

**Technical Guidelines Development Committee**  
**May 21-22, 2007, Plenary Meeting**

---

# Epollbooks: Ballot Activation With External Network Connectivity

May 21, 2007

John Wack  
Software Diagnostics  
And  
Conformance Testing Division

# Technical Guidelines Development Committee

## May 21-22, 2007, Plenary Meeting

---

### Draft VVSG Voting System Definition

#### **voting system:**

Equipment (including hardware, firmware, and software), materials, and documentation used to define elections and ballot styles, configure voting equipment, identify and validate voting equipment configurations, perform logic and accuracy tests, **activate ballots**, capture votes, count votes, reconcile ballots needing special treatment, generate reports, transmit election data, archive election data, and audit elections.

**The voting system in the VVSG cannot be connected to external networks, e.g., state voter registration databases.**

# Technical Guidelines Development Committee

## May 21-22, 2007, Plenary Meeting

---

### **Epollbooks and External Connectivity**

- At March 22-23 TGDC meeting, TGDC did not object to allowing epollbooks to activate the ballot while they are connected to external networks/databases at, e.g., precinct-less voting centers.
- STS has reconsidered this and now recommends that epollbooks not activate the ballot if connected externally.
  - Threats to security
  - Threats to reliability and integrity
- Various workarounds are possible so as to continue using epollbooks and not unduly affect voting centers

# Technical Guidelines Development Committee

## May 21-22, 2007, Plenary Meeting

---

Discussion