

# Technical Guidelines Development Committee

## April 20, 2005 Plenary Meeting

---

*Guidelines!*  
~~Standards~~ architecture

# Technical Guidelines Development Committee

## April 20, 2005 Plenary Meeting

---

### What it is not

- Not a regulation
  - **Standard:** Document established by consensus and approved by a recognized body that provides, for common and repeated use, rules, guidelines or characteristics for activities or their results, aimed at the achievement of the optimum degree of order in a given context. (Glossary v2.4)
- Not a standard architecture

# Technical Guidelines Development Committee

## April 20, 2005 Plenary Meeting

---

### What it is

- Architecture of the standard
- Conformance clause
- Normative language
- Compliance points
- Profiles
- Implementation statements

# Technical Guidelines Development Committee

## April 20, 2005 Plenary Meeting

---

### Why it is

- TGDC Resolution #24-05, “Conformance clause;” #25-05, “Precise and Testable Requirements”
- Prerequisite for precision and testability
- Application of best practices

# Technical Guidelines Development Committee

## April 20, 2005 Plenary Meeting

---

### Where it is

- Still evolving
- Discussion in draft VVSG2 Sec. 4.2.1.1.2.2
- Conformance clause (w/ normative language)
- Compliance points in new and revised texts
- Profiles (see errata)
- Will gain complete, normative definition in conformance clause of VVSG2

# Technical Guidelines Development Committee

## April 20, 2005 Plenary Meeting

---

### Profiles

- Formalized profiles for equipment classes (DRE, marksense, etc.) and central vs. precinct count
- Added profiles for supported voting variations and optional functions
- Types of independent verification

# Technical Guidelines Development Committee

## April 20, 2005 Plenary Meeting

---

Example from Principle 2.4, accumulate, count, and report (see errata)

- Requirements from 2002 VSS extricated from one another, made separate compliance points
- General requirements clarified by sub-requirements that are profile-specific
- Confusing, overlapping requirements refactored (esp. reporting)

# Technical Guidelines Development Committee

## April 20, 2005 Plenary Meeting

---

### Before:

- The TDP accompanying the system shall specifically identify which of the following items *can* and *cannot* be supported by the system, as well as *how* the system can implement the items supported: ... Open primaries ... (2002 VSS I.2.2.8.2)
- Recognizing variations in system design and the technologies employed by different vendors, the ITAs shall design test procedures that account for such variations and reflect the system-specific functional capabilities in Volume I, Section 2. (2002 VSS II.3.2.1)



# Technical Guidelines Development Committee

## April 20, 2005 Plenary Meeting

---

### After:

- (For systems claiming conformance to the *Open primaries* and *DRE* profiles) In an open primary on a DRE system, the voter shall be allowed to choose a party affiliation at the time of voting and vote the appropriate ballot form in privacy (i.e., the choice of affiliation shall be private as well as the ballot). (Errata, A1.5, FR4.1.4.2.1)

# Technical Guidelines Development Committee

## April 20, 2005 Plenary Meeting

---

### Issues

- Organization of compliance points subject to change
- Conflicting requirements on organization
- Identification, referencing and indexing of compliance points complicate document production
- Endless opportunities for sub-requirements

# Technical Guidelines Development Committee

## April 20, 2005 Plenary Meeting

---

### Non-issues

- Configuration management of standard — qualification is to a specific version; states decide which versions are acceptable
- Conformance levels — as of 2006, priority is raising the minimum level

# Technical Guidelines Development Committee

## April 20, 2005 Plenary Meeting

---

# Discussion