

## Draft IEEE PAR for a Standard for Electronic Pollbook Interchange Format

February 4, 2015

### Scope:

This standard defines a UML data model and a corresponding data interchange format, e.g., XML, for information created and processed by electronic pollbooks. The model associates individuals with corresponding polling place(s) and ballot style(s). It includes information such as voters' names and addresses, political party affiliation, eligibility, and other status and audit information that can be analyzed so as to show aspects of how an election was conducted. It includes structures necessary to record that a voter has participated in an election and information necessary for issuance of a ballot to a voter. The model also includes structures to facilitate data exchanges between electronic pollbooks and voter registration databases, and data between interconnected electronic pollbooks.

The scope does not include operational or security requirements for electronic pollbooks, other than digital signatures .

### Purpose:

This standard defines the data elements and attributes outlined in the scope and how the data is associated with other election data. It facilitates the import and export, in a common format, of the data outlined in the scope to support interoperability of an electronic pollbook with voting devices use in polling places and with voter registration databases.

### Need for the Project:

Electronic pollbooks are used increasingly at polling places to check-in voters, determine their appropriate ballot style, and record their participation in elections. Electronic pollbook interoperability with other voting devices and voter registration databases is required or desired by U.S. states. Interoperability is dependent on a common understanding of the data elements and attributes processed by electronic pollbooks and a common interchange format for the data elements.

### Stakeholders for this Standard:

Voters, election equipment and software developers, federally certified voting equipment testing labs, state and local election officials, election pollworkers, election observers and analysts, the U.S. Election Assistance Commission, and the general public.

### Individual Ballot

Initial Sponsor Ballot: 12/2015

Completion Date: 6/2016

Number of people actively involved in development of standard: 15

Copyright permissions needed: No

Registration Activity: No

Other standards or projects with similar scope: No

Joint development: No

Potential Adoption: EAC isn't an option, maybe say no?

Harmonization: No

Longer term need for testing and/or certification services: Yes

Testing methodologies: No

Additional Explanatory Notes: None