

**TENTATIVE AGENDA**  
**SCOTT COUNTY BOARD OF SUPERVISORS**  
**April 3 - 7, 2017**

**Tuesday, April 4, 2017**

**Committee of the Whole - 8:00 am**  
**Board Room, 1st Floor, Administrative Center**

- \_\_\_ 1. Roll Call: Knobbe, Kinzer, Holst, Beck, Earnhardt

**Presentation**

- \_\_\_ 2. Kathy Wine with River Action presenting information on the "First Bridge" Project.....8:00 a.m.

**Facilities & Economic Development**

- \_\_\_ 3. Setting an installation completion date for the Alliant Energy Pipeline Project. (Item 3)

**Human Resources**

- \_\_\_ 4. Staff appointments. (Item 4)
- \_\_\_ 5. Request to appoint Patrol Captain position. (Item 5)

**Health & Community Services**

- \_\_\_ 6. Scott County application for Substance Abuse Funding FY2018. (Item 6)
- \_\_\_ 7. Amended 28E Agreement for Eastern Iowa MH/DS Region Chief Executive Officer (CEO) position. (Item 7)
- \_\_\_ 8. Tax suspension request. (Item 8)

**Finance & Intergovernmental**

- \_\_\_ 9. Purchase of Election Equipment. (Item 9)
- \_\_\_ 10. Grant request to the Scott County Authority for the Tactical Emergency Medical Support (TEMS) equipment and supplies. (Item 10)
- \_\_\_ 11. IT research and advisory membership. (Item 11)

## Other Items of Interest

- \_\_\_ 12. Recognizing National Public Safety Telecommunicator's week, April 9-15, 2017. (Item 12)
- \_\_\_ 13. Board appointments. (Item 13)
- \_\_\_ 14. Consideration of appointments with upcoming term expirations for boards and commissions, all terms end 6/30/17
  - o Benefited Fire District #6 - Mary Freiderichs
  - o Compensation Board - Mike Duffy
  - o Compensation Board - Lisa Charnitz
  - o Library Board - Brent Herman
  - o Library Board - Nicole Wuestenberg
  - o Library Board - Shelly Engelbrecht

6/30/17 Quad City Convention & Visitors Bureau - Tim Huey  
7/1/17 Quad Cities First - Mahesh Sharma
- \_\_\_ 15. Adjourned.

Moved by \_\_\_\_\_ Seconded by \_\_\_\_\_  
Ayes  
Nays

## **Thursday, April 6, 2017**

**Regular Board Meeting - 5:00 pm**  
**Board Room, 1st Floor, Administrative Center**

**SCOTT COUNTY ENGINEER'S OFFICE**

950 E. Blackhawk Trail  
Eldridge, Iowa 52748

(563) 326-8640  
FAX – (563) 328-4173  
E-MAIL - engineer@scottcountyiowa.com  
WEB SITE - www.scottcountyiowa.com



JON R. BURGSTRUM, P.E.  
County Engineer

ANGELA K. KERSTEN, P.E.  
Assistant County Engineer

TARA YOUNGERS  
Administrative Assistant

**MEMO**

TO: Mahesh Sharma  
County Administrator

FROM: Jon Burgstrum, P.E.  
County Engineer

SUBJ: Setting an Installation Completion Date for the Alliant Energy IPL-CLI-RM Pipeline Project

DATE: March 28, 2017

In the summer and fall of 2016, Alliant Energy constructed a new 16” diameter natural gas pipeline in Scott County. The pipeline project is along a 12.3-mile long corridor which starts near the intersection of 235<sup>th</sup> Street and 270<sup>th</sup> Avenue in Scott County and runs northwesterly into Clinton County terminating near the intersection of US Hwy 67 and S. Washington Blvd.

Iowa law requires the County Board of Supervisors to provide an on-site inspector to perform land restoration inspection services in accordance with the standards adopted under Iowa Code 479.29, 479A.14, 479B.20 and 199 IAC Chapter 9. Land restoration inspection includes observation of topsoil removal, salvage, and replacement, drain tile repairs, and restoration of areas of soil compaction; to name a few. With Board approval on June 30, 2016, we entered into a contract with Clapsaddle-Garber Associates, Inc. (CGA) to perform this inspection.

CGA has notified us that all known tile repairs and soil restoration has been completed to the specifications required by the Iowa Code in Chapter 9, as well as the Instruction for County Inspectors booklet prepared by the Iowa Utilities Board. We have also spoken with Alliant Energy and they began pumping natural gas through the pipeline on February 7, 2017. Alliant Energy has stated that there are some properties that require re-seeding and de-compaction, and that work will be completed this spring.

Iowa Code 479.46 provides instruction regarding the determination of installation damages when an agreement cannot be made between the pipeline company and a landowner whose land was affected by the installation of the pipeline. We were contacted by such a landowner who has requested that the Board of Supervisors determine when the installation of the pipeline was completed. Section 479.46 specifically states that “The county board of supervisors shall determine when installation of a pipeline has been completed in that county for the purposes of this section. Not less than ninety days after the completion of installation, and if an agreement cannot be made as to damages, a landowner whose land was affected by the installation of the pipeline or a pipeline company may file with the board of supervisors a petition asking that a compensation commission determine the damages arising from the installation of the pipeline.” By setting the installation date, this will allow the landowner or pipeline company to file this petition if so desired.

I am recommending that the Board of Supervisors pass a resolution stating that the installation of this pipeline was completed on February 7, 2017.

THE COUNTY AUDITOR'S SIGNATURE CERTIFIES THAT  
THIS RESOLUTION HAS BEEN FORMALLY APPROVED BY  
THE BOARD OF SUPERVISORS ON \_\_\_\_\_  
DATE

\_\_\_\_\_  
SCOTT COUNTY AUDITOR

R E S O L U T I O N

SCOTT COUNTY BOARD OF SUPERVISORS

April 6, 2017

APPROVAL OF THE ALLIANT ENERGY IPL-CLI-RM PIPELINE INSTALLATION  
COMPLETION DATE IN SCOTT COUNTY

BE IT RESOLVED by the Scott County Board of Supervisors as  
follows:

Section 1. That installation of the Alliant Energy IPL-CLI-  
RM Pipeline has been completed in Scott County for the  
purposes of Iowa Code Section 479.46.

Section 2. That installation of this pipeline was completed  
on February 7, 2017.

Section 3. That this resolution shall take effect  
immediately.



THE COUNTY AUDITOR'S SIGNATURE CERTIFIES  
THAT THIS RESOLUTION HAS BEEN FORMALLY  
APPROVED BY THE BOARD OF SUPERVISORS ON

\_\_\_\_\_  
DATE

\_\_\_\_\_  
SCOTT COUNTY AUDITOR

## R E S O L U T I O N

### SCOTT COUNTY BOARD OF SUPERVISORS

April 6, 2017

### APPROVAL OF STAFF APPOINTMENTS

BE IT RESOLVED BY the Scott County Board of Supervisors as follows:

Section 1. The hiring of Abbey Billingsley for the position of Correction Officer in the Sheriff's Office at the entry level rate.

Section 2. The hiring of John Lefman for the position of Correction Officer in the Sheriff's Office at the entry level rate.

Section 3. The hiring of Jacob Turner for the position of Correction Officer in the Sheriff's Office at the entry level rate.

Section 4. The hiring of Adrienne Warren for the position of Correction Officer in the Sheriff's Office at the entry level rate.

Section 5. The hiring of Mary Jane Holmlund for the position of Multi-Service Clerk in the Treasurer's Office at the entry level rate.

Section 6. The hiring of Wendy Dooley for the position of Multi-Service Clerk in the Treasurer's Office at the entry level rate.

**TIM LANE**  
**Scott County Sheriff**

Item 05  
4/4/17

**SHAWN ROTH**  
Chief Deputy Sheriff



**BRYCE SCHMIDT**  
Chief Deputy Sheriff

EMERGENCY 9-1-1  
(563) 326-8625  
(563) 326-8689 (FAX)

400 West 4<sup>th</sup> Street  
Davenport, Iowa 52801-1104

[www.scottcountyiowa.com/sheriff](http://www.scottcountyiowa.com/sheriff)  
[sheriff@scottcountyiowa.com](mailto:sheriff@scottcountyiowa.com)

Date: April 4, 2017

Memo To: Scott County Board of Supervisors

From: Sheriff Tim Lane

**REF: Request to Appoint Patrol Captain Position**

I am requesting Board approval to change the Patrol captain position from a Civil Service position to an appointed position by the Sheriff. On Monday, March 20, 2017, the Civil Service Commission approved this request.

This request is not requiring any additional budget dollars, as the Patrol captain position's salary will be set at 83 percent of the Sheriff's salary, matching the salary of the recently retired Patrol captain.

If you should need any further information, please feel free to contact me or Major Shawn Roth.

THE COUNTY AUDITOR'S SIGNATURE CERTIFIES  
THAT THIS RESOLUTION HAS BEEN FORMALLY  
APPROVED BY THE BOARD OF SUPERVISORS ON

DATE

SCOTT COUNTY AUDITOR

## R E S O L U T I O N

### SCOTT COUNTY BOARD OF SUPERVISORS

April 6, 2017

APPROVING THE SALARY OF THE CHIEF DEPUTY – CAPTAIN FOR THE  
SHERIFF'S OFFICE AND RELATED TABLE OF ORGANIZATION CHANGES

BE IT RESOLVED BY the Scott County Board of Supervisors as follows:

Section 1. That the table of organization for the Sheriff's Office decrease by 1.0 FTE to reflect the elimination of a Sheriff's Captain position.

Section 2. That the table of organization for the Sheriff's Office increase by 1.0 FTE to reflect the addition of a Chief Deputy – Captain position (1.0 FTE total).

Section 3. The annual salary of the Chief Deputy - Captain in the Sheriff's Office is \$ 90,636 (83%) of the Sheriff's salary.

Section 4. It is understood that this position is considered a salaried employee and is not paid by the hour.

Section 5. This resolution amends the February 23, 2017 resolution approving elected officials salaries by adding this position and setting the salary of the Chief Deputy - Captain at \$94,288 (83%) effective July 1, 2017.

Section 6. This resolution shall take effect immediately.



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## Scott County Health Department

600 W. 4th Street | Davenport, IA 52801-1030 | P. 563-326-8618 | F. 563-326-8774  
health@scottcountyiowa.com | www.scottcountyiowa.com/health

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March 28, 2017

To: Mahesh Sharma, County Administrator  
From: Edward Rivers, Health Director

RE: Scott County Application for Substance Abuse Funding FY2018

The Iowa Department of Public Health has released the request for bid for the FY2018 County Substance Abuse Prevention Services Grant. Dollars received from this grant may be used to provide substance abuse programming involving education, prevention, referral, or post-treatment services. Grants of up to \$10,000 are available and must be matched three to one by county dollars. This is a grant that the county has participated in for a number of years, subcontracting with CADS (Center for Alcohol & Drug Services, Inc.) to provide services.

Based on the proposed budget for FY2018 for services through CADS, Scott County is eligible to apply for the full amount of \$10,000. If received, this funding would be used by CADS to provide prevention services. I have enclosed the application for these grant funds for consideration and ask that this be placed on the April 4, 2017 Committee of the Whole Agenda.



## Application

### 199367 - County Substance Abuse Programs FY18

199647 - Iowa Department of Public Health County Substance Abuse Programs  
Substance Abuse Prevention & Treatment

Status: Editing

Submitted  
Date:

### Applicant Information

#### Project Officer

AnA User Id AMY.THORESON@IOWAID  
First Name\* Amy Thoreson  
First Name Middle Name Last Name

Title:  
Email:\* amy.thoreson@scottcountyiowa.com  
Address:\* Scott County Health Department  
600 W. 4th Street

City\* Davenport Iowa 52801  
City State/Province Postal Code/Zip  
Phone:\* 563-326-8618 8833  
Phone Ext.

Program Area  
of Interest\* Environmental Health Services  
Fax: 563-326-8774

#### Organization Information

Organization  
Name:\* Scott County Board of Supervisors  
Organization  
Type:\* County Government  
DUNS: 05-081-2361  
Organization  
Website:  
Address:

Phone:  
City Iowa  
State/Province Postal Code/Zip  
Ext.

Fax:

### Cover Sheet-General Information

#### Authorized Official

Name\* Carol Earnhardt

Title\* Chair

Organization\* Scott County Board of Supervisors  
If you are an individual, please provide your First and Last Name.

Address\* Scott County Administrative Center  
600 W. 4th Street

City/State/Zip\* Davenport Iowa 52801  
City State Zip

Telephone Number\* 563-326-8618

E-Mail\* health@scottcountyiowa.com

#### Fiscal Officer / Agent

Please enter the "Fiscal Officer" for your Organization.

If you are an individual, please provide your First and Last Name.

Name\* Teri Arnold

**Title** Administrative Office Assistant

**Organization** Scott County Health Department

**Address** Scott County Administrative Center  
600 W. 4th Street

**City/State/Zip** Davenport Iowa 52801  
City State Zip

**Telephone Number** 563-326-8618

**E-Mail** health@scottcountyiowa.com

**County(ies) Participating, Involved, or Affected by this Proposal\*** Scott County

**Congressional District(s) Involved or Affected by this Proposal\*** 2nd - Rep David Loeb sack (D)  
Congressional Map

**Iowa Senate District(s) Involved or Affected by this Proposal\*** 45, 46, 47, 49  
District Map

**Iowa House District(s) Involved or Affected by this Proposal\*** 89, 90, 92, 93, 94, 97  
District Map

## Business Organization Form - Contact Information

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*Provide the legal name of the eligible applicant. (examples include: XYZ County DBA XYZ County Board of Health, XYZ Community Action Organization, etc.) Please contact the fiscal officer of the applicant organization if you are unsure of the legal name registered with the Federal Internal Revenue Services (IRS).*

**Legal Name of Eligible Applicant\*** Scott County Board of Supervisors

*Provide the legal address of the eligible applicant. This is the address associated with the Federal Tax ID Number.*

**Applicant Legal Address:\*** 600 W. 4th Street

**Applicant City:\*** Davenport

**Applicant State:\*** Iowa

**Applicant Zip Code:\*** 52801

**Applicant's Last 4 digits of Federal Tax ID Number:\*** 4465  
Enter only the last 4 digits of your Federal Tax ID Number

**Applicant's Phone Number:\*** 563-326-8618

**Applicant's Fax Number** 563-326-8774

*Include the name of the Executive Director or Chief Executive Officer of the Applicant Organization. If the Applicant is a Board of Health/Board of Supervisors, include the name of the Board's authorized signatory.*

**Executive Director/CEO Name\*** Edward Rivers

*Select Title.*

**Title:\*** Board Authorized Signatory

### Alternate Mailing Address for Warrant/Payment, as applicable

*This section is optional and will be used by IDPH if the applicant is awarded a contract. As applicable, applicant may enter an alternate address (if different from legal address above) for IDPH to mail warrants/payments for provision of services.*

**Attention to:**

**Insert alternate address, as applicable:** Street or PO Box

City:

State:

Zip Code:

## ***Business Organization Form - Business Structure***

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*Identify the legal structure of the applicant. If the applicant is not a governmental organization, the applicant must be registered with the Iowa Secretary of State's office to do business in Iowa or agrees to register if awarded a contract.*

**Legal Business Structure of Applicant.\*** Government- County

*Identify the state of incorporation or registration of the applicant.*

**State of Incorporation\*** Iowa

## ***Business Organization Form - Organization History***

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*Provide a brief history of the agency.*

**History\*** Scott County was established by an act of the territorial legislature of Wisconsin in December 1837. In 1874, the membership of the Board of Supervisors increased to its present five officials.

In 1978, County Home Rule broadened the powers of the Board of Supervisors to lead the 160,000 people of Scott County. In 1979 an administrative form of government was adopted, and the Board of Supervisors hired a county administrator.



This field is limited to 5,000 characters.

*Include the agency's mission statement.*

**Mission Statement\*** Scott County is dedicated to protecting, strengthening and enriching our community by delivering quality services and providing leadership with PRIDE.

This field is limited to 500 characters.

*Include the agency's vision statement.*

**Vision Statement\*** Scott County Iowa:  
Leader in Government  
PRIDE in Service  
Community of Choice

This field is limited to 500 characters.

## ***Business Organization Form - Table of Organization***

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*Attach a current table of organization.*

**Table of Organization\*** Organizational Chart.pdf

## ***Business Organization Form - Disclosure of Litigation***

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Answer "no" or "yes" as to whether the applicant has any pending or threatened litigation, administrative or regulatory proceedings or similar matters which could affect the applicant's ability to perform required services.

**Is there any litigation, administrative, or regulatory proceedings pending or threatened against your agency or subcontractor?\*** No

If "yes", list and summarize any pending or threatened litigation, administrative, or regulatory proceedings or similar matters which could affect the applicant's ability to perform required services.

### ***Business Organization Form - Disclosure of Contract Default***

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Has your agency or a subcontractor defaulted on a contract?	Contract or subcontract	Contact person	Telephone	Brief description of incident
No				

### ***Business Organization Form - Disclosure of Terminated Contract***

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Has your agency or subcontractor terminated a contract?	Identify if it was contract or subcontract	Contact person	Telephone Number of Contact Person	Email Address of Contact Person	Brief description of incident
No					

### ***Business Organization Form - Disclosure of Contract Termination***

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Has your agency or a subcontractor had a contract terminated?	Identify if it was a contract or subcontract	Contact Person	Telephone Number of Contact	Email Address of Contact Person	Brief Description of Incident
No					

### ***Business Organization Form - Audited financial statement***

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**1. Does the agency currently hold a contract with IDPH?**

Check "yes" or "no" regarding whether the applicant agency currently holds a contract with IDPH.

\* Yes

**2. Has the agency submitted audit reports (or operating statement if non-profit organization) to IDPH for the preceding three year period?**

\* Yes  
If "yes", no additional information is needed. Any applicant agency that currently holds a contract with IDPH and has previously submitted a current audit report need not submit a copy with this application. If "no", go to #3.

**3. Does the agency need to submit an audited financial statement with this application?**



\*

No

If the agency responds "no" to either #1 or #2, then yes, the agency must provide an audited financial statement for the preceding three year period with this application.

## ***Business Organization Form - Audited Financial Statement Attachment***

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**Audited Financial  
Statement or Operating  
Statement (if non-profit) -  
Year 1**

**Audited Financial  
Statement or Operating  
Statement (if non-profit) -  
Year 2**

**Audited Financial  
Statement or Operating  
Statement (if non-profit) -  
Year 3**

## ***Application Certification and Conditions***

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**The information contained in the Application Forms is accurate, to the best of my knowledge.**

\*

Yes

**Under no circumstances will any personnel, employee or independent contractor of the contractor, be paid by the programs applied for in this grant application or by any other programs administered by the contractor to an extent that would translate to a full-time equivalency of greater than 1.0. Furthermore, no time will be "double-charged".**

\*

Yes

**The organization has the resources to meet the goals and objectives included in this application for the amount of funds applied for.**

\*

Yes

**If a contract is awarded, based on my authority, the organization is committed to fulfilling the contract conditions from the Iowa Department of Public Health.**

\*

Yes

**If a contract is awarded, it is the contractor's sole responsibility to ensure appropriate individual (s) have registered within IowaGrants.gov and are granted access to the Grant Tracking site at www.IowaGrants.gov. The contractor acknowledges that all assigned individuals will have full rights (add, modify, and delete) for all Grant Tracking components including contractual forms, reporting forms, and claims submission.**

\*

Yes

**If a contract is awarded, I designate the following individual as the Grantee Contact with full responsibility for assignment of appropriate individuals to this grant in IowaGrants.gov**

\*

Amy Thoreson

**I have read and understood the applicable Scope of Work for this Funding Opportunity.**

\*

Yes

*The BOH or BOS Authorized Signatory must complete this form and sign it by typing in their name.*

**Signature\*** Edward Rivers

*Select your title.*

**Title of Signatory\*** Board Authorized Signatory

*Insert the date the Board Authorized Signatory completed and signed this form. Click 'Save' at the top of the page.*

04/07/2017

**Date form completed and signed\***

*Optional: This area is provided for the uploading of Transmittal Letter or other communication to IDPH as applicable to this application. IDPH reserves the right to make the determination of the applicability of the communications at its sole discretion.*

**Attachment****Personnel**

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**Personnel 1**

**Title/Position Description\*** County Program Administrator  
**First Name\*** Edward  
**Last Name\*** Rivers  
**Email Address\*** health@scottcountyiowa.com  
**Role and Responsibilities\*** Provide oversight of contract and subcontract activities.  
**Experience and Education\*** Provides oversight to 18 contracts with the Iowa Department of Public Health administered by the Scott County Health Department. Has been Director of Scott County Health Department since August of 2010, previously working for 20 years in North Carolina Environmental Health. Holds a Master of Public Health Degree.

**Credentials License #****Personnel Resume****Personnel 2**

**Title/Position Description\*** County Program Coordinator  
**First Name\*** Amy  
**Last Name\*** Thoreson  
**Email Address\*** amy.thoreson@scottcountyiowa.com  
**Role and Responsibilities\*** Provides oversight and assistance to subcontractor regarding application development and reporting requirements.  
**Experience and Education\*** Provides oversight and assistance to Scott County Health Department staff regarding application development and reporting requirements associated with Department's 18 contracts with the Iowa Department of Public Health. Has been with Scott County Health Department since February of 1999 serving in multiple roles. Has been Deputy Director since March of 2008. Holds a Master of Public Health Degree.

**Credentials License #****Personnel Resume****Personnel 3**

**Title/Position Description\*** Subcontractor Contract Administrator  
**First Name\*** Joseph  
**Last Name\*** Cowley  
**Email Address\*** jcowley@cads-ia.com  
**Role and Responsibilities\*** Responsible for day to day activities associated with the contract as well as contract reporting.  
**Experience and Education\*** Joseph Cowley (PhD) has worked at the Center for Alcohol & Drug Services, Inc. since 1995 serving in the role of Supervisor for Adolescent services from 1995 to 2000, Director of Clinical Operations from 2000 to 2008, and as administrator since 2008. In these roles, Dr. Cowley has been actively involved in grant administration and implementation. He holds a PhD in Theocentric Counseling and a Master's Degree in Pastoral Care. He is a Nationally Certified Addictions Prevention Specialist.

**Credentials License #****Personnel Resume**

## Service Area

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*Identify the proposed service area.*

**Applicant's Proposed Service Area\*** Scott County, Iowa

## Project Workplan Goals

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### Project Workplan Goals 1

**Goal\*** Goal 1 To increase perception of harm related to use and misuse of alcohol. Baseline measure: 71% of all grades perceived moderate to great risk, Iowa Youth Survey 2014,C9.

### Project Workplan Goals 2

**Goal\*** Goal 2 To reduce 30 day use of marijuana. Baseline measure: 6% of Scott County students in grades 6,8 and 11 report marijuana use in the past 30 days, Iowa Youth Survey 2014, B16.

## Objectives

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### Objectives 1

**Goal\*** Goal 1 To increase perception of harm related to use and misuse of alcohol. Baseline measure: 71% of all grades perceived moderate to great risk, Iowa Youth Survey 2014,C9.

**SMART Objective(s)\*** By June 30, 2018, conduct presentations to a minimum of 250 parents or school personnel with 75% of 250 participants increasing or maintaining their perception of harm related to use and misuse of alcohol.

**Rationale/Measure for Objective\*** 37% of Iowans 18-24 years old reported binge drinking in the past 30 days (BRFSS 2014).

14% of Scott County 11th graders reported at least 1 binge drinking episode in the past 30 days (IYS 2014, B17).

11% of all grades used alcohol in the past 30 days with 25% of 11th graders admitting to alcohol use in the past 30 days. (IYS 2014, B16)

### Objectives 2

**Goal\*** Goal 1 To increase perception of harm related to use and misuse of alcohol. Baseline measure: 71% of all grades perceived moderate to great risk, Iowa Youth Survey 2014,C9.

