



Voting System Standards

[FEC HOME](#) > [AGENDAS](#) > [12/13/2001 AGENDA](#) > [AGENDA DOCUMENTS 01-62 and 01-62a](#)

This document is part of Agenda Document Number 01-62a on the agenda for consideration at the December 13, 2001, meeting of the Federal Election Commission.

[Insert the following paragraphs in the *Overview* document after Section 5- Software Testing on page 13, and before the Conclusion on page 14.]

Section 6 - System Level Integration Testing: This section contains a description of the testing conducted by the ITAs to confirm the proper functioning of the fully integrated components of a voting system submitted for qualification testing. It describes the scope and basis for integration testing, testing of internal and external system interfaces, testing of security capabilities, testing of accessibility features, and the configuration audits, including the evaluation of claims made in the system documentation.

System-level qualification tests address the integrated operation of hardware, software and telecommunications capabilities (where applicable) to assess the system's response to a range of both normal and abnormal conditions in an attempt to compromise the system.

Section 7 - Examination of Vendor Practices for Configuration Management and Quality Assurance: This section contains a description of examinations conducted by the ITAs to evaluate the extent to which vendors meet the requirements for configuration management and quality assurance. It describes the scope and basis for the examinations and the general sequence of the examinations. It also provides guidance on the substantive focus of the examinations.

In reviewing configuration management practices, the ITAs examine the vendor's:

- configuration management policy;
- configuration identification policy;
- baseline, promotion and demotion procedures;
- configuration control procedures;
- release process and procedures; and
- configuration audit procedures.

In reviewing quality assurance practices, the ITAs examine the vendor's:

- quality assurance policy;
- parts and materials tests and examinations;
- quality conformance plans, procedures and inspection results; and
- voting system documentation.