**Cambium Networks Security Vulnerability**
2021-1 FragAttacks

**Last Update: 14 May 2021**

**Summary**
On May 11, the [Wi-Fi Alliance publicly released information about multiple vulnerabilities in Wi-Fi devices, called FragAttacks](). The suite of vulnerabilities is an industry wide problem affecting Wi-Fi access points and client devices based on the 802.11 standard.

**Potential Products Affected**
Different products are vulnerable to varying degrees; however, the following products include 802.11 based technology.

- Fixed Wireless Broadband
  - All ePMP access points
  - All ePMP subscriber modules
  - 60 GHz cnWave Distribution Node (DN) and Client Node (CN) modules
  - PTP 550 and PTP 550e
- Wi-Fi
  - All indoor Wi-Fi access points from Cambium and Xirrus
  - All outdoor Wi-Fi access points from Cambium and Xirrus
  - All residential Wi-Fi routers

**What actions should network operators take**
All network operators are encouraged to continue to follow best practices:
- Update client devices and access points to the latest software version available
- Continue to train employees to recognize and avoid phishing attacks
- Use https protocol to access the internet
- Update antivirus and antimalware software

**What actions Cambium Networks is taking**
We are working with industry associations and Wi-Fi component suppliers to implement a fix to the issue. Cambium Networks will continue to provide updates as more information becomes available.

When the fix is available, all Cambium Partners and customers will be able to access the latest software from the cloud infrastructure by selecting the latest firmware and pushing it to all devices. Operators who use on-premises management will be able to download the latest firmware with the fix from the support site. Please check the [support site]() and the [Cambium Community]() for updates.

**More information**
Additional information is available from the Industry Consortium for Advancement of Security on the Internet (ICASI) at [https://www.icasi.org/aggregation-fragmentation-attacks-against-wifi/](https://www.icasi.org/aggregation-fragmentation-attacks-against-wifi/) .