**SMART Objective(s)\*** By June 30, 2018, conduct presentations to a minimum of 300 community members with 75% of 300 participants increasing or maintaining their perception of harm related to use and misuse of alcohol.

**Rationale/Measure for Objective\*** 37% of Iowans 18-24 years old reported binge drinking in the past 30 days (BRFSS 2014).

14% of Scott County 11th graders reported at least 1 binge drinking episode in the past 30 days (IYS 2014, B17).

11% of all grades used alcohol in the past 30 days with 25% of 11th graders admitting to alcohol use in the past 30 days. (IYS 2014, B16)

### Objectives 3

**Goal\*** Goal 2 To reduce 30 day use of marijuana. Baseline measure: 6% of Scott County students in grades 6,8 and 11 report marijuana use in the past 30 days, Iowa Youth Survey 2014, B16.

**SMART Objective(s)\*** Conduct the curriculum Aggression Replacement Training-ART (OJJDP Model Program) to high risk and indicated populations. By June 30, 2018, 75% of 50 participants

surveyed on pre-post tests will have increased or maintained their perception of harm related to marijuana use.

**Rationale/Measure for Objective\*** 62% of Scott County students in grades 6, 8, and 11 report great to moderate risk to self from smoking marijuana more than once per week(IYS2014,C11).  
32% of Scott County students in grade 11 report they would be more popular or a lot more popular if they smoked marijuana(IYS2014,D3).

#### Objectives 4

**Goal\*** Goal 2 To reduce 30 day use of marijuana. Baseline measure: 6% of Scott County students in grades 6,8 and 11 report marijuana use in the past 30 days, Iowa Youth Survey 2014, B16.

**SMART Objective(s)\*** Conduct skill building sessions with youth at high risk and indicated populations. By June 30, 2018, 75% of 100 participants surveyed on pre-post tests will have increased or maintained their perception of harm related to marijuana use.



**Rationale/Measure for Objective\*** 62% of Scott County students in grades 6, 8, and 11 report great to moderate risk to self from smoking marijuana more than once per week(IYS2014,C11).  
32% of Scott County students in grade 11 report they would be more popular or a lot more popular if they smoked marijuana(IYS2014,D3).

## Activities

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#### Activities 1

**SMART Objective\*** By June 30, 2018, conduct presentations to a minimum of 250 parents or school personnel with 75% of 250 participants increasing or maintaining their perception of harm related to use and misuse of alcohol.

**Activity planned to achieve this objective\*** (1.1a) Present at PTA/PTO meetings, as requested by schools, to provide information on alcohol issues.

**Area(s)/County(s) Served\*** Scott County, Iowa

**Responsible Staff \*** Subcontract Agency Program Administrator

**Timeline \*** Ongoing

**Completion Date\*** June 30, 2018

#### Activities 2

**SMART Objective\*** By June 30, 2018, conduct presentations to a minimum of 250 parents or school personnel with 75% of 250 participants increasing or maintaining their perception of harm related to use and misuse of alcohol.

**Activity planned to achieve this objective\*** (1.1b) Through school events (school registration, parent meetings, or open house), staff will inform the public on science-based or community-based prevention programs.

**Area(s)/County(s) Served\*** Scott County, Iowa

**Responsible Staff \*** Subcontract Agency Program Administrator

**Timeline \*** Ongoing

**Completion Date\*** June 30, 2018

#### Activities 3

**SMART Objective\*** By June 30, 2018, conduct presentations to a minimum of 300 community members with 75% of 300 participants increasing or maintaining their perception of harm related to use and misuse of alcohol.

**Activity planned to achieve this objective\*** (1.2a) Participate in community health fairs, as requested, for local employers, agencies and businesses to provide information on alcohol issues.

**Area(s)/County(s) Served\*** Scott County, Iowa

**Responsible Staff \*** Subcontract Agency Program Administrator

**Timeline \*** Ongoing

**Completion Date\*** June 30, 2018

#### Activities 4

**SMART Objective\***

By June 30, 2018, conduct presentations to a minimum of 300 community members with 75% of 300 participants increasing or maintaining their perception of harm related to use and misuse of alcohol.

**Activity planned to achieve this objective\*** (1.2b) Conduct one-time presentations to community groups such as city councils, board of health, county planning councils, business associations, and service clubs about substance abuse and the potential risk and consequences.

**Area(s)/County(s) Served\*** Scott County, Iowa

**Responsible Staff \*** Subcontract Agency Program Administrator

**Timeline \*** Ongoing

**Completion Date\*** June 30, 2018

#### Activities 5

**SMART Objective\*** By June 30, 2018, conduct presentations to a minimum of 300 community members with 75% of 300 participants increasing or maintaining their perception of harm related to use and misuse of alcohol.

**Activity planned to achieve this objective\*** (1.2c) Through community meetings, staff will inform the public on science-based or community-based prevention programs.

**Area(s)/County(s) Served\*** Scott County, Iowa

**Responsible Staff \*** Subcontract Agency Program Administrator

**Timeline \*** Ongoing

**Completion Date\*** June 30, 2018

#### Activities 6

**SMART Objective\*** Conduct skill building sessions with youth at high risk and indicated populations. By June 30, 2018, 75% of 100 participants surveyed on pre-post tests will have increased or maintained their perception of harm related to marijuana use.

**Activity planned to achieve this objective\*** (2.2a) Co-facilitate at least 10 skill-building sessions regarding prevention of high risk behaviors and marijuana use with representatives of other community agencies such as but not limited to Scott County Juvenile Court Services and Family Resources Youth Alternative Program.

**Area(s)/County(s) Served\*** Scott County, Iowa

**Responsible Staff \*** Subcontract Agency Program Administrator

**Timeline \*** Ongoing

**Completion Date\*** June 30, 2018

#### Activities 7

**SMART Objective\*** Conduct skill building sessions with youth at high risk and indicated populations. By June 30, 2018, 75% of 100 participants surveyed on pre-post tests will have increased or maintained their perception of harm related to marijuana use.

**Activity planned to achieve this objective\*** (2.2b) Meet monthly with indicated population in Scott County Detention to facilitate skill building sessions and educate on harm related to marijuana use.

**Area(s)/County(s) Served\*** Scott County, Iowa

**Responsible Staff \*** Subcontract Agency Program Administrator

**Timeline \*** Ongoing

**Completion Date\*** June 30, 2018

#### Activities 8

**SMART Objective\*** Conduct the curriculum Aggression Replacement Training-ART (OJJDP Model Program) to high risk and indicated populations. By June 30, 2018, 75% of 50 participants surveyed on pre-post tests will have increased or maintained their perception of harm related to marijuana use.

**Activity planned to achieve this objective\*** (2.1a) Meet weekly with at-risk youth at an alternative high school, serving three of the four school districts, to conduct the model program, Aggression Replacement Training-ART.

**Area(s)/County(s) Served\*** Scott County, Iowa

**Responsible Staff \*** Subcontract Agency Program Administrator

**Timeline \*** Ongoing

**Completion Date\*** June 30, 2018

**Activities 9**

**SMART Objective\*** Conduct the curriculum Aggression Replacement Training-ART (OJJDP Model Program) to high risk and indicated populations. By June 30, 2018, 75% of 50 participants surveyed on pre-post tests will have increased or maintained their perception of harm related to marijuana use.

**Activity planned to achieve this objective\*** (2.1b) Conduct pre/post tests at the end of each 8 week cycle.

**Area(s)/County(s) Served\*** Scott County, Iowa

**Responsible Staff \*** Subcontract Agency Program Administrator

**Timeline \*** Ongoing

**Completion Date\*** June 30, 2018

**Subcontracts Proposed**

**Are Subcontracts proposed for work and services of this project?\*** Yes

**Subcontract Plan****Subcontract Plan 1**

**Subcontractor Identified?\*** Yes

**Scope of Work to be performed through a subcontract\*** Center for Alcohol & Drug Services, Inc. will provide substance abuse prevention services for males and females, adults and youth, on and off-site at multiple locations, during varied times and days.

**Anticipated Dollar Amount for each subcontract\*** \$40,000.00

**Name of subcontractor** Center for Alcohol & Drug Services, Inc.

**Subcontractor Street Address** 1523 S. Fairmount St.

**Subcontractor Address: City, State, Zip Code** Davenport

**Subcontractor Address-State.** Iowa

**Subcontractor Address-Zip.** 52802

**Subcontractor qualifications** CADS is the primary provider of substance abuse services in Scott County, Iowa, serving more than 2,200 clients each year in treatment, and more than 4,000 youth and families with a wide array of prevention and education services.

**Service Area the Subcontractor will serve** Scott County, Iowa

**Grant Funds**

Budget Category	Grant Funds Total	Match Amount	Total
Salaries/Fringe	\$0.00	\$0.00	\$0.00
Subcontract	\$10,000.00	\$30,000.00	\$40,000.00
Equipment	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00

Indirect or Administrative Costs		\$0.00	\$0.00	\$0.00
	Totals	\$10,000.00	\$30,000.00	\$40,000.00

### ***Budget Justification***

<b>Budget Category</b>	<b>Details</b>	<b>Grant Funds</b>	<b>Match</b>
B. Subcontract	Center for Alcohol & Drug Services, Inc. SALARY/FRINGE: Alexandra Rodriguez, Prevention Specialist, Annual Salary: (.15 FTE) Match: County tax dollars	\$2,369.00	\$2,028.00
B. Subcontract	Center for Alcohol & Drug Services, Inc. SALARY/FRINGE: TBD, Prevention Specialist, Salary: (.13 FTE) Match: County tax dollars	\$2,275.00	\$1,950.00
B. Subcontract	Center for Alcohol & Drug Services, Inc. SALARY/FRINGE: Kennon Neal, Program Manager, Annual Salary: (.15 FTE) Match: County tax dollars	\$0.00	\$8,577.00
B. Subcontract	Center for Alcohol & Drug Services, Inc. SALARY/FRINGE: Jason Otten, Prevention Specialist, Annual Salary: \$ (.1395 FTE rounded) Match: County tax dollars	\$3,081.00	\$2,325.00
B. Subcontract	Center for Alcohol & Drug Services, Inc. SALARY/FRINGE: Adrianna Rubio, Prevention Specialist, Annual Salary: (.13 FTE) Match: County tax dollars	\$2,275.00	\$1,950.00
B. Subcontract	Center for Alcohol & Drug Services, Inc. SALARY/FRINGE: Janet Rector, Director of Quality (.1145 FTE) Match: County tax dollars	\$0.00	\$8,890.00
B. Subcontract	Center for Alcohol & Drug Services, Inc. SALARY/FRINGE: Stephanie McBride, Office Assistant (.15 FTE rounded) Match: County tax dollars	\$0.00	\$4,280.00
		\$10,000.00	\$30,000.00
		\$10,000.00	\$30,000.00

### ***Indirect or Administrative Costs***

<b>Federally Approved Indirect Cost or Administrative Cost or Not Applicable (N/A)</b>	<b>Rate</b>	<b>Grant Funds</b>	<b>Details</b>	<b>Federally Approved Indirect Cost Rate Agreement</b>
N/A	0%	\$0.00		

### ***Minority Impact Statement***

#### **Question # 1**

1. The proposed grant programs or policies could have a disproportionate or unique POSITIVE IMPACT on minority persons. \*

No

If YES, describe the positive impact expected from this project

Indicate the group(s) positively impacted.

#### **Question # 2**

2. The proposed grant project programs or policies could have a

No

disproportionate or unique **NEGATIVE IMPACT** on minority persons. \*

If **YES**, describe the negative impact expected from this project.

If **YES**, present the rationale for the existence of the proposed program or policy.

If **YES**, provide evidence of consultation with representatives of the minority groups impacted.

Indicate the group(s) negatively impacted.

### Question # 3

3. The proposed grant project programs or policies are **NOT EXPECTED TO HAVE A DISPROPORTIONATE OR UNIQUE IMPACT** on minority persons. \*

Yes

If **YES**, present the rationale for determining no impact.

The evidence based curriculum, Aggression Replacement Training-ART, used for programming with at-risk youth was not found to significantly impact either positively or negatively any minority. No adverse effects, concerns, or unintended consequences were identified by Reconnecting Youth.

### Certification

I hereby certify that the information on this form is complete and accurate, to the best of my knowledge.\*

Yes

Name of Person Submitting Certification. \*

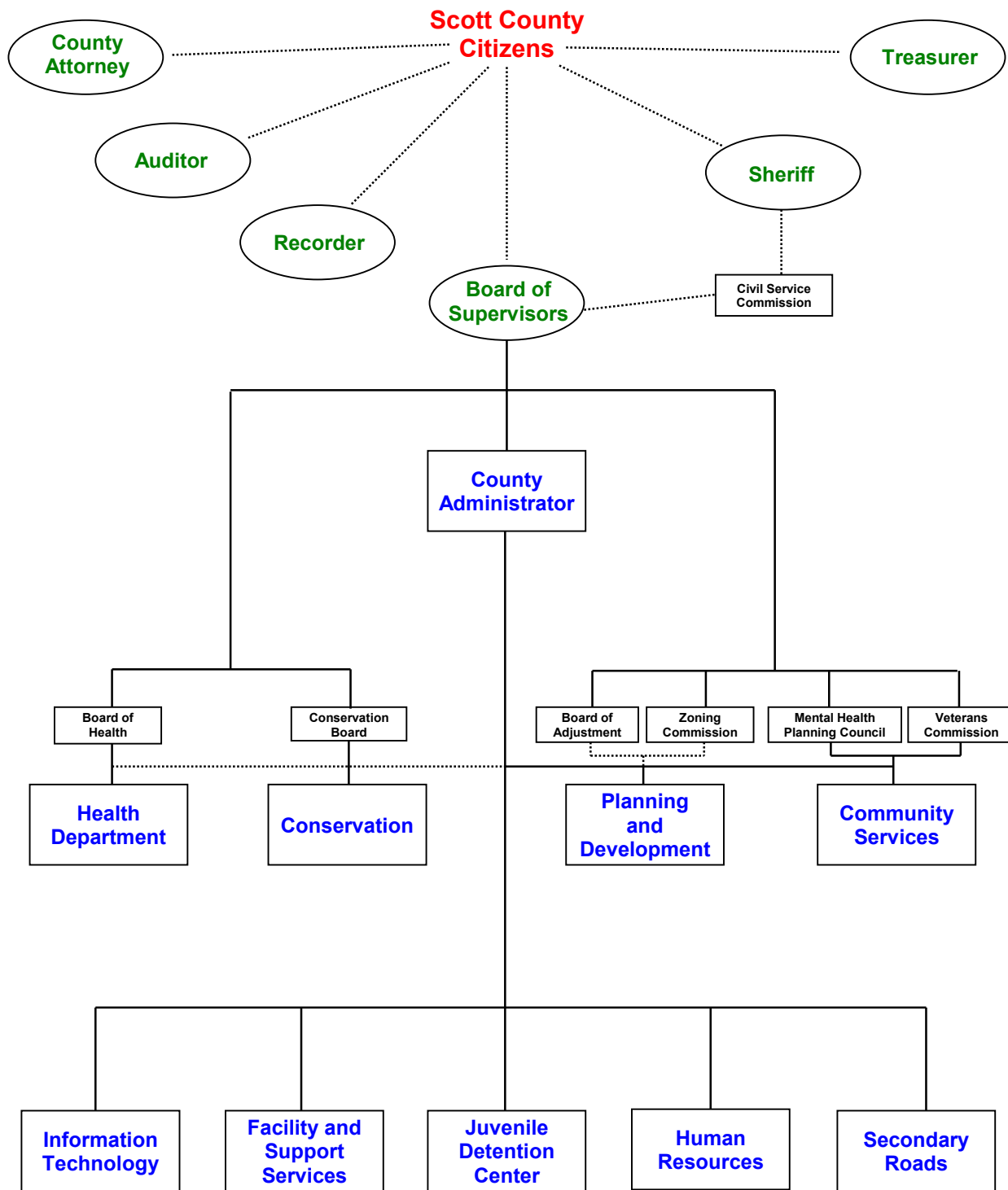
Edward Rivers

Title of Person Submitting Certification\*

Director/Board Authorized Signatory



# Scott County Government Organizational Chart



————— Direct supervision  
 ..... Advisory relationship

THE COUNTY AUDITOR'S SIGNATURE CERTIFIES  
THAT THIS RESOLUTION HAS BEEN FORMALLY  
APPROVED BY THE BOARD OF SUPERVISORS ON  
\_\_\_\_\_  
DATE  
\_\_\_\_\_  
SCOTT COUNTY AUDITOR

R E S O L U T I O N  
SCOTT COUNTY BOARD OF SUPERVISORS

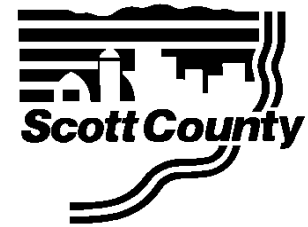
April 6, 2017

APPROVAL OF COUNTY APPLICATION FOR SUBSTANCE ABUSE FUNDING

BE IT RESOLVED BY the Scott County Board of Supervisors as follows:

- Section 1. That the County Application for Substance Abuse Funding for State Reimbursement for the period of July 1, 2017 – June 30, 2018, is hereby approved. The application is to be submitted to the Iowa Department of Public Health requesting \$10,000 in state funds to match local substance abuse prevention funding.
- Section 2. That the Director of the Health Department is designated as the Board of Supervisors' Board Authorized Signatory within the IowaGrants.gov electronic grant management system and is authorized to sign the application and contract award.
- Section 3. That, if accepted, the Board approves receipt of such funding.
- Section 4. This resolution shall take effect immediately.

**Community Services Department**  
600 W. 4<sup>th</sup> St.  
Davenport, Iowa 52801



**(563) 326-8723      Fax (563) 326-8730**

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March 27, 2017

TO: Mahesh Sharma

FROM: Lori A. Elam

RE: Amended 28E Agreement for Eastern Iowa MH/DS Region Chief Executive Officer (CEO) Position

When the Eastern Iowa MH/DS Region began operating on July 1, 2014, it was agreed that the CEO position would rotate with the Chair of the Governing Board. The rationale for this was to share in the CEO duties and costs and not increase the administrative costs. As the Region has matured, the Governing Board and Management Team identified the need for a dedicated CEO position in order to have a consistent voice at the State level and to accomplish several tasks required by the Region.

The Eastern Iowa Governing Board participated in a strategic planning session in August 2016 and the CEO position was an issue with both the Management Team and the Governing Board members. Over several months, the Management Team gathered information about the CEO positions across the state in other regions and presented it to the Governing Board. The Governing Board made the decision to appoint the CEO from a member of the Management Team and make them a “dedicated” CEO, no longer rotating the position with the Chair of the Governing Board.

The 28 Agreement was revised and reviewed by all five County Attorneys. The revised agreement spells out the appointment and supervision by the Governing Board members as well as the selection process and performance evaluation.

The Regional Governing Board was hoping to move forward with the amended agreement at the April 17, 2017 Governing Board meeting after all five counties approved the revisions.

**ADDENDUM TO INTERGOVERNMENTAL (28E) AGREEMENT**

**FOR**

**EASTERN IOWA MENTAL HEALTH-DISABILITY SERVICES REGION**

Pursuant to Section 8.1 of the articles of the 28E Agreement made and entered into the \_\_\_ day of \_\_\_\_\_, 2014 by and between Cedar County, Clinton County, Jackson County, Muscatine County and Scott County; collectively hereinafter referred to as “member counties”; as indicated by the actions of each having adopted this addendum by resolution of their respective governing bodies is hereby modified as follows:

4.5 Powers of the Governing Board. Except as otherwise provided in this Agreement, the Region shall be under the direction and control of the Board of Directors and the Chief Executive Officer. The Governing Board shall serve as the Regional Administrative Entity, as defined in Iowa Code Section 331.388(4). The Governing Board of Directors shall have all of the following powers:

- a) Any powers and authority granted to the Region by Iowa Code Chapter 28E or Iowa Code §331.388 et seq. to do and perform any acts authorized by the Code of Iowa, under, through or by means of its officers, agents and employees, or by contracts with any person or entity;
- b) To appoint and supervise a Chief Executive Officer upon the vote of four Directors of the Governing Board.
- c) To contract with any public or private entity to provide all necessary services;
- d) To authorize the acquisition, holding, disposal of, and leasing such real and personal property it deems necessary to fulfill the purposes of this Agreement;
- e) To receive and allocate funds from each member county as set forth in this Agreement;
- f) To accept, receive and administer grants or other funds or gifts for the purposes of carrying out the functions of this agreement; and to review and approve the expenditures of all funds budgeted;
- g) To approve an annual services and budget plan, including expenditures pursuant to Iowa Code Section 331.392(4)(a) for the following fiscal year beginning the next July 1;
- h) To establish a system of accounting and budgeting, and a system for receiving payments;
- i) To retain legal counsel, accountants and other professional individuals needed in order to fulfill the purposes of this Agreement;
- j) To sue and be sued;
- k) To make and enforce bylaws or rules and regulations for the management and operation of the Region’s business and affairs;

- l) To consult with representatives of Federal, State and local agencies and departments, and their officers and employees, and to contract with such agencies and departments;
- m) Act as oversight and hear any appeals of decisions made by the Regional Management Team;
- n) To establish the times and places for business meetings pursuant to Iowa Code Chapter 21 the agenda shall be posted in the building of the location of the meeting. Other counties may post in the same way they post agendas for their Board meetings for informational purposes. The minutes of the meetings shall be published in the Quad City Times. All meetings will be governed by Roberts Rules of Order, Revised unless otherwise provided; and
- o) To exercise any other power or do any other legal act necessary to discharge its obligations and fulfill the purposes of this Agreement.

The Board may delegate any of these powers to staff of the Region or staff of member counties serving the Region as the Board deems necessary. The Board may adopt such policies, rules, regulations and actions consistent with law or this Agreement.

## **6. STAFF**

### **6.1 Selection Process for Chief Executive Officer**

The Governing Board shall appoint an individual to serve “at will” as the regional mental health and disability services administrator, known as the Chief Executive Officer (CEO). The CEO shall be considered a shared employee of the Region/County, for employment purposes the CEO shall be considered an employee of the county employer of record. The CEO shall be the single point of contact for the region. The CEO may perform duties for the member county as outlined in an agreement between the region and the county employer of record. Compensation will be determined based on a split between Regional Duties and County Duties.

### **6.2 Performance Evaluation of Chief Executive Officer**

The Governing Board shall conduct annual evaluations of the Chief Executive Officer. The Governing Board may conduct additional evaluations of the Chief Executive Officer at any time, as it deems necessary in a given situation. All evaluations shall be summarized in writing. In the event the Chief Executive Officer resigns, retires, or otherwise has his or her employment terminated, the Governing Board shall in consultation with the County Employer of Record and the CEO Shared Duties Agreement appoint an acting CEO which may be a member county disability coordinator.

SIGNATURE PAGE

IN WITNESS WHEREOF, \_\_\_\_\_ COUNTY EXECUTES THIS 28E AGREEMENT, CREATING  
EASTERN IOWA MENTAL HEALTH-DISABILITY SERVICES REGION

EFFECTIVE \_\_\_\_\_:

BY: \_\_\_\_\_  
(print name)  
\_\_\_\_\_ Board of Supervisors, Chairperson

ATTEST: \_\_\_\_\_  
(print name)  
\_\_\_\_\_ County Auditor

ACKNOWLEDGMENT BY NOTARY

STATE OF IOWA                    )  
  )ss.  
\_\_\_\_\_ COUNTY                )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2014, before me the undersigned, a Notary Public in and for said County and State, personally appeared \_\_\_\_\_ and \_\_\_\_\_, to me personally known, who, being duly sworn, did say that they are the Chairperson of the Board of Supervisors and County Auditor of \_\_\_\_\_ County, Iowa respectively; that the seal affixed hereto is the seal of said County; that said instrument was signed and sealed on behalf of the said \_\_\_\_\_ County, Iowa, by authority of its Board of Supervisors and that said \_\_\_\_\_ and \_\_\_\_\_ as such officers, acknowledge the execution of said instrument to be the voluntary act and deed of said County, it and by them voluntarily executed.

