



U.S. Election Assistance Commission

**Standards Board Meeting June 17th, 2021
Testing & Certification Topics**



VVSG Lifecycle Policy

Lifecycle Policy – Core Elements



- Release by Fall 2021, to coincide with implementation of VVSG 2.0
- Will provide guidance on
 - Deprecation of obsolete standards
 - VVSG update cadence
 - Versioning of future standards

VVSG Standard Deprecation



- Currently, existing VVSG 1.0 certified systems may be modified without significant bounds
- New systems must be submitted against VVSG 1.1, which has not happened since its adoption
- It's critical to move to VVSG 2.0 without stranding users of VVSG 1.0 certified systems

VVSG Standard Deprecation Options



- Allow modifications to currently certified systems indefinitely with a narrowed definition of what is allowed in a modification
- Allow modifications to currently certified systems indefinitely with no changes to the definition of a modification
- Deprecate obsolete standards approximately 12 months after certification of the first voting system to VVSG 2.0
- Deprecate obsolete standards approximately 24 months after at least one VSTL is accredited to test against VVSG 2.0

VVSG Update Cadence



- Regular updates to the VVSG are essential for the standard to be agile and responsive
- Small number of changes per update
- Program manuals will not necessarily follow the same cadence

VVSG Update Cadence



- Updates during this regular cycle may include RFIs, NOCs, errata, as well as requirements
- EAC proposes an update cycle of 18 or 24 months

VVSG Configuration Management



- Frequent updates to VVSG may have significant implications
- Feedback on which of the following versioning schemas allow states the greatest flexibility:
 - Utilizing a minor version: VVSG 2.0, 2.1, 2.2, etc.
 - Utilizing a revision: VVSG 2.0 revision 1, revision 2, etc.
- When backwards compatibility cannot be maintained, the version will be updated to VVSG 3.0



Testing & Certification v3.0 Manual Enhancements

Program Manual v3.0 Enhancements



- Component testing pilot program
- Penetration testing as part of the test readiness review
 - Phase I - pre-testing assessment
 - Phase II – penetration test by VSTL

Manual Changes Coming Soon – v3.1



The Testing & Certification manual will be updated to version 3.1 soon to add the following:

- Essential patent claims disclosure
- Ownership disclosures
 - Requirement to disclose reduced from 51% to 25% ownership
 - Both direct and indirect ownership is now specified
- RFI and NOC incorporation

Manual Changes Coming Soon - v3.1



- Additions to manufacturer agreements
 - Supply chain risk management strategy
 - Information regarding security testing performed outside EAC program
 - Cooperation with EAC inquiries, requests for information, and requests to attend official meetings and hearings

Manual Changes Coming Soon - v3.1



- Additions to manufacturer agreements cont'd
 - Report all fielded voting systems, not just EAC certified
 - Participate in monitoring program established by the EAC during elections
 - Shall not convey EAC registration constitutes endorsement



Questions?


Where to Find EAC Information



 Email
listen@eac.gov

 Facebook
[Facebook.com/eacgov1](https://www.facebook.com/eacgov1)

 Twitter
[@EACgov](https://twitter.com/EACgov)

 YouTube Channel
Election Assistance
Commission

 Website
www.eac.gov

 [us.eac](https://www.instagram.com/us.eac)