WISCONSIN ELECTIONS COMMISSION

WisVote Technology Standards   Updated July 23, 2018

As of the summer of 2018, the WisVote User Agreement requires users to only access WisVote using systems that are updated and supported by their manufacturer. However, since the current state of technology is continuously moving, the WisVote User Agreement does not make any effort to define what specific systems do or do not qualify, nor does it make any recommendations on what systems to use. Instead, that information will be captured in this document, which will be regularly revisited. The Wisconsin Elections Commission intends only to identify systems known to staff to be either in or out of compliance, and does not intend for this to be a complete listing of systems, nor should this document be taken to indicate endorsement for any particular product.

1. **Terms Used**
   a. **Emerging** – Applications that are coming or will be supported for an exceptionally long time. If purchasing new systems or applications, these are the versions for which to look.
   b. **Current** – These are the current standard version. Systems running these versions do not require any changes at this time.
   c. **Transitional** – Versions that are still supported at this time, but are nearing the end of their support lifetime soon. It is time to consider upgrading or replacing these systems.
   d. **Legacy** – Versions that are no longer supported. Systems running these versions do not meet the security standards required to access WisVote and should be upgraded or replaced as soon as practicable.

2. **Operating Systems**
   a. **Microsoft Windows**
      i. Emerging – Windows 10. Microsoft has announced that for the foreseeable future they intend to release continuous feature updates to Windows 10 instead of developing new operating systems. Windows 10 users should keep their systems updated with the latest patches, but otherwise should not expect to migrate in the next few years.
      ii. Current – Windows 10.
      iii. Transitional – Windows 8.1, support ending January 10, 2023.
            Windows 7 Service Pack 1, support ending January 14, 2020.
      iv. Legacy – Windows Vista, Windows XP, and earlier.
   b. **Apple macOS**
      i. Emerging – macOS 10.14 "Mojave", scheduled for release Fall 2018.
      ii. Current – macOS 10.13 "High Sierra."
      iii. Transitional – macOS 10.12 "Sierra", macOS 10.11 "El Capitan". Apple does not release End of Life information, but based on past trends security support for El Capitan can be expected to end in 2018, and for Sierra in 2019.
      iv. Legacy – macOS 10.10 "Yosemite" and earlier.

3. **Browsers**
    a. **Edge**
    b. **Internet Explorer**
        i.   Emerging – Select another browser. Microsoft has announced that IE 11 will continue to receive support for the foreseeable future, but it will receive no new feature updates and users are encouraged to plan on migrating to Edge or another browser.
        ii. Current – IE 11.
        iii. Transitional – None. IE 11 is the only supported version of IE.
        iv. Legacy – IE 10 and earlier.
    c. **Chrome**
        i.   Google Chrome has a continuous release paradigm and is updated frequently, with a new version released every one to two months. For this reason, the only "supported" version of Chrome is the most recent version. As of early July 2018, the current version is 67, with a new version set to release later in the month.
    d. **Firefox**
        i.   Like Google Chrome, Firefox has a continuous release paradigm with a new version released every two months. As of early July 2018, the current version is Firefox 61, with a new version set to release later in the month.
4. **Office Productivity Software**
    a. **Microsoft Office**
        i.   Emerging – Microsoft has adopted a new continuous release paradigm for their Office products, now called Office 365, which falls under their Modern Lifecycle Policy. This policy covers products and services that are serviced and supported continuously and for the foreseeable future.
        ii. Current – Office 2016 / Office 365.
        iii. Transitional – Office 2013 Service Pack 1, support ending April 11, 2023
                     Office 2010 Service Pack 2, support ending October 13, 2020.
        iv. Legacy – Office 2007 support ended in 2017.