\_\_\_\_\_

Notary Public In and For Said County  
And State of Iowa

THE COUNTY AUDITOR'S SIGNATURE CERTIFIES  
THAT THIS RESOLUTION HAS BEEN FORMALLY  
APPROVED BY THE BOARD OF SUPERVISORS ON  
\_\_\_\_\_  
DATE

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SCOTT COUNTY AUDITOR

R E S O L U T I O N

SCOTT COUNTY BOARD OF SUPERVISORS

APRIL 6, 2017

APPROVING THE AMENDED 28E AGREEMENT REGARDING EASTERN IOWA  
MENTAL HEALTH/DISABILITY SERVICES REGION CEO POSITION CHANGES

BE IT RESOLVED BY the Scott County Board of Supervisors as follows:

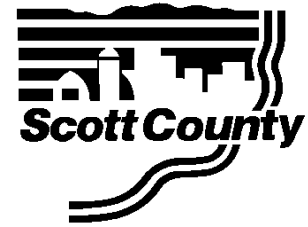
Section 1. That the 28E agreement between Scott County, Cedar County, Clinton County, Jackson County, and Muscatine County to form the Eastern Iowa Mental Health – Disability Services Region pursuant to Iowa Code Chapter 28E and Iowa Code Section 331.388 et seq., is hereby amended and approved to appoint and supervise a Chief Executive Officer (CEO),

Section 2. That the CEO be considered a shared employee of the county/region, be considered an employee of the county of record, and be the single point of contact for the region,

Section 3. That the CEO be evaluated annually by the Regional Governing Board.

Section 4. This resolution shall take effect immediately.

**Community Services Department**  
600 W. 4<sup>th</sup> St.  
Davenport, Iowa 52801



**(563) 326-8723      Fax (563) 326-8730**

---

March 27, 2017

To:      Mahesh Sharma  
  
From:    Lori A. Elam  
  
Re:      Approval of Tax Suspension Request

The County has received a tax suspension request to have property taxes currently owed suspended as follows:

**REQUESTED TAX SUSPENSION:**

Geraldine Hart  
630 6<sup>th</sup> St.  
Bettendorf, IA 52722

Suspend: The second half of the 2015 property taxes due March 2017 in the amount of \$958.00.

The application meets the Board Suspension Policy requirements. It is recommended that the Board suspend these taxes at their next Board meeting.



THE COUNTY AUDITOR'S SIGNATURE CERTIFIES THAT THIS  
RESOLUTION HAS BEEN FORMALLY APPROVED BY THE BOARD  
OF SUPERVISORS ON \_\_\_\_\_  
DATE

---

SCOTT COUNTY AUDITOR

**RESOLUTION**  
**SCOTT COUNTY BOARD OF SUPERVISORS**  
**APRIL 6, 2017**

**SUSPENDING THE SECOND HALF OF THE 2015 PROPERTY TAXES DUE MARCH 2017 FOR  
GERALDINE HART, 630 6<sup>TH</sup> St., BETTENDORF, IOWA IN THE AMOUNT OF \$958.00.**

**BE IT RESOLVED by the Scott County Board of Supervisors as follows:**

- Section 1. The second half of the 2015 property taxes due March 2017 for Geraldine Hart, 630 6<sup>th</sup> St., Bettendorf, Iowa in the amount of \$958.00 are hereby suspended.
- Section 2. The County Treasurer is hereby requested to suspend the collection of the above stated taxes thereby establishing a lien on said property as required by law with future collection to include statutory interest, if any.
- Section 3. This resolution shall take effect immediately.



**ROXANNA MORITZ, C.E.R.A.**  
**AUDITOR & COMMISSIONER OF ELECTIONS**  
600 W. 4<sup>TH</sup> Street  
Davenport, Iowa 52801  
Ph: (563) 326-8631 Fax: (563) 326-8601  
Cell: (563) 370-3915  
[www.scottcountyiowa.com](http://www.scottcountyiowa.com)

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To: Scott County Board of Supervisors  
From: Roxanna Moritz, Scott County Auditor  
Re: Recommendation for Purchase of Election Equipment  
Date: March 27, 2017

As noted in our capital improvement discussion with the Board of Supervisors we have completed our review of the three election equipment options available as certified by the Iowa Board of Examiners for Voting Equipment. I am pleased to recommend that the Board approve the system offered by Election Systems and Software (ES&S) in the amount of \$682,544.91. At our request, this price quote includes 80 backup flash drives not originally offered by ES&S. Backup flash drives give Scott County extra security to ensure timely reporting of election returns and flexibility in planning for election contingencies.

My staff and I have prepared a fairly comprehensive report for the Board regarding election equipment and our review process. As detailed in the report my office set up a review panel, this panel heard presentations and demonstrations from the three Iowa certified vendors of equipment and made commentary on the systems. My staff and I conduct onsite inspections and interviews of election officials in three other Iowa counties, each of which uses one of the three approved options. We then made a staff analysis of these systems, including a ten year and fifteen year cost analysis. Based on the results of this decision making we believe that the best choice for Scott County is the system offered by ES&S.

A representative of ES&S will be available at the Board's Committee of the Whole meeting on April 4, 2017 to answer questions Board members have, and we expect that she will make the equipment available at that time for demonstration and examination. I plan to attend that meeting as will Elections Supervisor Richard Bauer. If you have questions or other concerns you wish to discuss before the meeting please feel free to contact me.

Copy to: County Administrator Mahesh Sharma

# Election System Update

Recommendations to the Scott County Board of Supervisors

**ROXANNA MORITZ - SCOTT COUNTY AUDITOR**

April 4, 2017

# Election System Update

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## Recommendations to the Scott County Board of Supervisors

The Auditor's Office recommends that Scott County accept the proposal for new election equipment from Election Systems and Software (ES&S) for a total expenditure of \$682,544.91. Scott County would purchase 68 Model DS200 Precinct Scanners with accompanying tote bins and back up flash drives for counting ballots cast in precincts; two Model DS850 High Speed Digital Image Scanners for central counting of absentee ballots; and 68 ExpressVote ballot marking devices with carrying cases. Included in this quote would be reporting software, installation, training, one year hardware and software warranty, and shipping and handling. Purchase of a standalone computer for compiling election results is not included in this proposal but will be made in a separate action.

## INTRODUCTION

One of county government's most important functions is the conduct of elections. In Iowa the office of county auditor is charged with conducting all elections. These elections include massive turnout, county-wide elections, such as presidential general elections to elections for a small town of fewer than 100 voters. The processes for conducting all elections are essentially the same; it's the scale which makes them seem different.

Prior to the 2000 presidential election there was very little scrutiny of election processes. However, the recount that year of the vote for president in four counties in Florida demonstrated that there were significant, legitimate concerns with voting systems. Since then there has been intense scrutiny of elections and significant voter questions about the integrity of voting systems.

These concerns led to the passage of the Help America Vote Act (HAVA) in 2002 which caused a substantial change in how elections are conducted. For federal elections HAVA required states to update to officially certified voting systems, to develop and implement security policies for those systems, to provide a centralized and standardized voter registration system and to provide various forms of assistance to people with disabilities so that they could vote in their precinct polling places. Most states, including Iowa, apply HAVA requirements to their local elections. HAVA also provided federal funds to help pay for these changes. The deadline for compliance was January 1, 2006.

The push to upgrade to certified elections systems caught Scott County by surprise. The system in use at that time was only six years old but was not certified. The system was withdrawn from the Iowa market as it could not pass certification requirements. After a period of unsuccessful resistance the county leased certified equipment to comply with HAVA, and eventually bought the system in use now. Please refer to the 2009 Auditor's report "Status of Voting Systems" for a more detailed report regarding this history.

## Election Systems

Prior to the enactment of HAVA there were four basic election systems in use in the United States. Some localities also used voter assistance technology to help disabled voters to cast ballots in their local polling places. Below are the basic systems.

**Paper ballots** - A significant number of jurisdictions continue to manually count paper ballots. While not a type of "voting equipment," beyond the pen or pencil used to mark the ballot, many of the issues of ballot design and voter intent that effect all voting systems are relevant to hand counted paper ballots as well. Early ballots were not standardized but instead were provided by the voter (sometimes hand written), the candidates or the political parties. A standardized, government produced version known as the Australian Secret Ballot came into use in the United States starting in 1888. Many rural jurisdictions did not adopt the Australian Secret Ballot until well into the 20th Century. Approximately 4% of voters cast hand counted ballots in the 2012 Presidential election. The picture below is a glass ballot box used to prevent ballot stuffing.



**Mechanical Gear & Lever Voting Machines** - Mechanical gear and lever machines were first introduced in 1892 and used in every major city by 1930. This system prevented over votes, sped up the vote counting process, and significantly reduced the chance of dishonest vote counting because the votes are counted by machine. However, gears wear out over time and the system was shown to cause significant under votes. As recently as

1996, mechanical lever machines were used by 20.7% of registered voters in the United States. The most common version was the Myers Automatic Booth pictured below.



**Punch Card Voting Systems** - Punch card systems employ a pre-scored card marked with numbers which correspond to candidates and ballot issues listed in a separate booklet or overlay and a small clipboard-sized device for holding the ballot for punching votes. Voters punch holes in the cards opposite their choice of candidate or ballot issue using a supplied punch device. After voting the voter places the ballot into a computer vote-tabulating device. The most popular punch card system, the Votomatic shown below, became infamous in the recount of the 2000 Florida presidential election for the butterfly ballots, hanging chads, and dimpled or pregnant chads.



**Direct Recording Electronic (DRE) Systems** - DRE systems use one of three basic interfaces to record votes directly into computer memory (pushbutton, touchscreen or dial). The voter's choices are stored via a memory cartridge, diskette or smart card and added to the choices of all other voters. The first generation of DREs used a push-button interface, while later systems use a touchscreen or dial interface. These later versions also come with audio and other accessibility features for people with disabilities. Some DREs produce printed verifications while others do not. First patented 1974, few jurisdictions used DREs until 2006. That year 36% of the counties (with 38.4% of registered voters) used DREs due to Help America Vote Act requirements to provide an assistance system for people with disabilities. DREs came under intense scrutiny as implementation problems emerged and computer experts demonstrated that DREs are susceptible to hacking. In 2004 the Secretary of State for California decertified all DRE systems in his state. In 2006 the

Governor of Maryland publicly urged people to vote by absentee ballot instead of using the DRE machines in the General Election after problems with the machines emerged during Maryland's primary election earlier that year. A sample DRE machine is shown below.



**Optical Scan Systems** - Optical scan systems combine a paper ballot with the DREs recording and tabulation of votes into computer memory. Voters mark paper ballots by filling in an oval or box, or completing an arrow. These paper ballots are subsequently tabulated either on a precinct-based optical scan system in the polling place (precinct count) or collected in a ballot box to be scanned at a central location (central count). The first optical scan system came into use in 1962, but few jurisdiction used the new technology until the Federal Election Commission established voting system performance and test standards in 1990. Because optical scan systems use a computer interface they are susceptible to similar hacking concerns as the DRE systems. However, optical scan systems offer the ability to manually recount ballots. DRE systems do not have this feature. Below are two optical scan machines: left is a precinct count and right is a central count.



**Voter Assistance Systems** - These systems can be either DREs or ballot marking devices. Ballot marking devices provide an interface to assist voters with disabilities in marking a

paper ballot, which is then scanned or counted manually. Most ballot marking devices provide a touchscreen interface together with audio and other accessibility features similar to those provided with DREs, but rather than recording the vote directly into computer memory, the voter's selections are indicated through marking a paper ballot, which is then scanned or counted manually. Below is the Auto-MARK, the ballot marking device now used in Scott County.



### The Current System

Scott County currently uses the following election equipment systems.

**Accu-Vote OS** The primary voting system is the Accu-Vote OS. This is the machine into which voters place their marked ballots. It interprets votes on the ballot using "dark mark logic," whereby the computer selects the darkest mark within a given area of the ballot as the correct vote. The Accu-Vote OS is a precinct count system which immediately tabulates votes at the polling place. The tabulation is recorded electronically and stored in a memory card. At the close of the election precinct election officials cause the Accu-Vote OS to print out a total vote count. The memory cards and the print outs are returned to the Auditor's Office for final tabulation. Additionally, up to seven Accu-Vote OS units are used to count absentee ballots. Scott County has 80 Accu-Vote OS machines.

**AutoMark** The County's accessibility voting system is the AutoMark, an electronic ballot marking device to aid voters with disabilities in marking standard paper ballots. We use these machines to comply with HAVA and applicable Iowa law. The AutoMark is equipped with an audio interface by which the computer "reads" a paper ballot and prepares an audio "interpretation" of the ballot for the visually impaired. It uses a touch screen for voting. It can magnify the image of the ballot or reverse image of the ballot (change black lettering to white and white background to black). Once voting preferences are made the machine will mark the ballot using an ink jet printer. These ballots are then tabulated using the Accu-



Vote OS machine. Any voter is entitled to use these machines, not just those with disabilities. Scott County has 64 AutoMark machines.

**Global Election Management System (GEMS)** The system used to compile the votes from the individual precincts is the Global Election Management System (GEMS). The hardware component is a note book computer, dedicated to run only the GEMS software. It is never connected to the internet or the county computer network. The processing component is proprietary software licensed to Scott County. At the conclusion of an election, memory cards from each individual Accu-Vote OS machine are placed into a special reader connected to the GEMS laptop. The memory from each card is downloaded into the GEMS system and the software compiles the precinct totals to produce the countywide voting results. These results are downloaded into a flash drive. The flash drive is then connected to the county network for posting on our website and the website for the Iowa Secretary of State.

### **The Reason for Updating This System**

The Accu-Vote OS was state of the art technology in 1983 when it was initially developed. The first model was sold in 1989. Now, 28 years later, the system is outdated and obsolete. It is no longer under manufacture, although spare parts are still available. Since 2010, 80 of Iowa's 99 counties have purchased new equipment because the old equipment is wearing out and unreliable. Most of these counties were using the Accu-Vote OS. At least five other counties are actively planning to buy new equipment this year.

The county purchased its system in 2006 and experienced reliability issues from the start. Because Scott County was the last county to purchase HAVA compliant equipment we received the oldest models. There were persistent minor mechanical problems with this equipment. Continually, we experience a lot of problems calibrating the system to accept 14 inch ballots used in governor year general elections. We had significant memory card issues which the county spent \$44,000 to remedy.

The earlier minor mechanical problems are now serious mechanical problems. Printers are breaking. Machine rollers are failing. Control buttons are wearing out. During the 2016 general election we replaced four Accu-Vote OS field units and three Auto-MARKs with spares because the field units failed to work. We currently have more than 30 junked (unrepairable) Accu-Vote OS units and three junked Auto-MARKS in storage at our warehouse facility.

## The Possible Options

The Iowa Board of Examiners for Voting Systems has approved three new election systems from which counties can choose. (See Appendix I) These include systems from Election Systems and Software (ES&S), Dominion Voting Systems, Inc. (dba Election Source), and Unisyn. Only optical scan systems are approved for use in Iowa as these systems each produce a voter verified ballot. No DRE system has been approved in Iowa as no DRE system produces a voter verified ballot. The new voter assistance terminals approved for use in Iowa each produce their own ballots. The older system used a ballot marking device which marked a standard ballot. ES&S and Unisyn use a thermal paper printer to mark specially sized blank paper with ballot choices. This does create the possibility of discovering a voter's choice if only one ballot is cast with the VAT. The Dominion VAT prints a regular sized ballot (printer not included) and uses a variety of marks to disguise ballot choices. It is tethered to the scanner with a relatively short cable.

The central count scanner for ES&S is a proprietary product designed and built by ES&S. The other vendors use over the counter scanners.

Each proposed system would include 68 precinct count ballot scanners, 68 voter assistance terminals, two central count scanners, compiling and reporting programs to aggregate election results from the various precincts and create a final report for printing and web site display, on-site testing and verification of equipment, training of election officials and poll workers and one year warranty. We requested ES&S as the recommended vendor to include costs for backup flash drives for the precinct scanners. Vendor descriptions of their systems are contained in Appendix II.

## BASIS FOR RECOMMENATION

My office established a three tiered decision making process to help make the recommendation to the Board. First was to set up a panel to review and rank the options. Second was to conduct on-site visits and get reviews from other Iowa auditors regarding their experiences. Third was to have auditor staff review the options and then reach a conclusion as to which equipment would best meet the needs of Scott County voters, taxpayers and precinct election officials.

### Review Panel

In August 2016 the Scott County Auditor's Office put together a panel to review these equipment options. The panel included Diane Holst, Scott County Supervisor, Matt Hirst, Scott County Director of Information Technology, Douglas Jones, Computer Science

Professor at the University of Iowa (and a nationally recognized expert on election systems), Rik Shannon, Public Policy Manager for the Iowa Developmental Disabilities Council and Michael Angelos, community member and noted critic of electronic election systems. The panel met on August 10, 2016 and received presentations from the three vendors. Panel members asked questions and were able to personally examine the equipment. The election staff for the Auditor's Office also participated in this meeting.

The panel next met on August 23, 2016 to discuss the strengths and weaknesses of each system. Most panel members thought that ES&S had a superior product compared to the other vendors. Matt Hirst, Douglas Jones and Diane Holst found the following:

The central count scanner was the fastest of the three models and would sort ballots which the other products did not.

The precinct scanner was easier to set up and more precinct official friendly.

The ballot marking device was easier to use and much more technically advanced with QR code scan capability. This would allow voters to mark a sample ballot at home, scan the sample ballot at the polling place and automatically mark an official ballot for voting.

The precinct equipment was more rugged than the other products.

The precinct equipment had battery backup which one of the competitors did not. (See Appendix III)

Rik Shannon concurred in those observations and favored the ES&S ballot marking device to the other models because it was the most like an AutoMark which many people with disabilities prefer. (See Appendix III)

Michael Angelos preferred the option of hand counting ballots rather than using electronic scanners. If scanners are purchased he recommended that an impartial technical consultant analyze the system for errors and security risks. He expressed no opinion on which of the available options were preferable. (See Appendix III)

### **On-Site Visits**

Election staff visited auditor's offices in three different Iowa counties to gain insight about each system from actual users. Election staff in each county was satisfied with their new systems, especially compared to the old systems. Each system had drawbacks, some of which were more significant than others.

Clinton County – Clinton County purchased the system offered by ES&S in 2014. The main selling point was the DS850, the central count scanner. The sorter function prevents unnecessary and frustrating delays in counting ballots. Another selling point was the voter assistance terminal (VAT). It was easier to use than other VATs. Opening and closing an election with the MS200 precinct count scanner was easier for poll workers compared to the other systems. Clinton County used the VAT as the only method of voting in two small school board special elections which reduced the cost of printing ballots. (Clinton County also utilizes ballot on demand to print ballots for small turnout elections. Scott County has not adopted this method). The only complaint was that the on/off switch for the VAT was under a sealed door, requiring poll workers to cut the seal for access to the switch and then resealing the door before opening the polls.

Dubuque County – Dubuque County purchased the system offered by Unisyn in 2014. The main selling point was the central count scanner which was a big improvement over the previous system. However, this scanner (an over the counter commercial scanner) does not sort ballots with write-ins, over votes or issues regarding reading the ballot. In the 2016 general election there were many over voted ballots which led to constantly stopping the scan to find these ballots, slowing the vote count and frustrating election officials. In the 2016 general election three precinct count scanners failed to work on election day for no apparent reason. Many voters using the VAT request help from poll workers to print out a ballot. Also poll workers find the VAT difficult to close down due to a “hidden button” on the view screen and issues with typing in correct passwords for shutdown.

Cedar County – Cedar County purchased the system offered by Dominion in 2014. The voter assistance terminal was difficult and intimidating for poll workers. Consequently, election staff need to visit each polling site to ensure the VAT is working correctly. No voter has ever used it. The over the counter central count scanner had the same problem with write-ins and over voted ballots as the scanner in Dubuque County. However, staff did not rate this as a major problem due to relatively few absentee ballots cast in Cedar County.

### **Election Staff Review**

The Scott County election staff prefers the ES&S system. This preference is based on the vendors’ presentations, advisory committee observations and the on-site visits and interviews of election staffs in other counties.

The ES&S central count scanner’s ability to sort ballots and thereby avoid delays in counting and processing absentee ballots was a clear advantage. In major elections in Scott

County more than 40,000 absentee ballots will be cast by voters (upwards of 45 percent of the vote) and there will be several hundred absentee ballots with over votes or other issues requiring precinct officials to examine these ballots. Constantly stopping the process to find these ballots will greatly slow the counting process and lead to great frustration for absentee and special voter precinct officials. Also, the sorting function can be programmed to sort out ballots for a given race if there were a recount in that race. This would avoid the time consuming task of sorting absentee ballots by precinct before beginning a recount.

The easier to use ES&S VAT was another clear advantage. Unlike the Dominion system the ES&S VAT is not tethered to the ballot scanner allowing for more flexible positioning in a given voting location. The thermal paper printer is built into the ES&S system unlike the Dominion VAT which requires a separate laser printer. The QR Code reader for sample ballots is an advantage over the Unisyn system. In the future it can be used with a smart phone which will appeal to younger voters who organize and conduct many life activities using smart phones. (The EAC has approved this feature and Iowa approval is pending.)

One final plus is that thermal paper ballots can potentially reduce ballot printing costs. It can save ballot printing in smaller, low turnout elections with voters using blank thermal ballots instead of preprint paper ballots. Similarly, it can save these costs if used at early voting locations replacing the preprinted ballots with thermal ballots.

The one big drawback of the ES&S and Unisyn VAT is that the thermal paper ballot is easily distinguishable from regular preprinted ballots. This issue can be offset by aggressively promoting use of the VAT by voters.

The ES&S precinct count scanner is easier to set up and close down for poll workers than its two competitors. The one disadvantage is the location of the on/off switch behind a sealed door. The battery backup was an advantage over the Unisyn system.

### **Cost Comparisons**

The individual price quotes from the three vendors can be found in Appendix IV. The table below is a comparison of these quotes based on a ten year life cycle and a fifteen year life cycle. These life cycles are based on an industry standard estimate for electronic equipment similar to electronic election systems. The ES&S quote is from the original quote which did not include the additional back-up flash drives. The Dominion quote includes \$542,810 for precinct equipment and \$58,300 for central count equipment.

**TABLE 1 COST COMPARISONS**

	Dominion	ES&S *	Unisyn
Purchase Price	\$601,110	\$674,706	\$615,691
Annual Costs	69,734	38,440	50,242
10 Year Lifecycle Cost	627,606	345,960	452,178
Total 10 Year Costs	1,228,716	1,020,666	1,066,869
15 Year Lifecycle Cost	976,276	538,160	703,388
Total 15 Year Costs	1,577,386	1,212,866	1,319,079
		* Annual costs include a two year maintenance cycle	

The annual costs include software licensing and equipment maintenance. The first year of cost is included in the purchase price. Therefore, 10 Year Lifecycle Cost equals annual costs multiplied by nine years, and 15Year Lifecycle Cost equal annual costs multiplied by fourteen years. Total 10 Year Costs and Total 15 Year Costs equals Purchase Price plus the corresponding lifecycle costs. ES&S offers a one year and a two year maintenance option, and the table is based on the two year option. Election staff believes that maintenance prior to the biennial general election is sufficient to preserve the equipment in good order given the ruggedness of the ES&S system.

