



# Security Newsletter

September 2019

## Security Vulnerabilities – Windows Drivers

Phoenix is an industry-leading provider of secure UEFI firmware solutions for computing device manufacturers. Phoenix works closely with semiconductor chip manufacturers and operating system vendors, including Intel, AMD, and Microsoft, to help provide the most secure firmware available for computing devices.

In May 2019, Phoenix was contacted by researchers from Eclysium about a security concern regarding our WinFlash and WinFlash32 drivers. Upon investigation, we found that some of the interfaces could be used in unintended ways, as described in the Eclysium report. Phoenix began reworking the drivers to remove those interfaces.

In late June 2019, Phoenix made available to its customers the updated drivers signed with new certificates. In addition, we advised customers that prior certificates for these drivers would be revoked in early August.

The researchers from Eclysium publicly disclosed their findings at the DEF CON 27 event.

### ACKNOWLEDGEMENTS

Phoenix would like to thank Mickey Shkatov and Jesse Michael from Eclysium for reporting this issue and working with us on a coordinated disclosure.

While no software can be guaranteed to be bug free, Phoenix makes every effort to monitor and discover emerging computing device security vulnerabilities and work with industry partners and security researchers to quickly deliver solutions to help keep computing devices secure.