



# **New York State Board of Elections**

## **Proposed RESOLUTION 22–02**

### **PROPOSED RESOLUTION TO PERMIT CERTIFICATION TESTING OF DOMINION VOTING SYSTEMS DEMOCRACY SUITE 5.16 VOTING SYSTEM**

**WHEREAS**, the New York State Board of Elections is in receipt of a completed application from Dominion Voting Systems to certify their Democracy Suite 5.16 (D-Suite 5.16) Voting System; and

**WHEREAS**, the certification described in the request, including the testing of Election Management System (EMS), ImageCast Voter Activation (ICVA), ImageCast Evolution (ICE), ImageCast Precinct (ICP), ImageCast Precinct 2 (ICP2), ImageCast Central (ICC), ImageCast X Ballot Marking Device (ICX BMD) and Adjudication (ADJ); and

**NOW THEREFORE BE IT RESOLVED** that the New York State Board of Elections authorizes the testing for the certification request made by Dominion Voting Systems for Democracy Suite 5.16 (D-Suite 5.16) Voting System.

**Election System Review: Go/No-Go Evaluation for Testing Activities**

**1 – Company Information**

Company Name: Dominion Voting Systems, Inc.

Product Name: Democracy Suite 5.16 (D-Suite 5.16)

**2 – Submission Type**

Application for Voting System Certification

Application for Automated Audit Tool Approval

Change/Modification to Voting System Certification

Change/Modification to Automated Audit Tool Approval

**3 – Description of System**

Direct Record Electronic (DRE)

Precinct (Optical Scan)

Central Count Absentee

Ballot Marking Device (BMD)

Automated Audit Tool

**4 – Application Submission Initiation**

<i>Vendor Request Type:</i>		<i>Other Request Type:</i>	
New system	<input checked="" type="checkbox"/>	NYS Election Law/Regulation Update	<input type="checkbox"/>
Critical bug remediation	<input type="checkbox"/>	SBOE Request	<input type="checkbox"/>
Bug remediation	<input type="checkbox"/>	CBOE Request	<input type="checkbox"/>
Enhancements/Features	<input type="checkbox"/>		
New Functionality	<input type="checkbox"/>		
End-of-Life System Component	<input type="checkbox"/>		

**5 – Certifications/Approvals**

EAC Certified: Democracy Suite Versions 5.0, 5.5, 5.5-A, 5.5-B, 5.5-C

State(s): Democracy Suite 5.16 is not certified in other states.

**6 – Scope of Testing**

Dominion Democracy Suite 5.16 (D-Suite 5.16) – Complete NYS Certification Testing including but not limited to:

- Verification of Requirements to NYS Election Law, NYS Regulations, and 2005 Voluntary Voting System Guidelines
- Source Code and Hardware Review
- Technical Data Package Review
- Functional Testing
- Security Testing
- Usability Testing

Name	SW Version	Type	Description
Election Management System (EMS)	5.16.7.1	New	EMS application software
ImageCast Voter Activation (ICVA)	5.16.7.1	New	Application for ICX BMD Smart Card Programming
ImageCast Evolution (ICE)	5.16.6.1	New	Precinct optical scan tabulator firmware
ImageCast Precinct (ICP)	5.16.6.1	New	Precinct optical scan tabulator firmware
ImageCast Precinct 2 (ICP2)	5.16.4.1	New	Precinct optical scan tabulator firmware
ImageCast Central (ICC)	5.16.6.1	New	Central count application software
ImageCast X Ballot Marking Device (ICX BMD)	5.16.5.1	New	Ballot marking device application software
Adjudication (ADJ)	5.16.7.1	New	Electronic adjudication application software

**7 – Executive Summary**

Dominion Voting Systems, Inc. is submitting their Democracy Suite 5.16 (D-Suite 5.16) for consideration for NYS Certification. The proposed submission uses current operating system versions, commercial off-the-shelf (COTS) computers, servers, and other equipment in its implementation. If certified, D-Suite 5.16 will allow County Boards of Elections to update away from end-of-life components in the current certified system such as Microsoft Window 7 Professional and associated compatible based hardware.

Below is a high-level summary overview of the D-Suite 5.16 submission:

- Addition of the ICC Canon DR-G2140 central count scanner (hardware)
- Addition of the ImageCast Precinct 2 (ICP2) (upgrade to ICP with color higher resolution display)
- Addition of the ImageCast X (ICX) BMD configuration
- Addition of ImageCast Voter Activation (ICVA) to program smart cards for enabling ballots on the ICX configurations
- Addition of an Adjudication module for performing electronic adjudication
- Addition of the Election Data Translator (EDT) application which enables bulk export and import of election definition data
- All Microsoft Windows based components running on Windows 10 Professional or Windows Server 2019 with SQL Server 2019
- Updated cryptographic modules
- Added Cast Vote Record exports for supporting Risk Limited Auditing
- Added ability to generate one or more ballots without generating all ballots in the election project
- Added new reporting section in RTR
- Added new features to existing ICE, ICP and ICC

Estimated project duration: 13 months

SLI Cost Estimate: \$1,446,275.00

NYSTEC Cost Estimate (includes Source Code Subcontractor): \$251,675.00

Total Cost Estimate: \$1,697,950.00