A comparison of the different systems based on price alone indicates that ES&S has the lowest lifecycle cost, followed by Unisyn and then Dominion. Of course these systems are not identical and details of function are different. Additionally, because of how they are configured, Dominion and Unisyn systems require additional printers which are not included in these costs. Dominion in particular is very printer heavy.

**Conclusion**

ES&S is the clear choice based on functionality. This system works much better than the other two options. It is more rugged than the other two systems. It is easier to configure to the various polling locations in Scott County. Poll workers, both at the precinct level and at the central count of absentee ballots (accounting for an average of 45 percent of the vote in general elections) will have fewer problems using this system. It

comes with a battery backup which the Unisyn system does not have. Regular voting can continue with the ES&S system in the event that power is lost in a polling place.

ES&S is also the clear choice in terms of lifecycle costs. The costs of the various systems may be based on pricing strategy or estimates of actual costs and revenue to each firm. If that is the case then ES&S puts more emphasis on producing a product which will last longer and consequently cost more, while the other firms may be producing a product that is not as high quality and consequently costs less. This pricing strategy collects more revenue over time based on licensing and maintenance fees.

Based on these considerations my staff and I strongly recommend that Scott County purchases the election system from ES&S.

# Appendix I

## Iowa Approved Voting Systems

**ELECTION SYSTEMS UPDATE**

April 4, 2017



# State of Iowa

## Approved Voting Systems

### General Information About Voting Equipment Certification in Iowa:

Only voting systems on this list can be used for elections in Iowa. This equipment has been examined and approved for use by the Iowa Board of Examiners for Voting Systems. The voting systems listed in this document have been approved for use and are (as far as we know) currently available. The year indicated after the name of a voting system indicates the date of the most recent approval.

The Board of Examiners must also approve changes to these voting systems for use.

Only voting systems that have been tested against the 2002 Federal Voting Systems Standards or the 2005 Voluntary Voting System Guidelines and meet those standards may be submitted to the Board of Examiners for certification. After January 1, 2006, all voting equipment used in federal elections must meet the requirements of the Help America Vote Act.

A list is available of voting systems approved for use in Iowa before 2005, which are no longer in use. Please contact the Election Director to receive a copy.

Certification is limited to the specific software versions that have been approved. If a system was approved in 2006 only the version approved that year can be used. If the system was upgraded after certification, the new version cannot be used unless it has been certified. The Board of Examiners certifies voting equipment, not vendors.

**Report Problems:** If you have problems with your voting equipment at any election, please report the problem in writing to the Director of Elections in the Secretary of State's office. The Board of Examiners will be notified of the problem, and if necessary, the Board will contact the vendor.

Dawn Williams  
Director of Elections  
Office of the Secretary of State  
321 E. 12<sup>th</sup> Street  
Des Moines, IA 50319  
(515) 281-0145  
sarah.reisetter@sos.state.ia.us

**State of Iowa**  
**Approved Voting Systems**

<b>Company Name and Address</b>	<b>Voting System</b> (Only the versions listed are approved.)
<p><b>Premier Election Solutions</b>            1253 Allen Station Parkway            Allen, TX 75002</p> <p>(800) 433-8683  <a href="mailto:info@premierelections.com">info@premierelections.com</a></p>	<p><b>Assure 1.2</b> approved 9/8/2010 includes:            GEMS (Global Election Management System) software version 1.21.5            AccuVote OSX model A with version 1.2.6            AutoMARK VAT model A300 with version 1.3.3460            AIMS software version 1.3.572            Key Card Tool with version 4.7.8</p> <p><b>Assure 1.2</b> approved 6/27/2008 includes:            GEMS (Global Election Management System) software version 1.20.2 and updated software version 1.18.24            AccuVote OS model D with version 1.96.10            AccuVote OSX model A with version 1.0.3            AutoMARK VAT model A300 with version 1.3.2925            AIMS software version 1.3.552            Key Card Tool with version 4.7.1</p> <p><b>N-1-06-22-22-004</b> approved 6/22/2007:            Includes Express Poll 5000, other system elements remain unchanged and certified.</p> <p><b>N-1-06-22-22-003</b> approved 8/4/2006: Changes to obsolete TSX hardware components approved, other system elements remain unchanged and certified.</p> <p><b>N-1-06-22-22-002</b> approved 3/15/2006: Upgrade AccuVote TSX-DREs to version 4.6.4, other system elements remain unchanged.</p> <p><b>N-1-06-22-22-001</b> approved 9/7/2005:            AccuVote-TSX DRE Touch Screen, ver 4.6.3            AccuVote-TSX DRE Touch Screen with                AccuView Printer Module version 4.6.3            AccuVote-OS Optical Scan (model D) with firmware version 1.96.6            GEMS (Global Election Management System) Software version 1.18.24</p>

**State of Iowa**  
**Approved Voting Systems**

**Election Systems and Software**

11208 John Galt Blvd.  
Omaha, Nebraska 68137  
(800) 247-8683

[info@essvote.com](mailto:info@essvote.com)

**EVS 5.2.0.2, approved 05-28-2015**

Software

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

Hardware

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

COTS Software

Microsoft Windows 7 SP1  
Microsoft Server 2008 R2 SP1  
Symantec Endpoint Protection v. 12.1.4

**Unity 3.4.1.1, approved 12-24-2014**

Software

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

Hardware

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

COTS Software

Cerberus FTP Server v. 6.0.6.0  
IPSwitch WS\_FTP 12 v. 12.4  
Microsoft Windows 7 SP1  
Microsoft Server 2008 R2

**State of Iowa**  
**Approved Voting Systems**

	<p><b>Unity 3.4.0.1, approved 1/18/2013:</b> <u>Software:</u> 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 <u>Hardware:</u> Model 100 5.4.4.5, hw version 1.3 Model 650 v. 2.2.2.0, hw version 1.1 &amp; 1.2 AutoMARK v. 1.3.2907, hw vrsns 1.0, 1.1 &amp; 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 &amp; 1.3 Steel Ballot Box, hw version 1.0, 1.1 &amp; 1.2 <u>COTS Software:</u> Cerberus FTP Server v. 4.0.9 IPSwitch WS_FTP 12 v. 12.3 <b>N-2-02-22-22-007, approved 12/13/2006:</b> <u>Software:</u> Audit Manager, v. 7.3.0.0 Election Data Manager, v. 7.4.4.0 ES&amp;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 <u>Hardware:</u> 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 <b>N-1-02-22-22-003--approved 4/18/2005:</b> <b>Unity 2.5</b>, including the following tabulation devices: iVotronic version 9.0.0.0 (DRE), M100 version 5.1.0.0 (precinct count OS), M 650 version 2.0.1.0 (central count OS) <b>N-1-16-22-22-001—approved 1/30/2006</b> AutoMARK Voter Assist Terminal, v. 1.0 (Model A100); and AutoMARK Information Management System, v. 1.1.10</p>
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**State of Iowa**  
**Approved Voting Systems**

**Unisyn Voting Solutions**

2310 Cousteau Court  
San Diego, CA 92081  
1-760-734-3233

[mktg@unisynvoting.com](mailto:mktg@unisynvoting.com)

**Open Elect 1.3m, approved 05-28-2015**

Software

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

Hardware

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

**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

**OpenElect 1.1.IA.1, approved 6/29/2012:**

Software: Ballot Layout Manager v. 1.1

Election Manager v. 1.1  
Software Server v. 1.1  
Election Server v. 1.1  
Tabulator Client v. 1.1  
Tabulator v. 1.1

Hardware: OpenElect OVO v. 1.1.IA.1  
OpenElect OVI v. 1.1

**State of Iowa**  
**Approved Voting Systems**

**Dominion Voting Systems, Inc.**  
1201 18<sup>th</sup> St., Suite 210  
Denver Colorado, 80202

**Democracy Suite 4.6; approved 02-13-2013**  
Software

Democracy Suite EMS v. 4.6.07

Hardware

ImageCast Precinct v. 4.6.4, hw v. 320A

ImageCast Evolution v. 4.6.2.3, hw v 400A

ImageCast Central v. 4.6.3, demonstrated with  
hardware version Canon DR-X10C

**Democracy Suite 4.14\_B. approved 04-23-2014**

Election Management System v. 4.14\_B w/ MS Win 7

ImageCast Precinct Optical Scan hw v. 310A/C

ImageCast Evolution Optical Scan hw v. 410A

ImageCast Central Optical Scan Hardware Canon  
DR-X10C,

COTS scanners Canon DR-7550C and Canon DR-  
G1130





# Appendix II

## Vendors and Options

**ELECTION SYSTEMS UPDATE**

April 4, 2017





# DS200<sup>®</sup>

## The Next Generation Precinct Tabulator & Scanner

### The Next Generation

ES&S' experience combined with customer feedback and industry's best practices take traditional optical scanning to a new level. The DS200<sup>®</sup> is an intelligent, advanced, integrated solution. It features the latest digital image technology available on the market.

### Top 5 Reasons DS200<sup>®</sup> is the Best

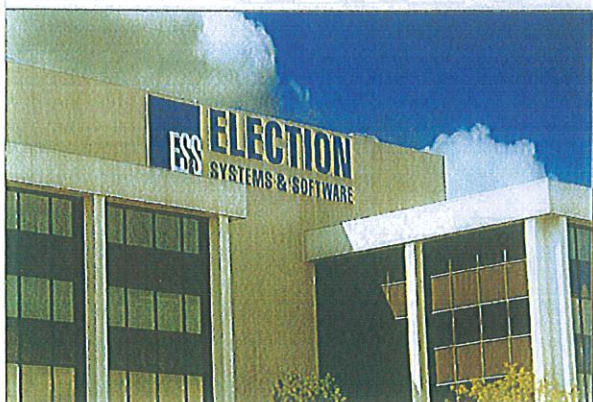
**Wireless:** Accumulates and transmits votes directly from the polling place via wireless connection

**Flexible:** Processes a variety of ballot sizes and designs, from 11" to 19", including the Expressvote Ballot Activation Card

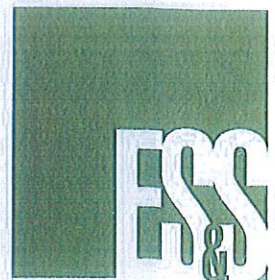
**Convenient:** Lightweight, compact, and easy to set up and use in the polling place

**Progressive:** Includes extra USB ports and expandable memory to accommodate future EAC standards

**Smart:** Uses Intelligent Mark Recognition technology to remove the guesswork of determining what dictates a mark for a candidate



experience.  
reliability.  
security.  
innovation.





# Benefits and Features

## 2005 VVSG Compliant

Fully compliant usability, accessibility, and security enhancements with the 2005 Voluntary Voting Systems Guidelines

## Accessible

Independence and privacy is guaranteed for people with special needs by accepting ballot from the AutoMARK®, our ballot-marking device

## Large Communication Screen

12-inch LCD touch screen improves voter communication and supports multiple languages

## Integrated Thermal Printer

Thermal paper eliminates the worry of running out of ink on Election Day

## Power Management

Internal battery pack provides reliable and sustained power management, even in the event of a power outage



## Interactive Touch Screen:

Opening and closing polls is easier with the DS200®. The large touch screen improves the user experience. Election staff and poll workers agree that setup, diagnostic functions and online help are easy with the DS200®.

Voters benefit from real-time prompts flagging over-voted, under-voted, and blank ballots.

Improve the election experience with ES&S' DS200®.





# Wireless Modem Technology

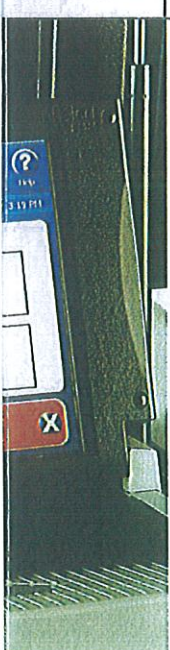
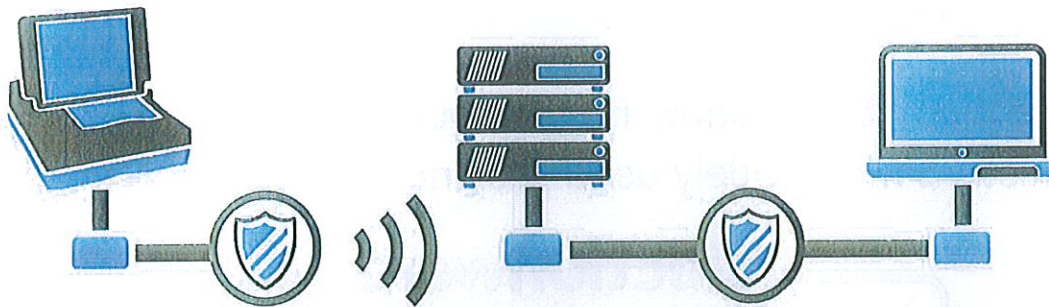
## Benefits

- Reduces wait time for election night results
- Sent over a secure channel (encrypted with SSH)
- Fast data rates
- Multiple wireless providers results in flexibility, using the provider that services you jurisdiction best



## Security

- Tabulators continually write Election Results to a USB stick for a dependable primary backup
- All data sent via Secure File Transfer Protocol Server
- DS200° only sends communications out...nothing can be received from an outside source
- Armed with advanced Intrusion Detection System





# DS200 Achievements & Successes

## Certification of Unity 3.4.0.0

ES&S is proud to introduce our pairing of the DS200<sup>®</sup> with the world's fastest, most precise digital central scanner -- DS850<sup>®</sup>. The suite enhances the DS200<sup>®</sup> and the AutoMARK<sup>®</sup> for voters with special needs.

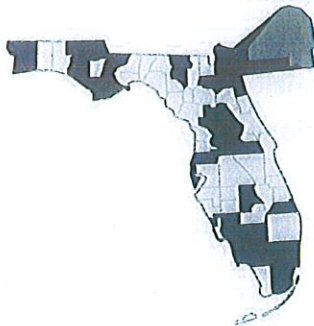
This latest suite of software has set a new standard of usability for voters and election officials.



## Newest Members of the ES&S Family



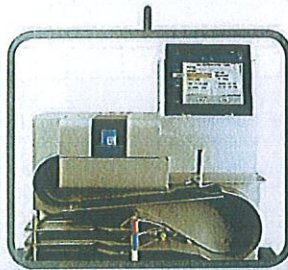
State of Maine  
DS200<sup>®</sup> and AutoMARK<sup>®</sup>



Duval County, FL  
DS850<sup>®</sup>, DS200<sup>®</sup>, AutoMARK<sup>®</sup>

With more than **13,500 units** in use around the US, the DS200<sup>®</sup> is the industry's most widely used precinct digital scanner.

**electionware**<sup>™</sup>



maintaining voter confidence. enhancing the voting experience.

11208 John Galt Boulevard | Omaha, NE 68137 USA | P: 402.593.0101 | TF: 1.800.247.8683 | F: 402.593.8107

[www.essvote.com](http://www.essvote.com) | [hardware@essvote.com](mailto:hardware@essvote.com) | [software@essvote.com](mailto:software@essvote.com)





## UNIVERSAL VOTING SYSTEM



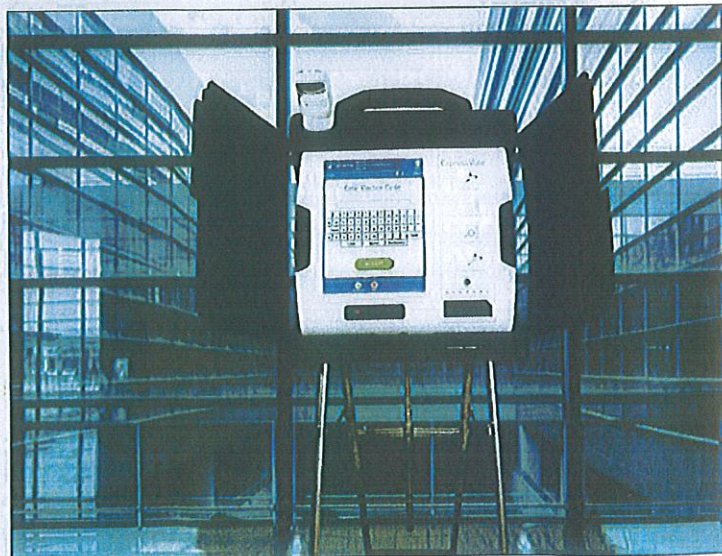
# ExpressVote®

### THE ES&S EXPRESSVOTE HANDLES IT ALL.

The ExpressVote Universal Voting System combines paper-based voting with touch screen technology to create an innovative breakthrough in voting solutions.

Used in early vote centers and on Election Day in precincts or vote centers, the ExpressVote handles the entire ballot-casting process. Election officials no longer have to guess the number of ballots to print — instead, an inexpensive Vote Session Activator™ card determines the ballot style presented on the touch screen.

ExpressVote can serve every eligible voter, including those with special needs. As a fully compliant ADA (Americans with Disabilities Act) voting solution, ExpressVote enables each voter to cast his or her ballot independently.





# Choose Leading-edge Technology

## KEY FEATURES

### VOTE SESSION ACTIVATOR

The voter receives a voting session activator card to begin the process. Election officials can choose from three options:

- If only one ballot is programmed for the election, a blank card activates the ballot.
- If the election has multiple ballots, a blank card requires a poll worker to select the correct ballot for the voter.
- If the election has multiple ballots, a card with an activation barcode displays the correct ballot for the voter.

### CASTING OPTIONS

The ExpressVote enables casting options. Voters can:

- Manually place ballots in the DS200 for scanning and tabulating.
- Use AutoCast® to place ballots into a secure container for later tabulation by an election official, who may use the DS850 central scanner and tabulator.

### VERIFIABLE PAPER RECORD

After all selections are made, a human- and machine-readable paper record is produced, including text and an optical scan barcode. All votes are digitally scanned for tabulation on ES&S' DS200 and DS850 devices.

### EASY TO SET UP AND USE

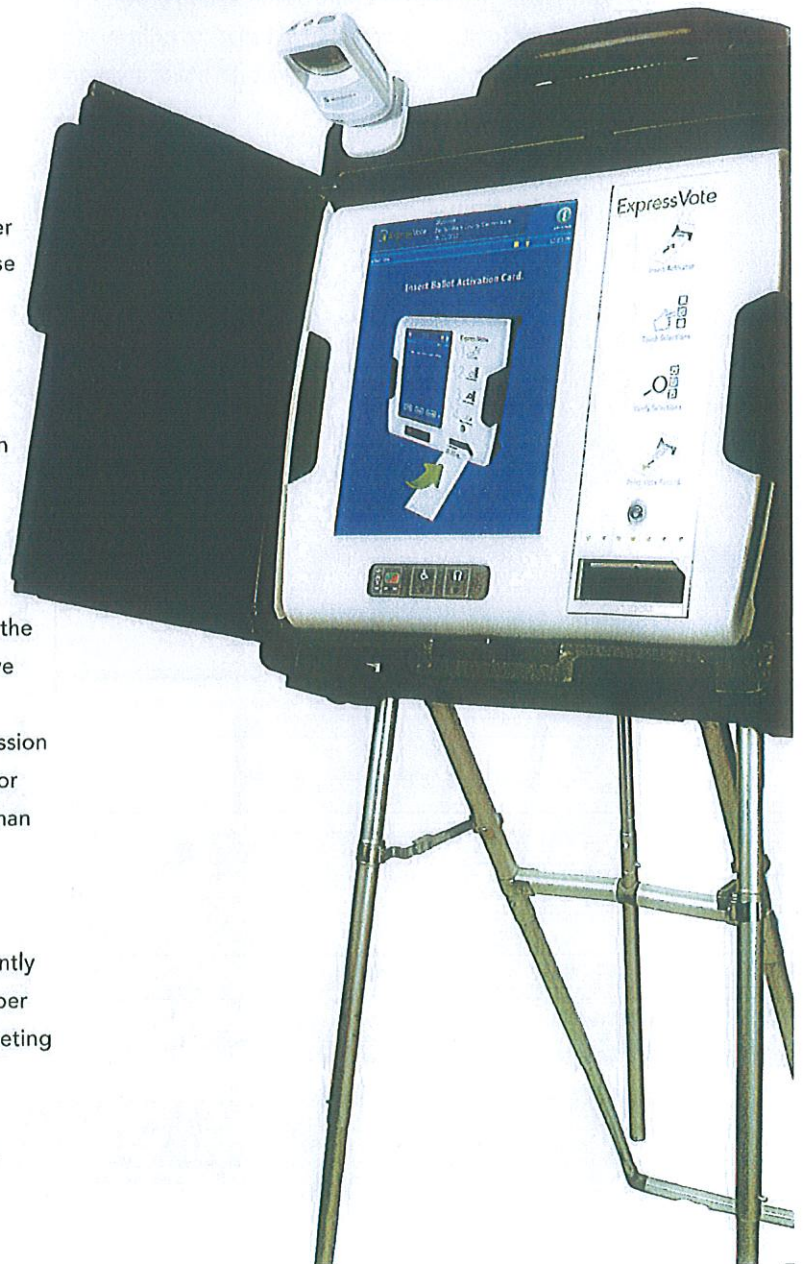
The one-step startup and poll-closing procedure makes the ExpressVote an ideal device for poll workers. The intuitive design offers streamlined simplicity for all voters, poll workers and election staff. The paper card is the vote session activator – there is no expensive technology to manage or program. The ExpressVote is small, lightweight at less than 20 pounds, and easy to carry.

### CONTROLLED AND REDUCED COSTS

Traditional ballot printing costs can be reduced significantly by eliminating the need and expense for pre-printed paper ballots. With low operation and maintenance fees, budgeting for recurring expenses with the ExpressVote is easy. The system does not use ink, toner, or paper rolls and consumes 70 percent less paper than traditional ballots.

### INNOVATIVE DESIGN

Complete and total independence is maintained while voters cast their own records. Voters review a summary page and can make changes before casting ballots. A voter's selection changes will not spoil the voting session. The system produces a verifiable paper record for each voter that is digitally scanned for tabulation. ExpressVote neither stores nor tabulates vote counts. The system is secure – the election definition media device is protected in a locked environment.



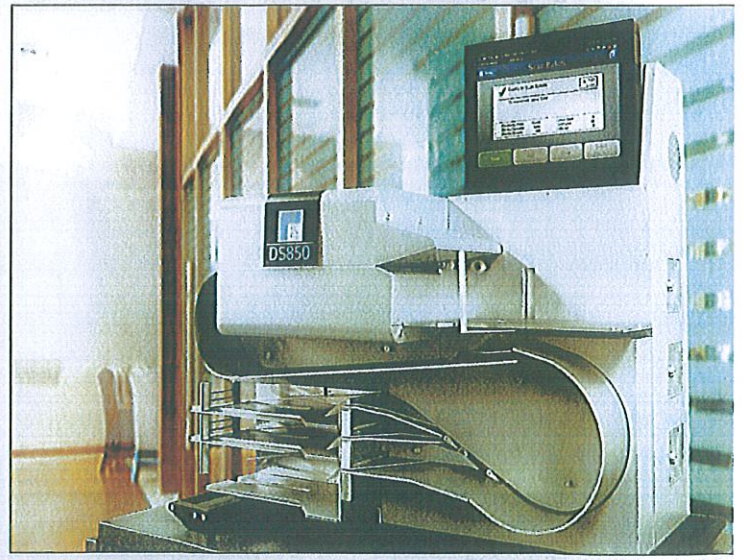
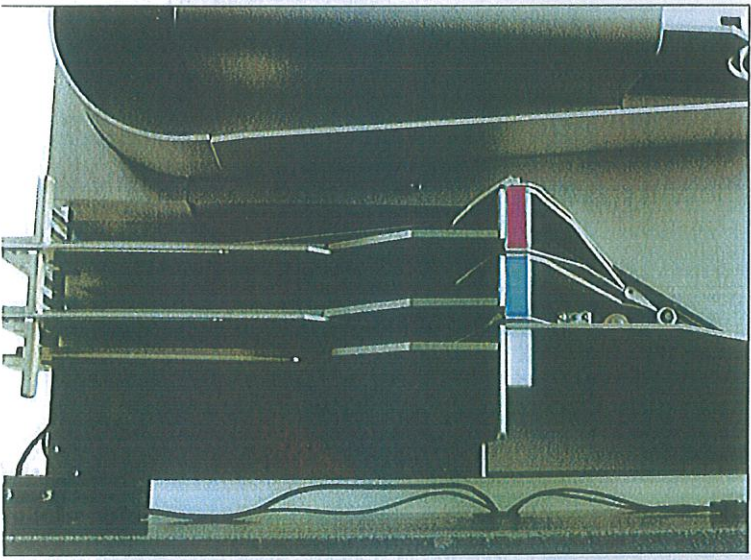


HIGH-SPEED SCANNER & TABULATOR

# DS850<sup>®</sup>

## THE DS850<sup>®</sup> - THE INDUSTRY LEADING HIGH-SPEED CENTRAL SCANNER AND TABULATOR.

The DS850 central scanner and tabulator is a high-speed digital ballot scanner and tabulator equipped with the latest ES&S technology to make your job easier. The DS850 system is the fastest central scanner in the industry. Fully certified and compliant with the latest federal Voluntary Voting Systems Guidelines, the DS850 enhances the voting experience for voters and election officials.





