



*U.S. ELECTION ASSISTANCE COMMISSION
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Major Updates of the Voluntary Voting System Guidelines 2.0

On February 10, 2021 the U.S. Election Assistance Commission adopted the Voluntary Voting System Guidelines (VVSG) 2.0. The major updates included in the VVSG 2.0 are the following:

- **Improved cybersecurity requirements to secure voting and election management systems associated with the administration of elections.**
 - Software independence
 - Requires systems to be air-gapped from other networks and disallows the use of wireless technologies
 - Physical security
 - Multi-factor authentication
 - System integrity
 - Data protection
- **Interoperability**
 - Ensures devices are capable of importing and exporting data in common data formats
 - Requires manufacturers to provide complete specifications of how the format is implemented
 - Requires that encoded data uses a publicly available method
- **Improved accessibility requirements to enhance the voting experience for voters with disabilities:**
 - VVSG 2.0 allows for systems where all voters can vote privately and independently throughout the voting process:
 - Marking
 - Verifying
 - Casting
 - Language access throughout the process
 - Improved documentation requirements for accessibility testing
 - Voter privacy features
 - Accessibility requirements derived from federal laws
- **Other Changes**
 - Ballot secrecy
 - Improved auditability
 - User-centered design
 - Reorganized to simplify usage and focus on functional requirements
- **Manuals**
 - Penetration testing
 - Component testing pilot program

[Additional information and the full text of the VVSG 2.0 can be found on the EAC's website.](#)