

Okaloosa Distance Balloting Pilot (ODBP)



www.OperationBRAVO.org

Outline

- What's the Problem?
- What's the Solution?
- Overview of Okaloosa Distance Balloting Pilot
- Results
- Operation BRAVO Foundation
- Contact Information

What's the Problem?

- There are an estimated 6 million overseas military and civilian voters
- 16.5% requested absentee ballot for 2006 election; only 1/3 returned and counted
- Ballots received too late for voters to return on time or not received at all
- Current process too slow and cumbersome

What's the Solution?

Make overseas voting process easier:

- Simplify procedures
- Replace mailed paper forms with electronic methods

Okaloosa Distance Balloting Pilot (ODBP)

Objective: Evaluate the effectiveness of remote voting kiosks to improve overseas voting access

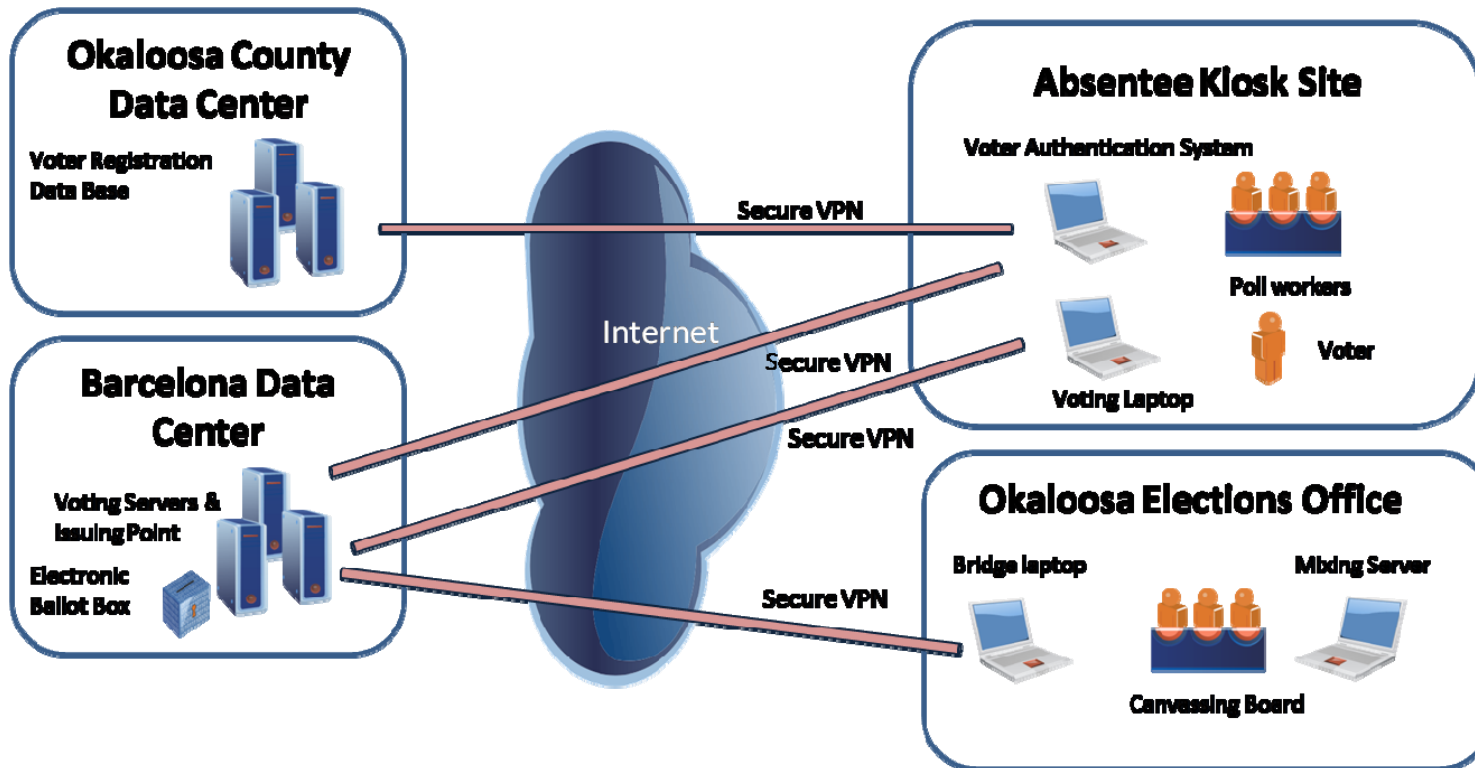
- Conducted by the Supervisor of Elections, Okaloosa County, Florida
- Authorized by Florida Administrative Rule 1S-2.030 Electronic Transmission of Absentee Ballots