# Enhance the Voting Experience

## KEY FEATURES & BENEFITS

### SPEED

The DS850 can scan ballots of multiple sizes and handle folded and roughed-up ballots with ease. For example, the system can scan 14-inch double-sided ballots at the rate of 300 per minute with next to no ballot jams. The DS850 is three times faster than any other digital scanner on the market.

### EASE OF USE

The durable 15-inch color touch screen and user-friendly interface walk you through every step of the process.

### FLEXIBILITY

With three separate sorter bins, you can determine whether you want to set apart specific types of ballots for further review. Let the DS850 handle separating write-in votes, over-votes, and blank ballots – all without missing a beat.

### SECURITY

Safeguard your election data with the DS850's system integrity, electronic audits, data encryption, and digital signatures. Nearly 35 years of election industry experience makes ES&S the vendor you can trust.

### ACCURACY

ES&S' patented Intelligent Mark Recognition™ (IMR) and PTRAC™ technology ensure that ballots are read accurately and consistently, protecting voter intent and eliminating manual adjudication time.

PTRAC (Positive Target Recognition & Alignment Compensation) corrects for variations in ballot alignment and printing, allowing the digital scanners to zero in on the marking area. IMR then digitally subtracts the outline of the voting target to read only the voter's mark. Our competitors' optical scanners require you to set an arbitrary pixel threshold to determine what counts as a mark.

Instead, the DS850 does the work for you. To determine which marks were intentional, sophisticated algorithms analyze the mark's darkness (pixel density) and directionality. Unlike other scanners, the DS850 is not fooled by erasures or other stray marks.

Does the election require a recount? With the DS850, you get the same consistent and accurate results every time.

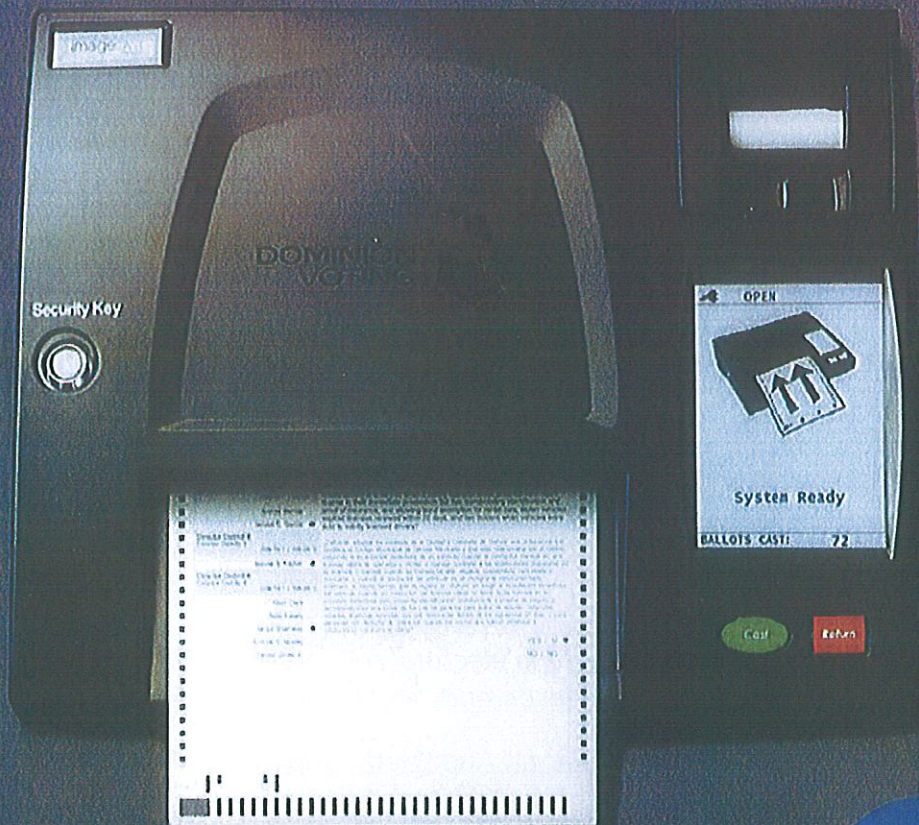




# IMAGECAST® PRECINCT

THE WORLD'S MOST RELIABLE  
OPTICAL SCAN TABULATOR

*Dominion's ImageCast® Precinct is the most tried and proven tabulation equipment in the industry, backed by our dedicated service team.*



## ImageCast® Precinct Optical Scan Tabulator: Reliable & Versatile

- Over 100,000 units deployed worldwide
- Lightweight; easy to store, carry & set-up
- Optional integrated ADA compliant configuration
- Can scan ballots up to 30 inches



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# STANDARD FEATURES & ADVANTAGES

## STANDARD FEATURES

- High resolution scanning technology
- Automatic detection of fraudulent ballots
- Ultrasonic multi-feed detector that prevents the device from accepting more than one ballot at a time
- Dual, removable commercial memory cards for redundancy
- Internal diverter for simplified ballot sorting
- Patented AuditMark® image technology



## BENEFITS

*Dominion has invested in the development of proprietary technology that truly sets its products apart from the competition. Focusing on two key aspects of the electoral process - risk-limiting auditing and voter intent - Dominion's technology improves the transparency and integrity of the election process.*

- **AuditMark® technology:** Each digital ballot image has an AuditMark® appended at the bottom, showing a record of how that ballot was interpreted by the tabulator on Election Day. Why bother purchasing a scanner if it can't tell you what it read?
- **Marginal Mark detection:** This feature makes it possible for voters to clarify their intent when they cast their ballot. Thresholds can be configured to jurisdictional requirements.
- **Complete end-to-end system auditability:** Every action taken on the tabulator and the election management system is recorded in a permanent, unalterable digital audit log.
- **Engineered simplicity:** Dominion's voting systems were designed to be easy-to-use for voters, poll workers and election officials.

 **PROVEN,  
PRACTICAL  
& SIMPLE**






# WHAT YOU NEED, WE DELIVER

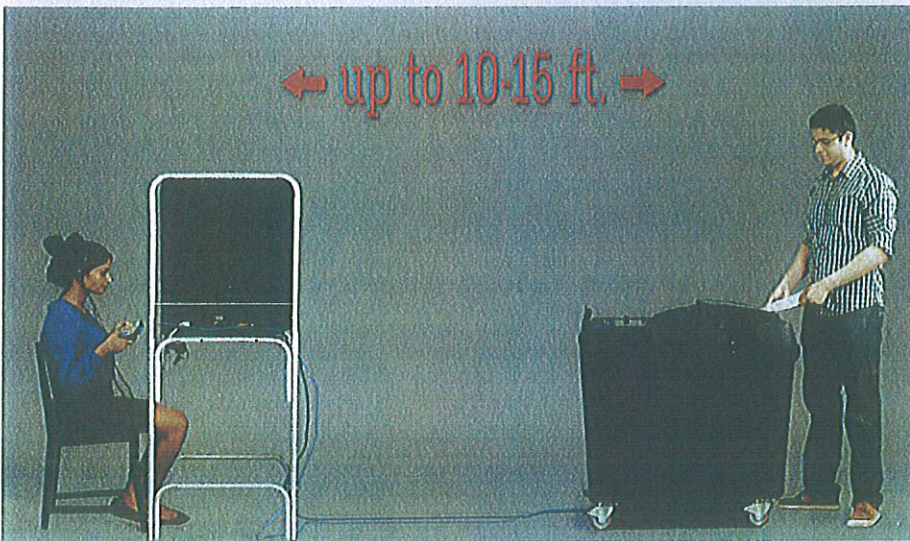
## EXPERTISE

Dominion team members are leaders in the industry in project management services and support for voting system implementations. With nearly 200 professional staff - including over 60 individuals dedicated to Customer Service & Delivery - and over 2,000 years in combined elections experience, Dominion has the expertise to deliver on all your election needs.

## EXPERIENCE

Dominion staff leverage their broad implementation experience with Dominion, Sequoia as well as Premier/Diebold product lines to deliver the best professional services in the industry. This cornerstone in project management has been the key to success of voting system implementations ranging in scale from large statewide projects to small scale election events. **As a Dominion customer, you know you can rely on Dominion's state-of-the-art technology, vast engineering resources and expertise - all of which are mobilized to ensure that your needs, and those of your voters, are fully met.**

 *While an accessible voting session is on-going with a voter using an audio ballot and ATI to vote, another voter is casting their ballot.*



## DOMINION CUSTOMER SERVICE & SUPPORT

- Planning & Scheduling
- Overall Change Control Process
- Project Scope Management
- Resource Planning
- Quality Control
- Risk Management
- Resource Management
- Equipment Procurement & Deployment
- Customer Interface & Communications
- Training Management



**STATE-OF-THE-ART TECHNOLOGY, EXPERTISE & EXPERIENCE.  
DEDICATED TO MAKING YOUR ELECTION A SUCCESS.**

## ImageCast® Precinct's Global Footprint

- Nearly 12,000 units in 52 of 58 jurisdictions in *New York State*
- 2,500 units used nationally in *Mongolia*
- Over 80,000 units deployed in the *Philippines*
- Thousands of units used in municipal and provincial elections in *Canada*



### SECURE

**STATE-OF-THE-ART SECURITY TO SATISFY THE NEEDS AND EXPECTATIONS OF VOTERS, AND FOR YOUR ADDED PEACE OF MIND**

EAC VVSG 2005 certified, featuring the highest security standards - with symmetric and asymmetric encryption - while preserving transparency through end-to-end system auditability.

Integrated ballot security features.

Encryption and security protocols are designed to meet the drafted Next Iteration requirements of the VVSG.

Extensive internal security monitoring to ensure data integrity and maintain public confidence.



### EFFICIENT

**SPECIFICALLY DESIGNED TO HELP YOUR ELECTION RUN EFFICIENTLY**

Lightweight, robust tabulator with optional accessible configuration.

AuditMark® ballot image auditing capability retains a secure digital image of every ballot cast in your election.

Meets EAC VVSG 2005 standards with superior accessibility for all voters.



### SIMPLE

**ENGINEERED SIMPLICITY**

From tropical to concrete jungles - the ImageCast® Precinct has been successful in some of the most challenging environments around the world.

Optional ballot review, second chance voting and accessible voting - all at one terminal.

5.7" LCD display screen.

Seamless integration with Dominion's Democracy Suite®.

**Please contact us for more information:**

**[sales@dominionvoting.com](mailto:sales@dominionvoting.com)**

**1.866.654.VOTE**



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# IMAGECAST® X

FLEXIBLE, EFFICIENT &  
FORWARD-THINKING

*Dominion's ImageCast® X is a tablet-based precinct voting terminal which combines the flexibility, efficiency and simplicity of modern technology, with an underlying platform of security and performance - Dominion's robust and reliable Democracy Suite®.*



**ImageCast® X:**  
It's everything  
you want it to be.

- Driven by Dominion's powerful Democracy Suite® software, with flexible configurations to meet jurisdictional needs
- Leverages commercially available off-the-shelf hardware, making it cost-effective, flexible and sustainable
- Provides a range of accessible input options, allowing all voters to use the same device to vote
- Intuitive touchscreen interface for poll workers and voters



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Our solutions are fast





# STATE-OF-THE-ART TECHNOLOGY, EXPERTISE & EXPERIENCE. DEDICATED TO MAKING YOUR ELECTION A SUCCESS.



## DESIGNED AROUND CUSTOMER FEEDBACK

Today, voters and election officials are increasingly looking to leverage everyday technologies to improve the voting process and experience.

We listened to you, and designed a tablet-based precinct voting terminal which combines the flexibility, efficiency, and simplicity of modern technology, with an underlying platform of security and performance - Dominion's robust and reliable Democracy Suite®.



### FLEXIBLE

#### BUILT WITH SUSTAINABILITY IN MIND

Takes advantage of the latest cutting-edge technology and industry-leading tablet devices, making our system modular and scalable.

Uses compact tablets that are cost-effective, easy to store, maintain and deploy when space is at a premium.

Provides a range of accessible input options for tablet voting, giving voters with accessibility needs the ability to vote privately and independently.



### EFFICIENT

#### DESIGNED FOR EFFICIENCY

A software-based system designed around a robust Election Management System and a single database for all critical pre-election and post-election tasks.

Simplifies Election Day deployment.

Lowers the total cost of ownership by reducing reliance on proprietary hardware.

Includes all the tools needed to simplify and streamline the election process, saving time and reducing workload.

The tablets can be leveraged for other uses by the County.



### SIMPLE

#### ENGINEERED SIMPLICITY

Reduces complexity for election officials, with all voting channels and results tabulation taking place out of a single, unified database.

Voters and poll workers interface with simple, commonly used technology - improving the voting process and experience.



### SECURE

#### STATE-OF-THE-ART SECURITY

Encryption and security protocols are designed to meet the drafted Next Iteration requirements of the VVSG.

Preserves transparency through complete end-to-end auditability of the entire system.

Extensive internal security monitoring to ensure data integrity and maintain public confidence.

Creates a digital image of every ballot scanned and appends each with our industry-exclusive ballot-level audit trail, the AuditMark®.

Please contact us for more information:

[sales@dominionvoting.com](mailto:sales@dominionvoting.com)

1.866.654.VOTE

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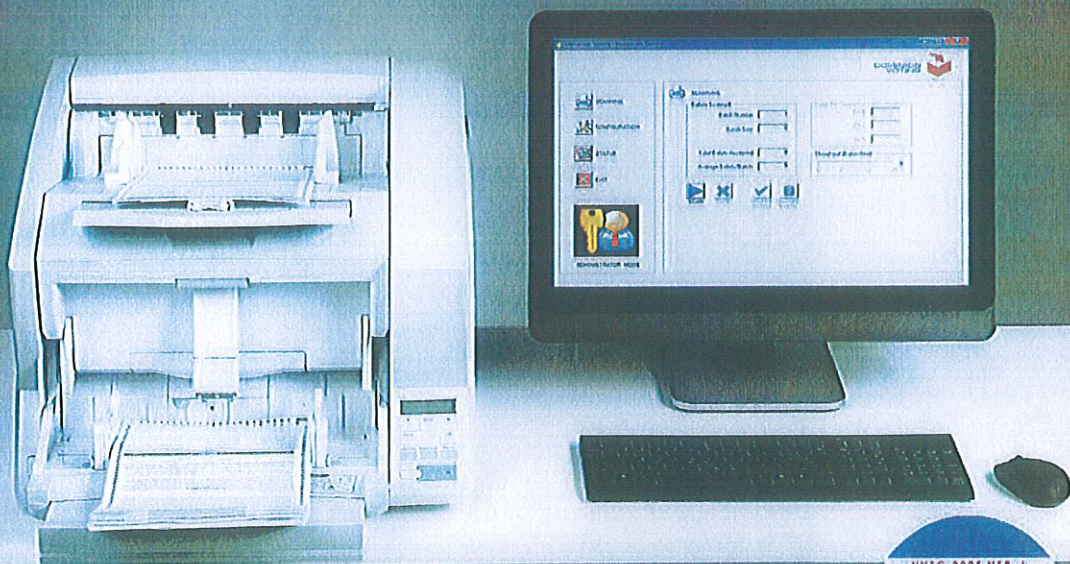




# IMAGECAST® CENTRAL

THE MOST EFFICIENT & EASY-TO-USE  
CENTRAL COUNT SYSTEM

*No matter the size of your jurisdiction, Dominion's reliable central count solution is scalable to your needs.*



## ImageCast® Central: Unparalleled Scalability & Flexibility

- Driven by Dominion's powerful Democracy Suite® software, with flexibility to meet jurisdictional needs
- Use of industry-leading commercial hardware to decrease capital costs and minimize risk of hardware failure
- Digital ballot review allows election officials to adjudicate ballots efficiently



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Our customers count.





# STANDARD FEATURES & ADVANTAGES

## STANDARD FEATURES

- **Scalable and affordable, no matter the size of the jurisdiction:**
  - One ImageCast® Central commercial scanner can process roughly 4,000 ballots per hour, or 28,000 ballots in a day.
  - Adding multiple commercial scanners increases efficiency without breaking the bank.
- **Engineered simplicity:**
  - The operator loads a batch and presses "scan" - simple!
  - When the batch is complete the operator presses "accept" - easy!
- **Manual, automated or digital out-stacking:**
  - The software allows users to select and sort ballots that need to be reviewed; such as over-votes, under-votes, blank ballots, blank contests, marginal marks, and write-ins.
  - The out-stacked ballots can be automatically sent to ImageCast® Adjudication for digital review.

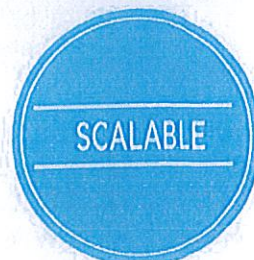


## BENEFITS

*Dominion has invested in the development of proprietary technology that truly sets its products apart from the competition. Focusing on two key aspects of the electoral process - risk-limiting auditing and voter intent - Dominion's technology improves the transparency and integrity of the election process.*

- **AuditMark® technology:** Each digital ballot image has an AuditMark® appended at the bottom, showing a record of how the voter's intent was interpreted by the tabulator. Why bother purchasing a scanner if it can't tell you what it read?
- **Marginal Mark detection:** This feature identifies ballots with marginal marks. The system digitally out-stacks them, so that voter intent can be clarified. Thresholds can be configured to jurisdictional requirements.
- **Complete end-to-end system auditability:** Every action taken on the tabulator and the election management system is recorded in a permanent, unalterable digital audit log.
- **Engineered simplicity:** Dominion's voting systems were designed to be easy-to-use for end-users and election officials.

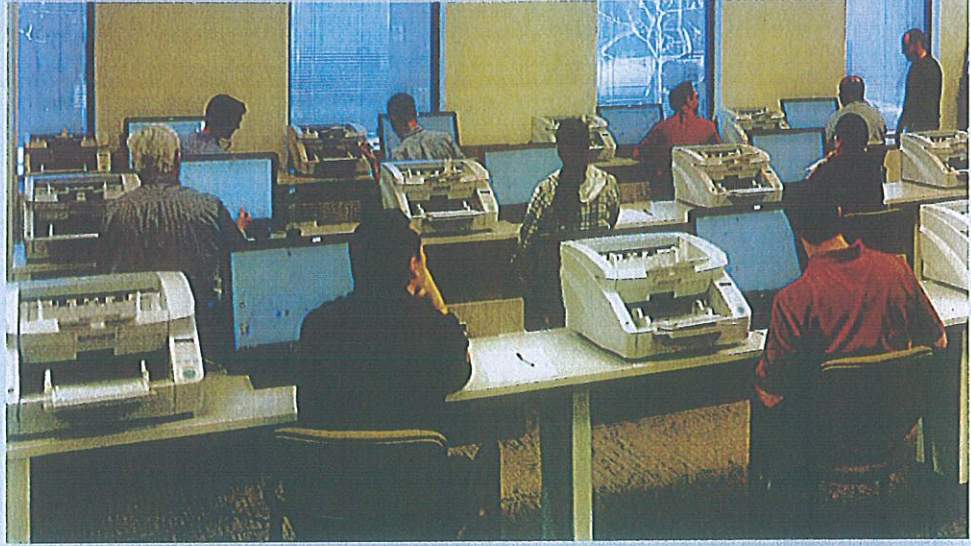
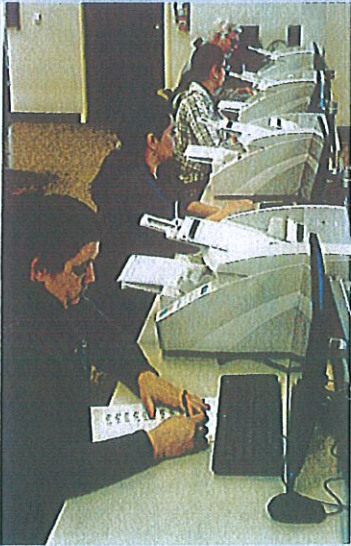
 **PROVEN IN  
ELECTIONS  
BIG & SMALL**





# WHAT YOU NEED, WE DELIVER

 **SCALABLE & FLEXIBLE TO MEET THE NEEDS OF JURISDICTIONS LARGE & SMALL**



 **DIFFERENT CAPACITY HARDWARE FOR UNIQUE CUSTOMER NEEDS**

● ● SCANNER OPTIONS ● ● ●



*Ask us about the hardware options available for your jurisdiction.*



**CANON  
DR-X10C**

OR



**CANON  
DR-G1130**

OR



**CANON  
DR-M160**

SIMPLE

FLEXIBLE



**A TRIED & PROVEN SYSTEM  
DESIGNED AROUND CUSTOMER  
FEEDBACK & BACKED BY OUR  
DEDICATED DOMINION TEAM**



**STATE-OF-THE-ART TECHNOLOGY, EXPERTISE & EXPERIENCE.  
DEDICATED TO MAKING YOUR ELECTION A SUCCESS.**

## ImageCast® Central: A Scalable System to Meet Your Specific Needs

ImageCast® Central is the most cost-effective system which offers efficiency, scalability and flexibility; no matter the size or complexity of the jurisdiction.



### SECURE

**STATE-OF-THE-ART SECURITY TO SATISFY THE NEEDS AND EXPECTATIONS OF VOTERS, AND FOR YOUR ADDED PEACE OF MIND**

EAC VVSG 2005 certified, featuring the highest security standards - with symmetric and asymmetric encryption - while preserving transparency through end-to-end system auditability.

Integrated ballot security features.

Encryption and security protocols are designed to meet the drafted Next Iteration requirements of the VVSG.

Extensive internal security monitoring to ensure data integrity and maintain public confidence.



### EFFICIENT

**SPECIFICALLY DESIGNED TO HELP YOUR ELECTION RUN EFFICIENTLY**

Uses compact commercial scanners to offer high sustained throughputs and worldwide access to a vast pool of readily available replacement parts and certified technicians.

AuditMark® ballot image auditing capability retains a secure digital image of every ballot cast in your election.

Meets EAC VVSG 2005 standards.



### SIMPLE

**ENGINEERED SIMPLICITY**

Modular and scalable to any size election.

Flexible with site layouts when space is at a premium.

Can be used in conjunction with ImageCast® Adjudication digital ballot review application.

Seamless integration with Dominion's Democracy Suite®.

