

Security: Open Source Security Podcast, Screwed Drivers, and Voting Machines

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- [Open Source Security Podcast: Episode 157 - Backdoors and snake oil in our cryptography](#) [2]

Josh and Kurt talk about snakeoil cryptography at Black Hat and the new backdoored cryptography fight. Both of these problems will be with us for a very long time. These are fights worth fighting because it's the right thing to do.

- [Screwed Drivers ? Signed, Sealed, Delivered](#) [3]

Our analysis found that the problem of insecure drivers is widespread, affecting more than 40 drivers from at least 20 different vendors ? including every major BIOS vendor, as well as hardware vendors like ASUS, Toshiba, NVIDIA, and Huawei. However, the widespread nature of these vulnerabilities highlights a more fundamental issue ? all the vulnerable drivers we discovered have been certified by Microsoft. Since the presence of a vulnerable driver on a device can provide a user (or attacker) with improperly elevated privileges, we have engaged Microsoft to support solutions to better protect against this class of vulnerabilities, such as blacklisting known bad drivers.

- [Most states still aren't set to audit paper ballots in 2020](#) [4]

Despite some progress on voting security since 2016, most states in the US aren't set to require an audit of paper ballots in the November 2020 election, according to a new report out this week from the Brennan Center for Justice.

The report notes that experts and government officials have spent years recommending states adopt verifiable paper ballots for elections, but a handful still use electronic methods potentially vulnerable to cyberattacks. In 2016, 14 states used paperless machines, although the number today is 11, and the report estimates that no more than eight will use them in the 2020 election.

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[1] <http://www.tuxmachines.org/taxonomy/term/59>

[2] <http://www.opensourcesecuritypodcast.com/2019/08/episode-157-backdoors-and-snake-oil-in.html>

[3] <https://eclipsium.com/2019/08/10/screwed-drivers-signed-sealed-delivered/>

[4] <https://www.theverge.com/2019/8/18/20806947/paper-ballots-voting-security-audits-november-2020-election-votes>