The next big issue in election administration in the U.S. will revolve around technology: voting equipment, electronic poll books, election management systems, and other hardware and software designed to serve voters and election administrators.

The bipartisan Presidential Commission on Election Administration (PCEA) named “addressing the impending crisis in voting technology” as a key recommendation in its final 2014 report. The recommendation is based on the fact that existing voting equipment, much of it deployed in the years immediately following the 2000 election, is reaching the end of its useful life.

Many states and jurisdictions purchased the machines that they are currently using with federal funds provided by the Help America Vote Act (HAVA) of 2002. Federal funds will most likely not be available in the near future, so states may find themselves needing to play a role in the next round of voting equipment purchases.

NCSL maintains resources on this subject. Links to our most popular resources are below. If you don't see what you need, please ask if we have additional materials we can offer.

50-State Resources
- Elections Technology Toolkit
- Funding Elections Technology
- Online Voter Registration
- Automatic Voter Registration
- Electronic Poll Books
- Electronic Transmission of Ballots
- Maintaining Accurate Voter Registration Rolls
- Voting Equipment
- Voting System Standards, Testing and Certification
- Post-Election Audits
- Elections Costs: What States Pay
- Election Security: State Policies
- State Statutes Prohibiting Tampering With Voting Systems
- Voting System Paper Trail Requirements

NCSL Articles
- State Legislatures Magazine articles:
  - Aye for Modernizing Voting
  - Voting: What's Next?
- Articles in NCSL's elections newsletter, The Canvass:
  - Remote Ballot Marking: Risks and Rewards
  - Federal Funds and Difficult Decisions
  - Cybersecurity for Elections: Everyone’s Responsibility
  - Common Data Formats: What's in Them for Legislators?
Election Security: A Priority for Everyone
Security and Elections: What Legislators Need to Know
Uniformity in Voting Systems: Looking at the Crazy Quilt of Election Technology
Post Election Audits Help States Confirm Election Results
Election Funding for 2020 and Beyond
Elections Technology: Nine Things Legislators May Want to Know
Burning Questions at NCSL's Policy and Elections Technology Conference
Internet Voting - Not Ready for Prime Time?
Internet Voting: Creeping Our Way?
All About E-Poll Books
Voting Technology: Current and Future Choices
Voting Technology Standards: What Legislators Need to Know

Video Interviews
- Merle King from Kennesaw State University’s Center for Election Systems on Election Technology
- Pam Smith from Verified Voting on Post-Election Audits
- Josh Benaloh from Microsoft Research on Internet Voting

NCSL Projects and Meetings
- Elections Security: States Teaming Up: regional meetings to convene lawmakers focused on election policy, as well as chief election officials and national elections security experts. Together, these groups will identify policy options to strengthen elections practices.
- Elections 2020: Policy, Funding and the Future: explores the legislative role in selecting elections technology appropriate to each state's needs, potential state and local funding options, and the web of responsibilities relating to elections technology. Supported with a generous grant from the Democracy Fund.
- The Future of Elections: Technology Policy and Funding Conference: agenda and resources, including powerpoints and handouts from this conference in Williamsburg, Va. in June 2017. Part of the Elections 2020 Project funded by the Democracy Fund.
- The Elections Technology Project: connects legislators who serve on election committees, legislative staff who deal with elections policy, and state and local election officials to explore technology’s role in running efficient elections. Project funded by the MacArthur Foundation.
- Policy and Elections Technology: A Legislative Perspective Conference: agenda and resources, including powerpoints and handouts. Part of the Elections Technology Project funded by the MacArthur Foundation.

NCSL Blogs
- States Taking Election Cybersecurity Seriously
- Preparing States for the Real Possibility of an Election Cyberattack
- States, Feds and Election Security
- Rural Western States Team Up for Election Security
- The Cost of Security at the Ballot Box
- State Efforts on Elections Cybersecurity Never Went Away
- Defending Democracy Against Cybersecurity Attacks in Five Easy Steps
- Cybersecurity Recommendations (For When You're Wearing Your Campaigner's Hat)
- Hackers Infiltrate Election Tech in Rapid Time
- Election Technology Funds News From The States
- Election Security: What States Can Do
- Innovations in Election Technology
- Election Modernization is a Collaborative Effort
Many Are Critical of DHS Designation of Elections as Critical Infrastructure
How to Characterize the 2016 Election? Start with a Russian Novel
Legislative Choices on Audits, Recounts and More
Denver Elections: A Mile High and Smooth Sailing
Extra! Too Much Good Stuff for One 'Canvass'
Questioning Election Security? Try These Questions
Then and Now: Growth of Online Voter Registration
U.S. Voting Map Still a Quilt - But Not Quite So Crazy
Spring Cleaning Your Voter Lists
Nebraska Election Tech Committee Meets to Consider Options
Latest Trends in Elections: Technology
Peripheral Systems Part of Elections Conversation
Elections Technology Mantra: Collaborate
Are Your State's Voting Machines Developing Aches and Pains?
Report: U.S. Voting Machines Old, Outdated
Checking Out State Election 'Laboratories'
Denver a Leader in 'What's Next' Voting Technology
There's an Elections App for That!
Vegas: Where State-of-the-Art Elections Are a Sure Bet
Security Concerns Still a Drag on Internet Voting
Wisconsin Elections: Decentralized Down to the Village Level
Elections Technology Cliffnotes
Minnesota's Election System Gets High Marks
An Up-Close Look at Arkansas Elections
Field Trip to Texas to See How Elections Are Run