Please contact us for more information:

[sales@dominionvoting.com](mailto:sales@dominionvoting.com)

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Unisyn Voting Solutions®

World-Class Service

Commitment to  
Excellence

Professional Support



2005 VVSG Certified

Java and Hardened  
Linux Platform

### Questions?

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Call: 1-760-734-3233

Email: [marketing@unisynvoting.com](mailto:marketing@unisynvoting.com)

## OpenElect® Voting Optical Scan (OVO)

### Leading Innovation in the Election Industry

Unisyn OpenElect® Voting Optical Scan (OVO) is a comprehensive and secure paper-based digital optical scan voting system that both validates and tabulates ballots at each precinct.

### Supports Ranked Choice Voting (RCV)

- Familiar runoff process done in a single election
- Works equally well when there are multiple seats to fill
- Combines two elections into one, so voters only have to make one trip to the poll

### Integrity, Confidence and Flexibility

- 2005 Certification of the Voluntary Voting System Guidelines (VVSG) from the United States Election Assistance Commission (EAC)
- Hardened Linux and Java platform provides multiple layers of security and flexibility



### High levels of Physical and Software Security

Physical measures, coupled with comprehensive procedures, ensure proper and effective security and integrity during equipment preparation, testing, repair and use.

### Transparent System that Supports Accountability

- Reviewed by an EAC-accredited Voting System Testing Laboratory (VSTL)
- Lab reports are made public as part of our transparent process
- Software code is disclosed as part of a procurement process with a jurisdiction

### OVO Features and Benefits

- Self contained ballot counter includes a full color touch screen display, ballot scanner, and precinct report printer
- Provides the voter easy to follow onscreen instructions for all valid operations
- Scans ballots quickly
- Records and deposits ballots into a locked ballot box
- Prints reports and receipts
- Modular design and compact size provides easy transport and set-up

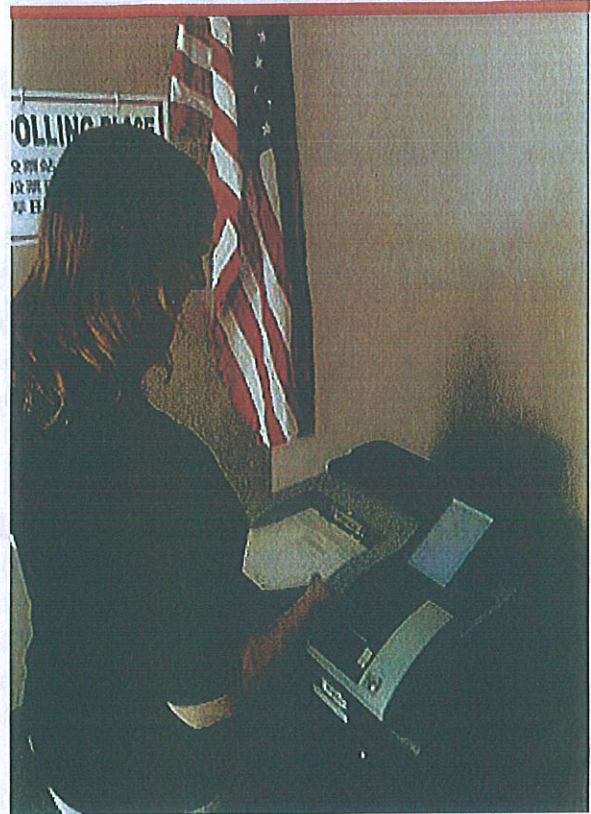


Scalability • Transparency  
Flexibility

- Pre Election Support
- Results Reporting
- Media Support
- Voter Education
- Administration Management
- Technical Support
- Maintenance
- Printing
- Supplies

## Flexibility in Program Design and Support Services

Resources, best practices and leading-edge technology provides our clients with the skills and tools needed to revolutionize local elections.



*"Four letters describe Unisyn Voting Solutions - **SAFE: Secure, Accurate, Flexible and Easy** ... No wonder that they're causing such a stir in the election community. The Unisyn OVO will change the way elections are managed in both the public and private sectors."*

OpenElect Voting Optical Scan (OVO)  
OpenElect Voting Interface (OVI)  
OpenElect Voting Central Scan (OVCS)  
OpenElect Central Suite (OCS)

**Unisyn Voting Solutions®** is a different kind of company! Embracing the standards set forth by the voting community, we are the *first* Company to offer a digital optical scanning system certified to the 2005 Voluntary Voting System Guidelines set forth by the U.S. Election Assistance Commission (EAC).

Our products provide a wide array of choices in selecting a voting system. Contact our Election Specialists today to learn more!

**Unisyn Voting Solutions®:** 2310 Cousteau Court, Vista CA 92081  
T) 1-760-734-3233 F) 1-760-598-0219 E) marketing@unisynvoting.com  
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Unisyn Voting Solutions®

Innovative and Versatile

2005 VVSG Certified

ADA

Early Voting

Ranked Choice Voting

Java and Hardened Linux  
Platform

## OpenElect® Voting Interface™ Vote Center (OVI-VC™)

OpenElect® Voting Interface™ Vote Center (OVI-VC™) provides touch screen voting to accommodate voters in an early vote center and multiple precinct vote locations. Fully HAVA compliant; each OVI-VC prints on demand a ballot which may be reviewed by the voter prior to being scanned. Secure tabulation is then completed using the OpenElect® Voting Optical Scan (OVO®) or the OpenElect® Voting Central Scan (OVCS®).



### Americans with Disabilities Act (ADA) Features

- HAVA compliant keypad, sip-n-puff, zoom-in ballot and multi-lingual audio functionality
- Allows voters to prepare ballots independently and privately
- Allows voters to correct mistakes (second chance voting)

### Early Voting/Vote Centers

- Contains all ballot styles to accommodate non-geographical use at early voting locations
- May be used for write-in candidates when required
- Ballots are printed in easy to read format for review by Voter before tabulation

### Transparent System that Supports Accountability

- Fully reviewed and certified by an EAC-accredited Laboratory
- Lab Reports are public as part of our transparent process
- Software code is disclosed for review as part of a procurement process with a jurisdiction

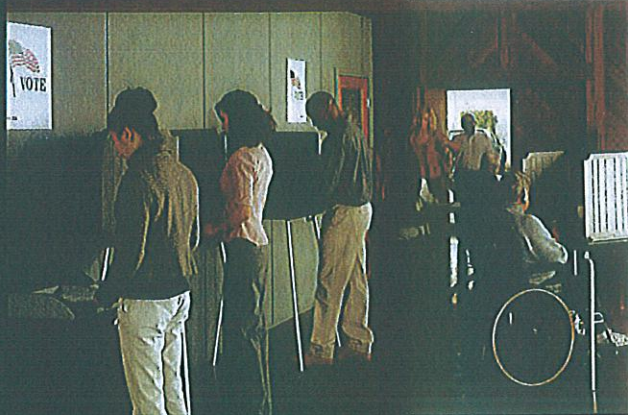


### Questions?

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Email: [marketing@unisynvoting.com](mailto:marketing@unisynvoting.com)





Scalability • Transparency  
Flexibility

- Pre Election Support
- Results Reporting
- Media Support
- Voter Education
- Administration Management
- Technical Support
- Maintenance
- Printing
- Supplies

### High Levels of Physical and Software Security

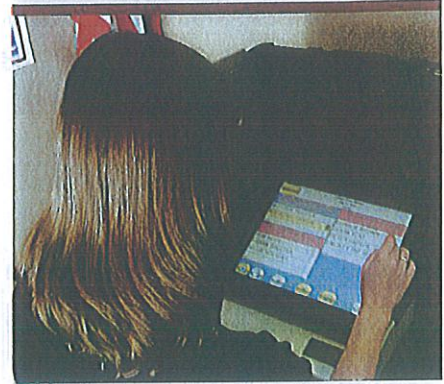
Physical measures, coupled with comprehensive procedures, ensure proper and effective security and integrity of equipment during preparation, testing, repair and use.

### Flexibility in Program Design and Support Services

Resources, best practices and leading-edge technology provides our clients with the skills and tools needed to efficiently conduct elections.

### OVI-VC™ Features and Benefits

- Supports multiple languages
- Rank Choice Voting (RCV)
- Modular design provides easy transport and set up for poll workers
- Ballots are printed in easy to read format for review
- Produces complete precinct audit logs and reports
- OVI-VC™ produced ballots can be easily scanned into the OpenElect® Voting Optical Scan (OVO®) or the OpenElect® Voting Central Scan (OVCS®)



*“Unisyn’s products are easy to use and their ability to customize a program that is good for our jurisdiction is exceptional. The entire company is focused on making sure our elections are successful.”*

OpenElect Voting Optical Scan (OVO)  
OpenElect Voting Interface (OVI)  
OpenElect Voting Interface (OVI-VC)  
OpenElect Voting Central Scan (OVCS)  
OpenElect Central Suite (OCS)

**Unisyn Voting Solutions®** is the *first* Company to offer a digital optical scanning system certified to the 2005 Voluntary Voting System Guidelines set forth by the U.S. Election Assistance Commission (EAC).



Our OpenElect® suite of products provides a wide array of equipment choices which allows us to provide the perfect match for the way you want to conduct your elections. Contact our Election Specialists today to learn more!

**Unisyn Voting Solutions®:** 2310 Cousteau Court, Vista, California 92081-8346 USA

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## OpenElect® Voting Central Scan (OVCS)

Innovative and Versatile  
2005 VVSG Certified  
ADA  
Early Voting  
Ranked Choice Voting  
Java and Hardened Linux  
Platform

The OpenElect® Voting Central Scan (OVCS) resides at election headquarters. It is a bulk scanner designated to read absentee and provisional ballots, and to perform recounts. The OVCS also captures Write-In data images and produces a Write-In image report for manual processing upon request.

### Enhanced Speed and Security

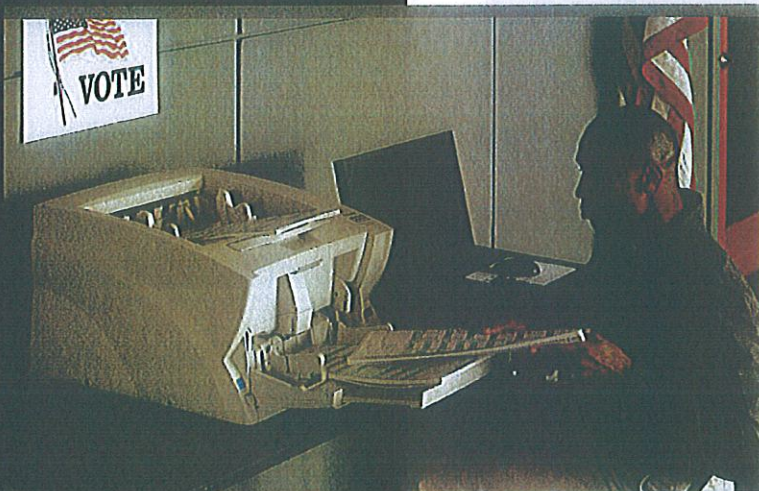
- Hardened Linux/Java multi-tiered platform provides enhanced security
- Transparent source code – available for review as part of a jurisdiction's procurement process
- Capable of uploading results directly to the tabulator without intermediate steps

### Multifaceted, Flexible and Comprehensive

- Accommodates Ranked Choice Voting (RCV)
- Provides a permanent record of voter choices
- Captures full ballot images
- Extracts write-in entries from ballots and presents consolidated reports for each contest by precinct
- Can be used for central tabulation and recounts

### High levels of physical and software security

Physical measures, coupled with comprehensive procedures, ensure proper and effective security and integrity during equipment preparation, testing, repair and use.



### Questions?

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Call: 1-760-734-3233  
Email: [marketing@unisynvoting.com](mailto:marketing@unisynvoting.com)

*"When It Came To Innovation, Unisyn invested to retool the traditional election technology; adopting a new business model and nurturing a support network of peer-reviewed trusted third parties, industry authorities and skilled workers. And the change, led to the renaissance of an entire industry."*



## Scalability • Transparency Flexibility

- Pre Election Support
- Results Reporting
- Media Support
- Voter Education
- Administration Management
- Technical Support
- Maintenance
- Printing
- Supplies

## Adjudication

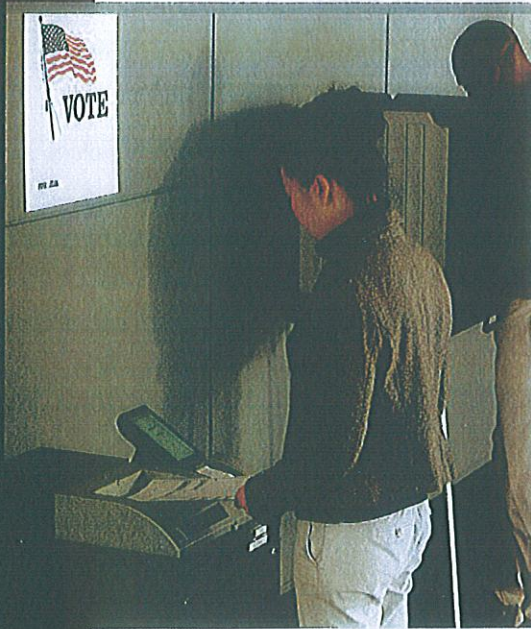
Provides adjudication whereby a qualified group is allowed to review error conditions on a ballot and adjust the ballot record according to the voter's perceived intent.

The OVCS allows for:

- Casting of ballots that cannot be read through system due to defacement of ballot
- Resolution of overvote/undervote conditions on a ballot
- Provides all-electronic handling of write-ins (without manual sorting)
- Provides method for visual validation of system function

## Flexibility in Program Design and Support Services

Resources, best practices and leading-edge technology provides our clients with the skills and tools needed to efficiently conduct local elections.



## Features and Benefits

- Units can be scaled, depending on number of ballots
- Flexibility to read various ballot sizes and two-sided ballots
- Capable of uploading results directly to tabulation without the need for intermediate steps

OpenElect Voting Optical Scan (OVO)

OpenElect Voting Interface (OVI)

OpenElect Voting Central Scan (OVCS)

OpenElect Central Suite (OCS)

**Unisyn Voting Solutions®** is a different kind of company!

Embracing the standards set forth by the voting community, we are the *first* Company to offer a digital optical scanning system certified to the 2005 Voluntary Voting System Guidelines set forth by the U.S. Election Assistance Commission (EAC).



Our products provide a wide array of choices in selecting a voting system. Contact our Election Specialists today to learn more!

**Unisyn Voting Solutions®:** 2310 Cousteau Court, Vista, California 92081-8346 USA

T) 1-760-734-3233 F) 1-760-598-0219 E) [marketing@unisynvoting.com](mailto:marketing@unisynvoting.com)

W) [www.unisynvoting.com](http://www.unisynvoting.com) © 2010



**Unisyn**  
Voting  
Solutions



# Appendix III

Review Committee

**ELECTION SYSTEMS UPDATE**

April 4, 2017

## Caldwell, Roland

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**From:** Caldwell, Roland  
**Sent:** Monday, August 22, 2016 2:02 PM  
**To:** Moore, Brenda; Douglas Jones; Hirst, Matt; Holst, Diane; Renkes, Jeffrey; Michael Angelos; Kurylo, Peter; Bauer, Richard; Rik Shannon; Moritz, Roxanna; Caldwell, Roland; Ted Breckenfelder  
**Subject:** FW: Comments on Election Equipment

Here are Diane's comments.

-----Original Message-----

**From:** Bauer, Richard  
**Sent:** Thursday, August 18, 2016 11:47 AM  
**To:** Caldwell, Roland  
**Subject:** FW: Comments on Election Equipment

-----Original Message-----

**From:** Holst, Diane  
**Sent:** Thursday, August 18, 2016 11:20 AM  
**To:** Moritz, Roxanna  
**Cc:** Bauer, Richard  
**Subject:** Comments on Election Equipment

Hello, Roxanna. First I want to thank you for the invitation to sit in on the demonstrations with your organization. For what it's worth, here are my observations about the products presented.

Dominion's feature of an explanation of how it judged each vote was something the other two vendors did not have.

ES&S's vote sorter seemed to be a superior product to Dominion's and Unisyn's scanner sorters. IT SORTS. The fact that those using the scanners had to "count up or down" in a stack to review a ballot was a minus.

ES&S and Unysyn offered to buy back equipment, a plus for them.

ES&S had a better battery life and temperature tolerance, which puts them above the others on that point.

I question Unysyn not having battery backup.

ES&S, the scanner itself was a smaller package, and should we be in a situation of lack of storage for temperature/humidity sensitive equipment, their unit (separated from the bin), will take up less space.

The ES&S was far easier to use for the poll worker.

Unisyn's and Express Vote printed on blank stock, so a similar plus, but the Express Vote is smaller (back to the storage issue).

Unisyn's need for the five digit code on the ADA device appeared to me to be something not needed by the others??? I wasn't totally following that whole process.

Regarding product support, I encouraged Richard to contact one of the counties with ES&S (Linn, Blackhawk, Waterloo, or Clinton) and get their input. Richard seemed to have to some past experience, and I would like him to feel confident.

My vote based on features is ES&S. Price to be taken into consideration at some point.

Diane

Sent from my iPad

## Caldwell, Roland

---

**From:** Jones, Douglas W <douglas-w-jones@uiowa.edu>  
**Sent:** Monday, August 22, 2016 2:25 PM  
**To:** Caldwell, Roland  
**Subject:** Re: Election Equipment Demos

I've had the time to digest my thoughts about the voting machines we saw and forwarded them to several people, but given what you just forwarded, it seems sensible to send this your way too (and you may forward these thoughts if you want).

If only it was OK to mix and match, you could get a very nice voting system out of this. Unfortunately, mixing and matching is not an option. Voting systems are certified as systems, and you can't just plug and play.

Overall, my comments tend to agree with what you forwarded from Diane Holst and Matt Hirst, and we seem to have reached our conclusions in similar ways.

In the following + and - marks indicate whether each comment is positive or negative. Comments are sorted by vendor.

### DOMINION

+ The Dominion ImageCast ICP system gets a plus for its "audit mark" that it appends to the image of each scanned ballot explaining the basis on which it judged each mark instead of merely saying the mark was or was not a vote.

-- The ImageCast ICE and ATI seem difficult for the pollworkers to use. I found the pollworker instructions for the ICP/ATI combination here:

-- [https://www.pdfFiller.com/en/project/74143924.htm?f\\_hash=cbb446](https://www.pdfFiller.com/en/project/74143924.htm?f_hash=cbb446)

+ The attention Dominion gave to the problem of voter privacy with ballots marked with the ICE and ATI strikes me as cute. The AutoMARK could have tried to make marks that looked hand-made a decade ago, but nobody thought to do so. Clearly, the miniature ballots printed by the competitor's accessible voting systems make it obvious which ballots were cast on the accessible machine, and that makes the right to a secret ballot difficult in precincts where there is just one voter who uses the accessible system.

-- The off-the-shelf central-count tabulator does not sort. Stopping the tabulator after each write-in ballot and displaying an instruction to the operator about how to find the problem ballot and what to do with it is a real hassle. (We're going to see huge numbers of write-in votes in this fall's presidential election (Bush, Sanders, you name it), and it could happen in future elections.)

+ The use of an off-the-shelf high speed scanner is nice, and the option to lease or purchase the scanner from someone else is unexpected. You're stuck with a specific make and model of scanner, but you aren't stuck using Dominion or Election Source as a middle man for that component of the system.

### ES&S

++ The ES&S Express Vote ballot marking device looks easy to use, and the fact that it prints on blank ballot stock can be a real plus, giving polling places insulation against running out of pre-printed ballots. (Iowa's emergency paper ballot law is pretty good, but hand counting improvised ballots is no fun at all when the polls close.)

- If any voter votes on the Express Vote, their ballot will stand out from the others, so you need a polling place procedure where, once some voter uses it, pollworkers should request that some other voters also use it until enough have done so that the vote cast on that machine doesn't stand out. This is a weak minus.

++ The central-count scanner sorts; this is a big improvement over prior ES&S scanners (although back in the 1970's, the Westinghouse W600 ballot scanner had a sorter -- ES&S started as something of a Westinghouse spinoff, and they still have senior people there who remember that machine.)

## UNISYN

- The OVO ballot scanner doesn't have a battery. Yes, there's an emergency compartment in every ballot box, so we can live with problems here. (I wish we had voting system vendors who designed systems you could power from jumper cables and a car battery. LibertyVote/Nedap offered such a system in the US for a while, but it never caught on.)

- The lack of a sorter in the OVO bothers me. Yes, you can look at images of write-in votes in order to evaluate them, but you ought to be able to look at the ballots themselves in the event that questions are raised about the integrity of the software. There are lots of people who know how to photoshop images!

- The OVO ballot scanner uses starter and ender cards, a strange holdover from the AccuVote OS that is itself a strange holdover from the Votomatic punched-card system. Almost any other approach to opening and closing the polls makes more sense than this.

++ the OVI VC, like the Express Vote, prints on blank ballot stock, offering some protection against running low on ballots.

- the OVI VC is a bit clunkier than the Express Vote.

- the OVI VC, like the Express Vote, creates the need for precinct procedures to protect the voter's right to a secret ballot.

-- the off-the-shelf central tabulator does not sort, as with Dominion.

+ but as with Dominion, it's an off-the-shelf high-speed scanner.

## GENERAL COMMENTS

I was surprised at the informal quotes of prices for off-the-shelf high-speed scanners. Something that sits comfortably on a table top costs half the price of a comfortable house! I was surprised that ES&S special purpose ballot scanners can compete in price with the off-the-shelf scanners, even though they have the added complexity of sorters.

Some of the vendor presentations used words like "military grade encryption." I know some great cryptographers who are deeply involved in issues of national security, and they emphatically deny that there is such a thing. You should interpret that phrase the same way you would interpret a car salesman's claims about the security of the door locks.

I was pleased to see the Automark is being replaced by lightweight and less expensive alternatives.

I can't set priorities for Scott County. A + mark in my comments above does not necessarily balance a - mark because I cannot tell you how to value, for example, handicapped accessibility versus precinct-worker friendliness, or voter privacy versus ballot printing costs.

That said, if I had to pick a vendor from among these three right now, I'd probably pick ES&S. I'm not sure you should listen to that gut reaction, though.

## Caldwell, Roland

---

**From:** Caldwell, Roland  
**Sent:** Monday, August 22, 2016 2:01 PM  
**To:** Moore, Brenda; Douglas Jones; Hirst, Matt; Holst, Diane; Renkes, Jeffrey; Michael Angelos; Kurylo, Peter; Bauer, Richard; Rik Shannon; Moritz, Roxanna; Caldwell, Roland; Ted Breckenfelder  
**Subject:** FW: Election Equipment Demos  
**Attachments:** Election Equipment Demo Notes.docx

Here are the thoughts of Matt Hirst regarding the election equipment demos. I will forward Diane Holst's reaction in a separate email. If you wish to share your reactions please send them to me and I will distribute to the advisory group. Thanks.

**From:** Hirst, Matt  
**Sent:** Tuesday, August 09, 2016 4:19 PM  
**To:** Moritz, Roxanna  
**Cc:** Bauer, Richard; Caldwell, Roland  
**Subject:** Election Equipment Demos

Roxanna:

Thank you for inviting me to the election equipment demonstrations! I have to say it was very informational and likely the best run demo day I've attended... Great job!

I took notes throughout the day and have attached them here in case they might be of use.

Overall I believe all three vendors are capable.

Having said that, in my opinion, ESS was the most capable for some of the following reasons:

- The high speed scan / tabulation solution was clearly the best
- The ESS high speed scan solution was the only one to sort ballots and was probably at least twice as fast
- The hardware seemed less complicated to run and setup
- The hardware seemed more ruggedized
- The hardware was better suited for the storage currently available at the County
- ADA functionality was more technically advanced with QR code scan capability

Clearly financials aren't factored into the opinion above... Customer service, experience, and references would also need to be evaluated in making an informed final selection...

