INDIANA ACCEPTANCE TEST FOR EPOLLBOOK

Version 1.1 Draft

1/17/2014

Voting System Technical Oversight Program

Bowen Center for Public Affairs

Ball State University

2000 University Ave.

Muncie, IN 47306

TABLE OF CONTENTS

INTRODUCTION

This Indiana Acceptance Test for ePollbook has been developed on the basis of the Indiana Electronic Poll Book (ePollBook) Certification Test Protocol approved by the Indiana Secretary of State on 31st Oct, 2013. It contains a test script for conducting an acceptance test of the ePollbook solution at the time of delivery. This acceptance test will focus primarily on the ability of the ePollbook to communicate with the Statewide Voter Registration System (SVRS) in downloading and uploading appropriate data.

The authorized county official(s) may want to inspect the ePollbook equipment to ensure there are no cracks or other physical damage.

EPOLLBOOK DETAILS

Vendor Name: _____

Product Name: _____

Product Version Number: _____

County Name: _____

SCOPE

This script is to be used for Acceptance Testing of the ePollbook solution named above. This script tests the ePollBook's ability to communicate with Indiana SVRS in accord with IC 3-11-8-10.3.

MATERIALS NEEDED

1 ePollbook client unit
1 Poll list server (PC/Laptop) which would communicate with SVRS
1 Digital signature capture device
1 Bar Code Reader
1 Valid Indiana driver's license
1 Valid Indiana issued ID

REPORT COMPLETION

- Complete and sign the acceptance test checklist at the end of this document for the ePollbook solution named above.
- Fill out two copies of both the Indiana Acceptance Test for ePollbook and Acceptance Test Checklist. The County keeps one copy and the other is sent to the Voting System Technical Oversight Program for final disposition.

EPOLLBOOK SOLUTION TEST SCRIPT

Steps	Action Description	Acceptance (Y/N)
1.	The vendor shall obtain an account from the county to use the SVRS Web Service Framework (WSF). The county election officials shall also assign Device ID to the ePollbook vendor. The DeviceID is for the central county server that communicates with SVRS.	
2.	The vendor shall request a control file for their ePollbook configuration by initiating the SVRSGetControlFile command and supplying their DeviceID. It should be verified that the ControlFile contents have been transmitted via the web service response object.	
3.	The vendor shall request from the SVRS system a poll list extract file by initiating the SVRSGetVoterInformation command and supplying their DeviceID. It should be verified that the SFTP credentials and the file name have been returned via the web service response object.	
4.	The Voter Information File shall be moved to the central county server and imported's epollbook database.	
5.	The vendor shall request voter signatures for download by initiating the SVRSGetVoterSignatures command and supplying their DeviceID. It should be verified that the FTP credentials and the index file's name has been returned via the web service response object. It should be verified that the signatures files for the county have been extracted from the SVRS system and saved to the designated SFTP server as compressed .TIF files. It should be verified that a signature index file has been created containing the location of each file along with applicable metadata information. It should be verified that the relevant signature files have been moved from the SFTP server to the central county server. It should be verified in step 12 below that the downloaded signatures are displayed on epollbook.	
6.	The vendor shall request from the SVRS system an absentee ballot extract file by initiating the SVRSGetAbsenteeBallots command and supplying their DeviceID. It should be verified that the SFTP credentials and the file's name have been returned via the web service response object. It should be verified that the absentee ballot information has been saved to the designated SFTP server as a CSV file. It should be verified that the absentee ballot has been moved from the SFTP server to the central county server and imported to the epollbook database.	
7.	The vendor shall configure the ePollbook solution to access the county server data.	

8.	The county officials shall set up the ePollbook client unit in accordance with vendor manuals. This will include the following:
	   a. Turning on and logging in.
	   b. Establishing communication with the county server.
	   c. Downloading data from the county database server.	

9.	The county officials shall set up the unit in election mode as described in the vendor manuals.	
10.	The county officials shall scan the valid driver's license available using the barcode scanner provided by the vendor. It should be confirmed that the matching record is accessed from the database by the client.	
11.	The county official shall scan an Indiana issued ID for a voter that has previously received an absentee ballot using the barcode scanner. It should be confirmed that the matching record is accessed from the database and show us that the voter has been issued an absentee ballot.	
12.	The county official shall enter the first and last name of the voter. It should be confirmed that the matching record is accessed from the database with the voter's stored signature. The county official shall compare a signature captured on a signature capture device to the signature downloaded from the database. The county official shall save the modified voter information to the server.	
13.	The vendor shall generate a CSV file containing absentee ballot voter information. The vendor shall upload the CSV file containing absentee ballot information to the SVRS system by initiating the SVRSPutAbsenteeBallots command and supplying their DeviceID and an optional count of records to be found in the file. It should be verified that the system responds to the request by supplying the location where the file should be placed and the filename that should be used. It should be verified that the information has been returned via the web service response object. It should be verified that the vendor has placed the CSV file in the proper location on the SFTP server.	
14.	The vendor shall generate a CSV file containing modifications to voter records. The vendor shall upload the CSV file containing modified voter information to the SVRS system by initiating the SVRSPutVoterInformation command and supplying their DeviceID and an optional count of records to be found in the file. It should be verified that the system responds to the request by supplying the credentials of the SFTP server, the location where the file should be placed and the filename that should be used. It should be verified that the information has been returned via the web service response object. It should be verified that the vendor has placed the CSV file in the proper location on the SFTP server.	
15.	The vendor shall upload a CSV file containing voter signature information and associated signature files obtained to the SVRS system by initiating the SVRSPutVoterSignatures command and supplying their DeviceID and an optional count of records to be found in the file. It should be verified that the system responds to the request by supplying the credentials of the SFTP server, the location where the files should be placed, and the filename that should be used for the index file. It should be verified that the information has been returned via the web service response object. It should be verified that the vendor has placed the index file and signature files in the proper location on the SFTP server.	

16.	The vendor shall upload a CSV file containing vote history information obtained to the SVRS system by initiating the SVRSPutVoteHistory command and supplying their DeviceID and an optional count of records to be found in the file. It should be verified that the system responds to the request by supplying the credentials for the SFTP server, the location where the file should be placed, and the filename that should be used. It should be verified that the information has been returned via the web service response object. It should be verified that the vendor has placed the file in the proper location on the SFTP server.	

All items above must pass with a Yes for Acceptance.

Outcome of Acceptance Test: ☐ **Accept** ☐ **Reject**

Date of Review _____

_____

(Title of Authorized County Official)

Signature _____

_____

Name of Authorized County Official