> Cepstral 6.2 Adobe Reader Java 7u76 Java 8u77 Microsoft Visual J# Microsoft Visual C++ 2013