If there is anything I can do to be of further assistance through this process, please let me know!

Thank you,

*Matt*

Matt Hirst - Director  
Scott County Information Technology  
400 West Fourth Street  
Davenport IA 52801-1104  
(563) 328-3261 - Office  
(563) 940 5013 - Cell

## Election Equipment Demonstration Notes - 8/9/16

- Questions / Notes:
  - Will Scott County be saving ballot images in the future?
  - What is the failure rate on CF cards?
  - Scott County has 63 precincts
  - Electronics should be stored where?
- Three (3) certified election equipment providers in Iowa
  - Election equipment is certified federally by Elections Assistance Commission (EAC) and by the state of Iowa

## Election Source / Matt Parrott

- Dominion Equipment
  - Nice directions on opening/closing polls (Scott County specific)
  - Ballots never have to go to two pages
  - Collapsible ballot boxes (saves storage)
  - Ballot box can separate write-in ballots for easier counting
  - Battery backup on tabulator (run ~ 2 hours without power)
  - Won't count a ballot with less than 5% filled in
  - Results have live built in HTML reports/output
  - Software is called "Democracy Suite" (SC would no longer use "GEMS")
  - Iowa law requires hand marked ballots for "Test Decks"
  - Uses compact flash cards
  - Tabulator uses two (2) cards for backup purposes
  - Equipment has built in surge protectors
  - Hardware is upgradeable (firmware, software) and as such a fifteen (15) year life expectancy is projected
  - Batteries are Lithium ION batteries in tabulators
  - High speed scan function uses COTS scanner (Canon)

## Election Systems Software (ESS) – Omaha (Angie and Chris)

- Elections only business
- Manufactures their own equipment
- In business for 40+ years
- No VAR's – work directly with ESS
- In 48 States and conduct 51% of all elections nationally
- In 9 Iowa Counties, Lynn, Woodberry, Blackhawk
- DS200 – Precinct Scanner
  - Can be stored from 0 to 120 degrees without issue
  - Battery lasts ~ 4-6 hours (lithium ion replaced by vendor under maintenance plan)
  - 1 year warranty
  - USB storage (redundant)
  - Thermal paper (no spools)
  - ~\$5500 before discounts
  - Ballots can be 11" to 19"
  - Very rugged
  - Moisture seals (in response to FL request)
  - Scanner can be dismantled and stored separately from ballot bin
  - Well-made device storage
- Express Vote (ADA voting device)
  - Replaces Automark
  - No consumables (Thermal ballot)
  - 19 lbs.
  - Battery backup (~4-6 hours)
  - Works with Precinct Atlas to print barcode for ballot style
    - Requires additional thermal printer
  - ~\$3500
- DS850 High Speed Scanner
  - 5<sup>th</sup> generation
  - Sorts ballots
  - Fastest high speed scanner in world
  - ~8000 ballots per hours depending on process
  - \$100k
- DS450 High Speed Scanner
  - Half the speed (~4000 per hour)
  - Half the price (~\$50k)
  - Sorts ballots



## Unisyn (Mark and Dustin) Henry Atkins out of Clinton, MO

- Henry Atkins is Scott County's current vendor
- Cover IA, MO, and KS
- Also service Diebold
- Parent company is ILTS (lottery and on-track wagering)
- Unisyn is based out of Vista, California
- Equipment is assembled in US
- 60+ Counties in IA have the Unisyn system
- Will give trade in value on old election equipment
- Will do Poll Election Official PEO training sessions on new equipment
- OVO Tabulator
  - Takes 3.5 to 4 minutes to boot up
  - Automatically prints O's report upon boot up
  - Thermal printers
  - No ribbons or ink
  - No battery backup on OVO
  - 3 memory devices
    - TM – transport media
    - 80 GB internal hard drive
    - Internal USB media
    - USB media has a 99% plus non-failure rate
  - 11" to 19" two sided ballot capable
  - ~\$4800
  - Takes image of every ballot
  - Recommended to be stored in ~40 to ~100 degrees
  - Can open scanner to clean (with alcohol)
  - 1 year warranty
  - Maintenance fixed for 10 years
  - Parts are guaranteed for 10 years after end of production
  - Currently been on the market for 3.5 years
- OVI – ADA
  - Also 3.5 to 4 minutes to boot up
  - Also, automatically prints O's report upon boot up (not a tabulator, but how many ballots were generated.)
  - Cannot over vote
  - Used for absentee voting in Story and other counties
  - Touch Screen
  - ~\$3400
  - Compatible with sip and puff
  - Thermal printer / roll paper

- OVCS – High Speed Scanner
  - Uses COTS scanner (Canon)
  - Any orientation ballot feed
  - Doesn't sort out ballots
  - Has to stop per lowa code for invalid and over vote ballots
  - 65 – 90 ballots scanned per minute depending on ballot/paper size (3900 -5400 per hour)
  - ~\$50k
  - Requires counting back through ballots to pull invalid, over vote, and etc. ballots (Yuck!)
  - Election summary reports are modeled after GEMS (very similar to what we have today.)

## **Bauer, Richard**

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**From:** Shannon, Richard <rshanno1@dhs.state.ia.us>  
**Sent:** Monday, August 22, 2016 3:39 PM  
**To:** Bauer, Richard  
**Subject:** Election Equipment Demos

Thanks to you Richard and Roxanna for the invitation to sit in on the equipment demonstrations. I concur with much of what has already been said and don't know that I have much to add. I will say though, that having used and trained voters with disabilities to use both the AutoMARK and the Unisyn OVI, most have expressed a strong preference for what they see as the easier to use and more intuitive AutoMARK. With that quickly becoming less of an option for voters the machine that appears to most closely compare to the functionality of the AutoMARK is the ES&S Express Vote. I continue to have concerns about equipment that generates a unique ballot that may threaten the privacy of a voter but trust this could be addressed by training that encourages the use of accessible equipment by voters with and without disabilities. Best of luck with your decision.

Rik

Rik Shannon  
Public Policy Manager  
Iowa Developmental Disabilities Council  
700 2nd Avenue, Suite 101  
Des Moines, Iowa 50309  
(O) 515-288-0443  
(C) 515-689-2870

For:

Ad Hoc Advisory Committee for Selection of Election  
Equipment in Scott County, IA

As a community member of the Ad Hoc Committee, I offer  
these comments and recommendations:

**Comments:**

Since the 2000 election, I have observed (not locally)  
irregularities, e.g. vote flipping, impossible vote totals,  
lost ballots, election results/exit polls discrepancies,  
etc. in every election, especially in the 2008 and 2012  
campaigns in which I was heavily involved.

I've also viewed a number of documentaries and read a  
number of books (see some sources below) on election and  
voter fraud that are very alarming. I believe it's beyond  
doubt that the fraud is rampant at the national level.

Even with vendor software available for review, there is no  
method to determine if the software used on election day is  
the software demonstrated. Douglas Jones confirmed this.

**Recommendations:**

1. Do not purchase any equipment that tabulates votes using  
software that by its nature is insecure, brecchable, error-  
prone and secretive.
2. Hand-count paper ballots in full view of anyone who  
wishes to observe. I realize the logistics challenges  
involved.
3. Lobby our state legislators to revise Iowa Code to allow  
the county commissioner of elections to perform election  
audits at their sole discretion (Chapter 50 - *Canvass of  
Votes*, Section 12 - *Return and Preservation of Ballots*  
allows "sealed packages containing voted ballots...be opened  
only for an official recount").

If electronic equipment is purchased:

4. Employ an impartial technical consultant to analyze the  
system and its software for errors and security risks.

5. Require the vendor to certify that the demonstrated software is the election day software; and that the equipment is not able to receive data from any source.
6. Any equipment that fails after certification must remain out-of service until repaired and re-certified.

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5. WALDMAN DELOZIER, Abbe & KARP, Vickie, *Hacked: High Tech Election Theft in America, 11 Experts Expose the Truth*.  
TX: Austin: Truth Enterprises Publishing, 2006.
6. RUBIN, Aviel, *The Dirty Little Secrets of Voting Systems Testing Labs*, May 2011.  
URL: <http://www.huffingtonpost.com/avi-rubin/the-dirty-little-secrets-b-12354.html>
7. RUBIN, Aviel, *All Your Devices Can Be Hacked*, TED Talk, Oct 2011.  
URL:  
[http://www.ted.com/talks/avi\\_rubin\\_all\\_your\\_devices\\_can\\_be\\_hacked](http://www.ted.com/talks/avi_rubin_all_your_devices_can_be_hacked)  
  
Aviel Rubin is a professor of computer science and director of the Health and Medical Security Lab at Johns Hopkins University. His research is focused on the security of electronic records, including medical and voting records.
8. CORRY, Charles, *Electronic voting - A national disgrace and evolving disaster*, Equal Justice Foundation newsletter, 10 Sep 2006.  
URL:  
[http://electiondefensealliance.org/2006/09/electronic\\_voting\\_a\\_national\\_disgrace\\_and\\_evolutionary\\_disaster](http://electiondefensealliance.org/2006/09/electronic_voting_a_national_disgrace_and_evolutionary_disaster)

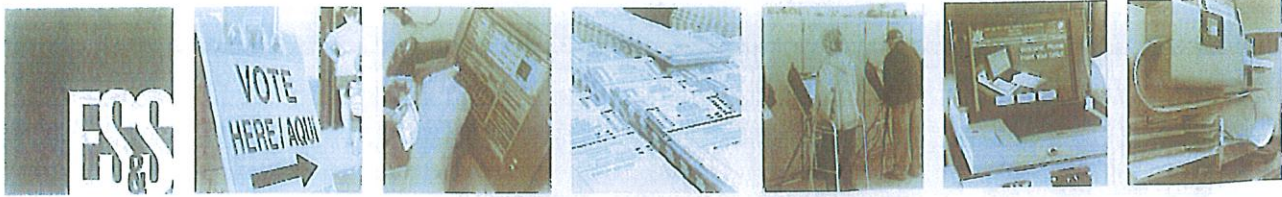
Michael C. Angelos  
Ad Hoc Committee  
Community Member

# Appendix IV

## Vendor Quotes

**ELECTION SYSTEMS UPDATE**

April 4, 2017



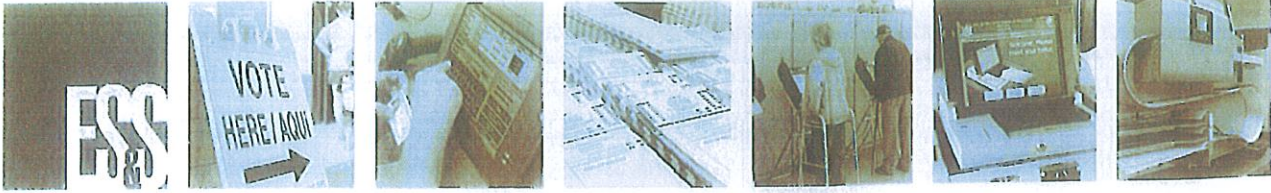
Scott County Iowa  
**Purchase Proposal Quote**  
 Submitted by Election Systems & Software

Purchase Solution Includes:

Quantity	Item Description	Price
<b>Tabulation Hardware</b>		
<b>Model DS200 Precinct Scanner:</b>		
68	Model DS200 (Includes Scanner, Plastic Ballot Box with Steel Door and e-Bin, Reverse Wound Paper Roll and 4GB Flash Drive)	\$391,000.00
68	Tote Bin	\$15,300.00
<b>Model DS850 High Speed Digital Image Scanner:</b>		
2	Model DS850 (Includes Scanner, Steel Table/Cart, Start-up Kit, Dust Cover, Reports Printer, Audit Printer, Battery Backup, Two (2) USB Cables, and Three (3) 8GB Flash Drives)	\$223,000.00
2	DS850 Initial Annual License Fee	Included
1	Installation/Training Fee (1st Unit)	\$3,500.00
1	Installation/Training Fee (Each Additional Unit)	\$1,000.00
<b>ExpressVote Ballot Marking Device:</b>		
68	ExpressVote BMD Terminal (Includes Terminal, Internal Backup Battery, ADA Keypad, Headphones, 4GB Flash Drive and Power Supply with AC Cord)	\$226,100.00
68	Soft-Sided Case	\$11,900.00
<b>Software</b>		
1	ElectionWare Software - Base Package - Reporting Only (ERM)	\$5,250.00
1	ElectionWareResults (Web-Based Hosted Software)-County Level (Previously called Election Night Reporting)	Included
<b>Election Services</b>		
1	Implementation Services (Does not include Coding, Voice Files or Ballots) 3rd Party Configuration and Installation - ES&S In-House	\$1,300.00
Training Services:		
2	Equipment Operations Training	Included
	Poll Worker Train-the-Trainer	Included
1	Software Training	Included
1	Election On-Site Support (One Event includes a person on-site the day before, day of, and day after election)	Included
X	Installation/Acceptance Testing	Included
X	1 Year Hardware and Software Warranty	Included
<b>Shipping &amp; Other</b>		
X	Shipping and Handling	\$9,160.00
X	Customer Discount	(\$143,690.00)
	Trade-In Allowance. Equipment Being Traded-In by Customer Includes:	(\$20,800.00)
	80-AccuVote OSX Scanner with Ballot Box	
	64-AutoMARK	
<b>Total Purchase Solution</b>		<b>\$723,020.00</b>

Lease/Purchase Payment Information:	Annual Payment
Annual Payment for the 3-Year Term (Total of 3 Payments). Initial Payment Due at Contract Execution.	\$241,006.67
Note: Annual payment amount reflects an interest rate of 0%	
<b>Total Dollar Amount if Paid in Full at Contract Execution</b>	<b>\$674,706.21</b>





Scott County Iowa  
**Purchase Proposal Quote**  
 Submitted by Election Systems & Software

Purchase Solution Includes:

Quantity	Item Description	Price
<b>Annual Post-Warranty License and Maintenance and Support Fees</b> (Fees are Based Upon a 4-Year Customer Commitment to Subscribe to the Following Services)		
<b>Annual Post-Warranty Hardware Maintenance and Support Fees:</b>		
68	HMA DS200 - Silver Coverage (Maintenance Once Every 24-Months)	\$8,500.00
2	HMA DS850 - Silver Coverage (Maintenance Once Every 24-Months)	\$5,050.00
68	HMA ExpressVote BMD - Silver Coverage (Maintenance Once Every 24-Months)	\$6,630.00
<b>Annual Post-Warranty Firmware License and Maintenance and Support Fees:</b>		
68	Firmware License - DS200	\$5,440.00
2	Firmware License - DS850	\$3,150.00
68	Firmware License - ExpressVote	\$4,420.00
<b>Annual Post-Warranty Software License and Maintenance and Support Fees:</b>		
1	ElectionWare Software - Base Package - Reporting Only (ERM)	\$5,250.00
1	ElectionWareResults (Web-Based Hosted Software)-County Level (Previously called Election Night Reporting)	Included
<b>Total Annual Post-Warranty License and Maintenance and Support Fees</b>		<b>\$38,440.00</b>

**Footnotes:**

1. This quote is an estimate and is subject to final review and approval by both ES&S and the Customer.
2. Rates valid for 60 days and thereafter may change.
3. Any applicable (City & State) sales taxes have not been included in pricing and are the responsibility of the customer.
4. The quantity of service days reflects a reasonable estimate for implementation and selected ongoing election services. Quantities may change depending on specific Customer needs.
5. Customer is responsible for preparing and packaging the trade-in equipment for shipment. ES&S will coordinate and pay for the pickup of the trade-in equipment from Customer's site on a date to be mutually agreed upon by the parties.





**Election Equipment Proposal Prepared For Scott County, Iowa**

**Proposal 2: Precinct/Polling Place Option 2**

Note: Prices subject to change. This quote is based on current equipment list pricing as of:

Date: August 19, 2016

DESCRIPTION	QTY	UNIT PRICE	EXTENSION
-------------	-----	------------	-----------

**Precinct Tabulation Hardware & Software**

**ImageCast® Precinct (ICP) Audio Tabulators\***

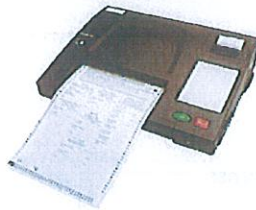
Each ICP Tabulator includes:

- Built-In 4 Hour Battery
- Built-In AuditMark & Dual Threshold Technology
- Built-In Write-In Ballot Separator
- Printer w/ Paper Roll
- iButton Key FOB (1 standard & 1 Technical)
- Two 4G Flash Memory Cards

ADA BMD - One Tactial ADA User Interface

ADA BMD - One InkJet Ballot Printer

Large Volume Discount:



68 \$3,900.00 \$265,200.00

1 (\$13,260.00)

**ICP Plastic Ballot Boxes: Standard**

Large Volume Discount:

63 \$1,000.00 \$63,000.00

1 (\$3,150.00)

**ImageCast® X (ICX) System ADA Touchscreen\***

ICX includes:

- Built-In 7 Hour Battery
- Touchscreen
- ADA System
- Printer
- Wheeled Carrying Case
- 10 Access Cards
- 1 Administrator Access Card
- 1 Poll Worker Access Card



68 \$3,100.00 \$210,800.00

(Not available until 2017 after it has been submitted to SOS)

Large Volume Discount: 1 (\$10,540.00)

**Election Management Software & Hardware**

**Results Tallying & Reporting Software (RTR) EMS with Computer Server Level 4**

EMS RTR Components/Peripherals

1 \$30,000.00 \$30,000.00

1 \$0.00 \$0.00

**Implementation Services**

**Equipment Acceptance Testing & Delivery\*\***

ImageCast® Precinct (ICP) Precinct Tabulators

ImageCast® X (ICX) ADA Touchscreen

Staff Democracy Suite RTR EMS Training\*\* (1 Day)

Staff Hardware Training\*\* (1 Day)

Pollworker Training\*\* (20 Students per Class)

EMS Computer Systems/Server Setup\*\*

68 \$160.00 \$10,880.00

68 \$160.00 \$10,880.00

1 \$0.00

1 \$0.00

3 \$0.00

1 \$0.00

**Election Support Services**

Phone & On-Line Technical Election Support (1 Year Included)

Phone & On-Line (EMS) Election Support (1 Year Included)

Technician in area on Election Day (First 2 Elections Included)

1 \$0.00

1 \$0.00

1 \$0.00



DESCRIPTION	QTY	UNIT PRICE	EXTENSION
<b>Trade-In Discounts</b>			
<i>AutoMark ADA Systems</i>			
<i>AccuVote OS Scanners</i>			
<b>Total</b>	1	\$21,000.00	(\$21,000.00)
<b>Total</b>			

<b>Total Initial Cost</b>	<b>\$542,810.00</b>
---------------------------	---------------------

\* **INCLUDES:** 12 Mo. Hardware Warranty & Software License  
 \*\* **INCLUDES:** Transportation, Meals & Lodging

<b>Ongoing Annual Fees</b>			
<i>Democracy Suite RTR License Per Year (after 1st year)</i>	1	\$5,000.00	\$5,000.00
<i>Democracy Suite RTR Phone and Internet Support (after 1st year)</i>	1	\$1,500.00	\$1,500.00
<b>Software Licenses - (after 1st year)</b>			
<i>ImageCast® X (ICX) ADA Touchscreen</i>	68	\$125.00	\$8,500.00
<b>Firmware Licenses - (after 1st year)</b>			
<i>ImageCast® Precinct (ICP) Precinct Voting Tabulators</i>	68	\$228.00	\$15,504.00
<b>Annual Maintenance Services (after 1st year)</b>			
<i>ImageCast® Precinct (ICP) Precinct Voting Tabulators</i>	68	\$225.00	\$15,300.00
<i>ImageCast® X (ICX) ADA Touchscreen</i>	68	\$210.00	\$14,280.00
<b>Total Ongoing Annual Fees</b>			<u>\$60,084.00</u>

Acceptance of Contract Signature \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_



**Election Equipment Proposal Prepared For Scott County, Iowa**

**Proposal 3: AV Option**

Note: Prices subject to change. This quote is based on current equipment list pricing as of:

Date: August 19, 2016

DESCRIPTION	QTY	UNIT PRICE	EXTENSION
-------------	-----	------------	-----------

**Precinct Tabulation Hardware & Software**

**ImageCast® Central Count System (ICC)\***

ICC includes:

- Cannon Scanner 1130 (Model Number Subject to Change)
- One I-Button Reader
- Computer with Software
- Central Count Tabulation Software System



**Back up ICC:** includes only the Cannon Scanner

2	\$25,000.00	\$50,000.00
1	\$7,820.00	\$7,820.00

**Implementation Services**

**Equipment Acceptance Testing & Delivery\*\***

- ImageCast® Central Count System (ICC)
- Staff Democracy Suite RTR EMS Training (1 Day)\*\*
- Staff Hardware Training (1 Day)\*\*
- Pollworker Training (20 Students per Class)\*\*
- EMS Computer Systems/Server Setup\*\*

3	\$160.00	\$480.00
1		\$0.00
1		\$0.00
1		\$0.00
1		\$0.00

**Election Support Services**

- Phone & On-Line Technical Election Support (1 Year Included)
- Phone & On-Line (EMS) Election Support (1 Year Included)
- Technician in area on Election Day (First 2 Elections Included)

1		\$0.00
1		\$0.00
1		\$0.00

**Total**

**Total Initial Cost \$58,300.00**

\* INCLUDES: 12 Mo. Hardware Warranty & Software/Firmware License

\*\* INCLUDES: Transportation, Meals & Lodging

**Ongoing Annual Fees**

**Software Licenses (after 1st year)**

- ImageCast® Central Count (ICC)
- Annual Maintenance Services (after 1st year)
- ImageCast® Central Count (ICC)
- Total Ongoing Annual Fees

2	\$2,575.00	\$5,150.00
3	\$1,500.00	\$4,500.00
		\$9,650.00

Acceptance of Contract Signature

Title

Date



PROPOSAL FOR:		SCOTT COUNTY, IOWA		
Date	August 5, 2016			
Registered Voters	124,350			
Precincts/Poll Centers	63			
WITH UPLOAD ONLY MODULES	BUDGETARY PROPOSAL	Unit/Hour	Retail Price	Contract Value
Description		Unit/Hour	Unit Price	Extended Price
<b>Hardware Products</b>				
OVO		68	\$ 4,790	\$ 325,720
OVO carry case		68	\$ -	\$ -
OVI VC		68	\$ 3,325	\$ 226,100
OVI VC carry case		68	\$ -	\$ -
OCS Installed Dell Latitude Laptop				
EMS system		1	\$ 2,250	\$ 2,250
OpenElect Central Scan (OVCS)		3	\$ 44,750	\$ 134,250
<b>TOTAL HARDWARE PRODUCTS</b>				<b>\$ 688,320</b>
<b>OpenElect OCS Software License</b>				
Tabulator Client (TC)		1	\$ 43,587	\$ 43,587
Tabulator				
Tabulator Reports (TR)				
<b>TOTAL SOFTWARE</b>				<b>\$ 43,587</b>
Freight Charges		139	77	\$ 10,703
<b>Subtotal</b>				<b>\$ 742,610</b>
<b>LESS: Trade allowance</b>				<b>\$ (44,146)</b>
<b>LESS: Loyalty Discount</b>				<b>\$ (82,773)</b>
<b>PROJECT - NET</b>				<b>\$ 615,691</b>
<b>Annual License Fees</b>				
<b>(After One Year Initial License Expires)</b>				
OCS License Fee		1	\$ 8,717	\$ 8,717
OVI VC license and firmware		68	\$ 45	\$ 3,060
OVO license and firmware		68	\$ 75	\$ 5,100
OVCS license and firmware		3	\$ 250	\$ 750
<b>TOTAL ANNUAL LICENSE FEES</b>				<b>\$ 17,627</b>
<b>Optional Warranty</b>				
<b>(After One Year warranty Expires)</b>				
OVO warranty		68	\$ 200	\$ 13,600
OVI VC warranty		68	\$ 155	\$ 10,540
OVCS		3	\$ 2,825	\$ 8,475
<b>TOTAL ANNUAL WARRANTY</b>				<b>\$ 32,615</b>