ODBP Snapshot

- Voting kiosks staffed by election officials at three overseas distance balloting sites
- Kiosk sites operate for 10 day voting period
- Voter identity and eligibility verified by kiosk officials
- Voters cast ballots using secure laptops
- Encrypted voted ballots transmitted by Virtual Private Network to a secure server
- Okaloosa Canvassing Board validates, decrypts, and tabulates ballots

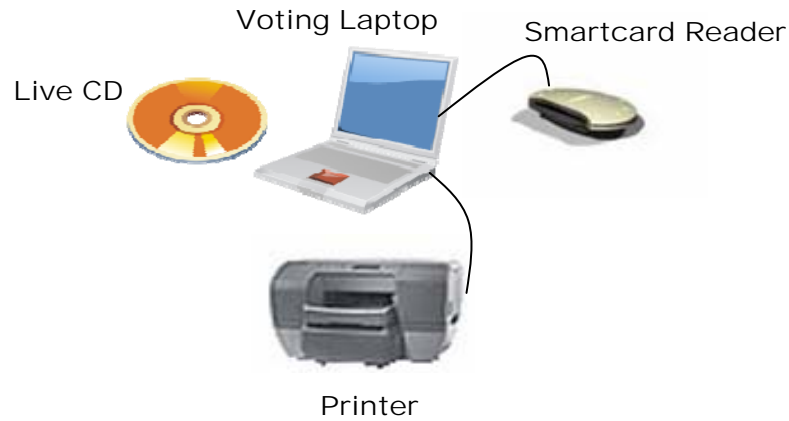
System Architecture

ODBP System Architecture

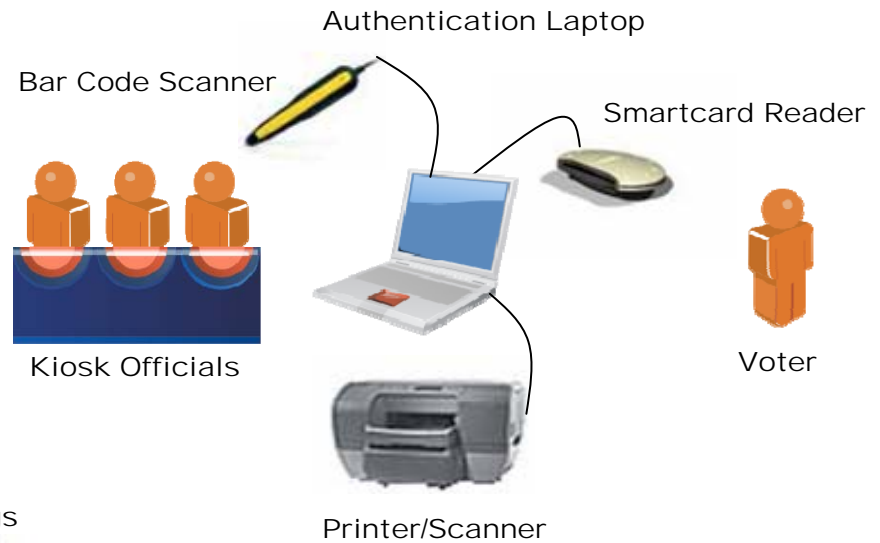


Absentee Voting Kiosk

Voting Station



Voter Authentication System



Specialized Bags



UK Kiosk



ODBP Security Features

- Ballot privacy
- Ballot integrity
- Voter verifiability
- Auditability

Protection against internal attacks

- Protection from Denial of Service
- Protection from malware attacks

} VPN, Voting Kiosks



Results

- Demonstrated effectiveness of a secure solution
- Can be scaled up for use by any county in Florida
- Easily adapted to support election practices in other states

Contact Information

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