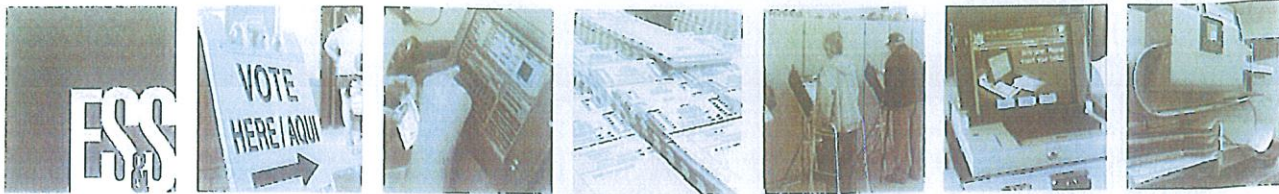
# Appendix V

Commended Vendor Quote with Backup Flash Drives

**ELECTION SYSTEMS UPDATE**

April 4, 2017



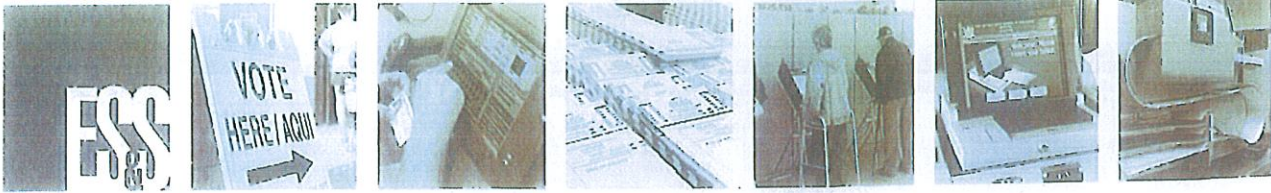


Scott County Iowa  
**Purchase Proposal Quote**  
 Submitted by Election Systems & Software

Purchase Solution Includes:

<u>Quantity</u>	<u>Item Description</u>	<u>Price</u>
<b>Tabulation Hardware</b>		
<b>Model DS200 Precinct Scanner:</b>		
68	Model DS200 (Includes Scanner, Plastic Ballot Box with Steel Door and e-Bin, Reverse Wound Paper Roll and 4GB Flash Drive)	\$391,000.00
68	Tote Bin	\$15,300.00
80	4GB Flash Drive (Additional)	\$8,400.00
<b>Model DS850 High Speed Digital Image Scanner:</b>		
2	Model DS850 (Includes Scanner, Steel Table/Cart, Start-up Kit, Dust Cover, Reports Printer, Audit Printer, Battery Backup, Two (2) USB Cables, and Three (3) 8GB Flash Drives)	\$223,000.00
2	DS850 Initial Annual License Fee	Included
1	Installation/Training Fee (1st Unit)	\$3,500.00
1	Installation/Training Fee (Each Additional Unit)	\$1,000.00
<b>ExpressVote Ballot Marking Device:</b>		
68	ExpressVote BMD Terminal (Includes Terminal, Internal Backup Battery, ADA Keypad, Headphones, 4GB Flash Drive and Power Supply with AC Cord)	\$226,100.00
68	Soft-Sided Case	\$11,900.00
<b>Software</b>		
1	ElectionWare Software - Base Package - Reporting Only (ERM)	\$5,250.00
1	ElectionWareResults (Web-Based Hosted Software)-County Level (Previously called Election Night Reporting)	Included
<b>Election Services</b>		
1	Implementation Services (Does not include Coding, Voice Files or Ballots) 3rd Party Configuration and Installation - ES&S In-House	\$1,300.00
Training Services:		
2	Equipment Operations Training	Included
	Poll Worker Train-the-Trainer	
1	Software Training	Included
1	Election On-Site Support (One Event includes a person on-site the day before, day of, and day after election)	Included
X	Installation/Acceptance Testing	Included
X	1 Year Hardware and Software Warranty	Included
<b>Shipping &amp; Other</b>		
X	Shipping and Handling	\$9,160.00
X	Customer Discount	(\$143,690.00)
	Trade-In Allowance. Equipment Being Traded-In by Customer Includes: 80-AccuVote OSX Scanner with Ballot Box 64-AutoMARK	(\$20,800.00)

<b>Total Dollar Amount if Paid in Full at Contract Execution</b>	<b>\$682,544.91</b>
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Scott County Iowa  
**Purchase Proposal Quote**  
 Submitted by Election Systems & Software

Purchase Solution Includes:

Quantity	Item Description	Price
<b>Annual Post-Warranty License and Maintenance and Support Fees</b> (Fees are Based Upon a 4-Year Customer Commitment to Subscribe to the Following Services)		
<b>Annual Post-Warranty Hardware Maintenance and Support Fees:</b>		
68	HMA DS200 - Silver Coverage (Maintenance Once Every 24-Months)	\$8,500.00
2	HMA DS850 - Silver Coverage (Maintenance Once Every 24-Months)	\$5,050.00
68	HMA ExpressVote BMD - Silver Coverage (Maintenance Once Every 24-Months)	\$6,630.00
<b>Annual Post-Warranty Firmware License and Maintenance and Support Fees:</b>		
68	Firmware License - DS200	\$5,440.00
2	Firmware License - DS850	\$3,150.00
68	Firmware License - ExpressVote	\$4,420.00
<b>Annual Post-Warranty Software License and Maintenance and Support Fees:</b>		
1	ElectionWare Software - Base Package - Reporting Only (ERM)	\$5,250.00
1	ElectionWareResults (Web-Based Hosted Software)-County Level (Previously called Election Night Reporting)	Included
<b>Total Annual Post-Warranty License and Maintenance and Support Fees</b>		<b>\$38,440.00</b>

**Footnotes:**

1. This quote is an estimate and is subject to final review and approval by both ES&S and the Customer.
2. Rates valid for 60 days and thereafter may change.
3. Any applicable (City & State) sales taxes have not been included in pricing and are the responsibility of the customer.
4. The quantity of service days reflects a reasonable estimate for implementation and selected ongoing election services. Quantities may change depending on specific Customer needs.
5. Customer is responsible for preparing and packaging the trade-in equipment for shipment. ES&S will coordinate and pay for the pickup of the trade-in equipment from Customer's site on a date to be mutually agreed upon by the parties.

THE COUNTY AUDITOR'S SIGNATURE CERTIFIES THAT  
THIS RESOLUTION HAS BEEN FORMALLY APPROVED BY  
THE BOARD OF SUPERVISORS ON \_\_\_\_\_.

DATE

\_\_\_\_\_  
SCOTT COUNTY AUDITOR

R E S O L U T I O N

SCOTT COUNTY BOARD OF SUPERVISORS

April 6, 2017

APPROVAL OF THE PURCHASE OF ELECTION EQUIPMENT BY THE SCOTT  
COUNTY AUDITOR'S OFFICE FROM ELECTION SYSTEMS AND SOFTWARE  
(ES&S) FOR A TOTAL EXPENDITURE OF \$682,544.91

BE IT RESOLVED by the Scott County Board of Supervisors  
as follows:

Section 1. The Scott Board of Supervisors hereby  
approves the purchase of election equipment by the Scott  
County Auditor's Office from Election Systems and Software  
(ES&S) for a total expenditure of \$682,544.91.

Section 2. This resolution shall take effect  
immediately.

**TIM LANE**  
**Scott County Sheriff**



**SHAWN ROTH**  
Chief Deputy Sheriff

**BRYCE SCHMIDT**  
Chief Deputy Sheriff

EMERGENCY 9-1-1  
(563) 326-8625  
(563) 326-8689 (FAX)

400 West 4<sup>th</sup> Street  
Davenport, Iowa 52801-1104

[www.scottcountyiowa.com/sheriff](http://www.scottcountyiowa.com/sheriff)  
[sheriff@scottcountyiowa.com](mailto:sheriff@scottcountyiowa.com)

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April 4, 2017

Memo To: County Administrator Mahesh Sharma

From: Sheriff Tim Lane

**REF: Apply for SCRA Grant for TEMS Equipment and Supplies**

The Sheriff's Office is asking for Board approval to apply to the Scott County Regional Authority (SCRA) for \$10,286 to cover the costs of Tactical Emergency Medical Support (TEMS) equipment and supplies. Currently 4 members of the Sheriff's Office are trained as paramedics as well as sworn deputies/reserve deputies. The benefit of the TEMS program to law enforcement is established as a standard of care for law enforcement special operations. TEMS is not intended as a replacement for EMS services, rather it is an operational medical element that complements these resources in order to promote the success and safety of the law enforcement mission. Deputies are often the initial responder to active violent incidents. The ability to control life-threatening hemorrhage, triage casualties, establish secure casualty collection points, and coordinate care with existing EMS responders are core law enforcement skills and all deputies should have the basic medical skills and equipment to save the lives of victims, bystanders, fellow police officers and suspects in the event they are wounded or need medical attention due to an emergency services team call out and/or catastrophic event.

The Sheriff's Office is absorbing the costs to outfit each of its 43 deputies with tactical medical kits as well as absorb all training expenses for all deputies and training for the 4 TEMS members through the Scott County Sheriff's Office operating budget.

THE COUNTY AUDITOR'S SIGNATURE CERTIFIES  
THAT THIS RESOLUTION HAS BEEN FORMALLY  
APPROVED BY THE BOARD OF SUPERVISORS ON  
\_\_\_\_\_  
DATE  
\_\_\_\_\_  
SCOTT COUNTY AUDITOR

R E S O L U T I O N

SCOTT COUNTY BOARD OF SUPERVISORS

April 6, 2017

APPROVAL OF THE grant request to the Scott County Regional Authority for the Tactical Emergency Medical Support (TEMS) equipment and supplies in the amount of \$10,286

BE IT RESOLVED BY the Scott County Board of Supervisors as follows:

- Section 1. That the submission for a grant request to the Scott County Regional Authority by the Sheriff's Office is hereby approved as presented.
- Section 2. That the Chair of the Board of Supervisors is hereby authorized to sign said contract.
- Section 3. This resolution shall take effect immediately.



**INFORMATION TECHNOLOGY**

400 West Fourth Street  
Davenport, Iowa 52801-1104

Ph: (563) 328-4100 Fax: (563) 326-8669  
www.scottcountyiowa.com



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March 28, 2017

To: Mahesh Sharma, County Administrator  
From: Matt Hirst, Information Technology Director  
Subject: IT Research and Advisory Membership

Scott County Information Technology has received a proposal for IT research and advisory membership services from InfoTech Research Group.

The proposal from InfoTech will provide Scott County IT one (1) year access to InfoTech IT research content and advisors.

The research and advisory membership from InfoTech includes:

- Guided technology implementations
- Technology purchase optimization
- Technology strategy and leadership best-practice toolkits
- Technology management and governance best-practice toolkits
- Vendor evaluations
- Applications and infrastructure best-practice toolkits.

It is recommended that the Board authorize the IT Director to sign a service agreement with the InfoTech Research Group as detailed in the attached proposal in the amount of \$12,000. Monies are available in the IT department budget to pay for this service.

Scott County IT has used technology advisory services for many years. Last year the service agreement with InfoTech Research Group cost \$10,335.

The proposal from InfoTech Research Group for these services is attached.

Enc. (1)

# **INFO-TECH Research Group**

**Matt Hirst  
Scott County, Iowa**

**Victor Uyguangco  
Director, Member Services  
vuyguangco@infotech.com  
1-888-670-8889 ext. 3056**

**March 28th 2017**

# Service Agreement with Info-Tech Research Group Inc.

Hi Matt Hirst,

On behalf of our entire team at Info-Tech Research Group, I am pleased to present this proposal of IT Research and Advisory services to you and your executive team at Scott County Iowa.

Info-Tech's IT Research and Advisory membership provides you with access to our powerful diagnostic tools and key research to help you systematically improve your IT department's performance.

To help you maximize the impact of your membership, we also provide an unmatched level of member service.

I welcome the opportunity to work with you and your IT executives at Scott County Iowa. Should you have questions at any time, please contact me directly at your convenience.

Sincerely,

Victor Uyguangco

Director, Member Services  
vuyguangco@infotech.com  
1-888-670-8889 ext. 3056

## Contact Information



**Vendor Name:**

Info-Tech Research Group Inc.



**Contact Person:**

Victor Uyguangco  
Director, Member Services



**Telephone:**

519-432-3550 Ext. 3056

888-670-8889 Ext. 3056



**Email:**

vuyguangco@infotech.com



**Mailing Address:**

602 Queens Avenue  
London, Ontario  
N6B 1Y8



**Secondary Address:**

888 Yonge Street  
Toronto, Ontario  
M4W 2J2



**Website:**

www.infotech.com



Service Start Date: July 21<sup>st</sup> 2017

Service End Date: July 21<sup>st</sup> 2018

Contact: Matt Hirst

Scott County Iowa

Membership	Quantity	1 Year Price
<u>Info-Tech Access Membership</u> - IT Management & Strategy - Training & Development - Project Execution Assistance	<u>Up to 10 Named Users</u> - 1 Advisory Seats - Unlimited Advisory Access - Up to 9 Reference Seats - Web Access	USD\$ 12,000

*\*Consulting and workshop engagements do not include travel and expenses, which will be charged in addition to the fees listed. Quoted in U.S. Dollars.*

Subject to applicable taxes. If your company is tax exempt, please provide a valid tax exemption certificate with the signed proposal. Terms of Use, are available at: <http://www.infotech.com/terms>. By signing this Service Agreement you agree to pay the fees set out herein annually for the term indicated above by the service start and end date,.

Invoice Schedule

**This proposal has a definite expiry date of July 21<sup>st</sup>, 2017**

1 Year Term

Please return this signed Service Agreement to Info-Tech by email [vuyguangco@infotech.com](mailto:vuyguangco@infotech.com) or fax (1-519-432-2506). Please include PO if required. Thank you for your business!

THE SIGNATURE BELOW AFFIRMS YOUR COMMITMENT TO PAY FOR THE SERVICES ORDERED IN ACCORDANCE WITH THE TERMS OF THIS SERVICE AGREEMENT AND YOUR AGREEMENT WITH THE TERMS OF USE.

Signature:\_\_\_\_\_

Title:\_\_\_\_\_

Name:\_\_\_\_\_

Signature Date:\_\_\_\_\_

## 1.0 Executive Summary

We are the world's fastest growing IT research and advisory company.

**Our Mission is to provide better research than anyone.**



## About Us

Info-Tech Research Group is the world's fastest growing information technology research and advisory company, proudly serving over 30,000 IT professionals.

We are, by far, the most innovative firm in the industry and we pride ourselves on providing better research than anyone.

Since 1997, we have been helping CIOs and their teams evolve from fire fighters to innovation champions.

We produce unbiased and highly relevant research & tools to help IT leaders make strategic, timely, and well-informed decisions that drive IT improvement.

We partner closely with IT teams to provide everything they need – from actionable tools to in-person analyst guidance – to deliver measurable results for their organizations.

## The Info-Tech Advantage

Our **Data-Driven Insight Program** enables IT organizations to objectively measure their performance, develop key initiative plans with role-based roadmaps, access our innovative research and industry experts, and systematically improve performance year over year.

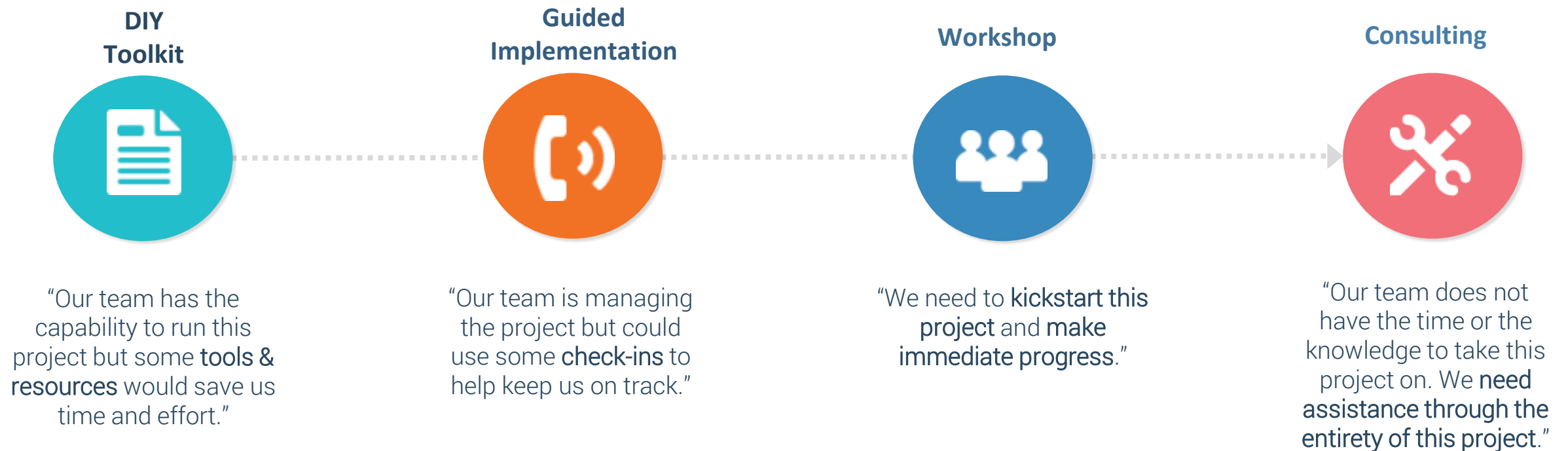
We move beyond reports, providing in-person experiences and expertise that drive **sustainable IT improvement**.

As the fastest growing and one of the top 10 largest IT research and advisory companies in the world, Info-Tech is well positioned to address your key IT strategic initiatives and provide state-of-the-art technical analysis on a variety of IT subjects.



# How We Deliver – We deliver the level of support that best suits your needs:

- **Do-it-yourself tools**, best-practice methodologies, and final deliverables
- **Guided implementations** to give you on-demand project support when it really matters
- Four to five-day **on-site workshops** for critical projects
- Longer-term **consulting** to provide assistance across the entire project



# A STEP BY STEP PROGRAM TO SYSTEMATICALLY IMPROVE IT PERFORMANCE

Objectively measure IT performance using our Data-Driven Insight Program.



# Emerging Trends & Predictions



**Mark Anderson**  
Info-Tech Research  
Fellow and CEO,  
Strategic News  
Service™

Info-Tech's **Predicting the Future** reports are written by Mark Anderson, founder and CEO of Strategic News Service™, the world's most reliable source of advanced information at the intersection of technology and the economy. Predicting the Future covers must-have information for strategy development and business technology planning from a global perspective.

Mark Anderson's predictive reports have an unmatched publicly graded prediction rate of over 94% and are actively followed by Bill Gates, Paul Jacobs, Michael Dell, and many other global industry leaders.

Predicting the Future provides you with need-to-know information that will position you as a forward thinker among industry peers.

Topics include:

- Cyber Security
- Software Quality
- Global Trends in Emerging Markets
- Special Reports on Amazon
- Internet of Things
- Science into Technology
- Technology and Genetics
- Healthcare Technology
- Big Data
- Sustainability & Energy



THE COUNTY AUDITOR'S SIGNATURE CERTIFIES  
THAT THIS RESOLUTION HAS BEEN FORMALLY  
APPROVED BY THE BOARD OF SUPERVISORS ON  
\_\_\_\_\_  
DATE  
\_\_\_\_\_  
SCOTT COUNTY AUDITOR

R E S O L U T I O N

SCOTT COUNTY BOARD OF SUPERVISORS

April 6, 2017

APPROVING IT RESEARCH AND ADVISORY MEMBERSHIP

BE IT RESOLVED BY the Scott County Board of Supervisors as follows:

- Section 1. The authority of the IT Director to sign a service agreement with InfoTech Research Group in the amount \$12,000 is hereby approved.
- Section 2. This resolution shall take effect immediately.

THE COUNTY AUDITOR'S SIGNATURE CERTIFIES  
THAT THIS RESOLUTION HAS BEEN FORMALLY  
APPROVED BY THE BOARD OF SUPERVISORS ON

\_\_\_\_\_  
DATE

\_\_\_\_\_  
SCOTT COUNTY AUDITOR

## R E S O L U T I O N

### SCOTT COUNTY BOARD OF SUPERVISORS

April 4, 2017

### RECOGNIZING APRIL 9-15, 2017 AS NATIONAL PUBLIC SAFETY TELECOMMUNICATOR'S WEEK

**WHEREAS**, emergencies can occur at any time requiring police, fire or emergency medical services; and

**WHEREAS**, when an emergency occurs the prompt response of law enforcement, firefighters and paramedics is critical to the protection of life and preservation of property; and

**WHEREAS**, the safety of our police officers, firefighters and paramedics is dependent upon the quality and accuracy of information obtained from citizens who telephone the Scott Emergency Communications Center (SECC); and

**WHEREAS**, public safety dispatchers are the first and most critical contact our citizens have with emergency services; and

**WHEREAS**, public safety dispatchers are the single vital link for our law enforcement and fire personnel by monitoring their activities by radio, providing them information and ensuring their safety; and

**WHEREAS**, public safety dispatchers of the Scott Emergency Communications Center (SECC) have contributed substantially to the apprehension of criminals, suppression of fires and treatment of patients; and

**WHEREAS**, SECC public safety dispatcher have exhibited compassion, understanding and professionalism during this past year;

**NOW, THEREFORE, BE IT RESOLVED** by the Scott County Board of Supervisors as follows:

- Section 1. That the Scott County Board of Supervisors does hereby proclaim the week of April 9-15, 2017, as "National Public-Safety Telecommunicator's Week";
- Section 2. That the Board of Supervisors joins in honoring the men and women whose diligence and professionalism keep our country and citizens safe;
- Section 3. This resolution shall take effect immediately.

THE COUNTY AUDITOR'S SIGNATURE CERTIFIES  
THAT THIS RESOLUTION HAS BEEN FORMALLY  
APPROVED BY THE BOARD OF SUPERVISORS ON

\_\_\_\_\_  
DATE

\_\_\_\_\_  
SCOTT COUNTY AUDITOR

R E S O L U T I O N

SCOTT COUNTY BOARD OF SUPERVISORS

April 6, 2017

APPROVAL OF THE APPOINTMENTS OF DAVE OBERBROECKLING TO THE  
AIRPORT ZONING COMMISSION

**BE IT RESOLVED BY** the Scott County Board of Supervisors as follows:

Section 1. That the appointment of Dave Oberbroeckling, Davenport, Iowa to the Airport Zoning Commission for a six (6) year term expiring on May 31, 2023 is hereby approved.

Section 2. This resolution shall take effect immediately.



THE COUNTY AUDITOR'S SIGNATURE CERTIFIES  
THAT THIS RESOLUTION HAS BEEN FORMALLY  
APPROVED BY THE BOARD OF SUPERVISORS ON  
\_\_\_\_\_  
DATE  
\_\_\_\_\_  
SCOTT COUNTY AUDITOR

R E S O L U T I O N

SCOTT COUNTY BOARD OF SUPERVISORS

April 6, 2017

APPROVAL OF THE APPOINTMENTS OF MARIA KOBELENSKE AND WAYNE KRAFT  
TO THE VETERAN AFFAIRS COMMISSION

**BE IT RESOLVED BY** the Scott County Board of Supervisors as follows:

Section 1. That the appointment of Maria Kobelenske and Wayne Kraft, to the Veteran Affairs Commission for a three (3) year term starting on June 1, 2017 expiring on May 31, 2020 is hereby approved.

Section 2. This resolution shall take effect immediately.