



## You control your data

We and our business partners use technologies, including cookies, to collect information about you for various purposes, including:

Anders Kusk (/tech-blog?author=5e21c687c8ae141b3ef5aa77)

- 1. Functional
- 2 Statistica

This blog highestopougs and observations found in the WiFi-extender Askey AP4000W during an Improsec "Nerd Day". Found bugs are reported to the vendor according to the house the purpose of the purpose of the purpose of the purpose you consent to by ticking the checkbox with TDC. next to the purpose and clicking "Save settings".

TIMELINE: You may withdraw your consent at any time by clicking the small icon at the bottom left corner of the website.

- The vulnerability สเกีย สโรกรหลานอากุล อะี่สีเกาะสายานิคาสายานิค
- The vulnerability and observations were disclosed to TDC on 27th of September 2019, as we knew they had customers running the product. TDC agreed to contact hardware vendor on behalf of Improsec, collaborate on getting it fixed, and getting customers updated.
- Decline ALL
   During December 2019 TDC tested a new firmware from Askey for these
- Show details
   Askey closed the insecure FTP-server 17th of December 2019, but we found it to be online again by 2nd of January 2020.
- Insecure firmware FTP-server confirmed to have been secured on the 3rd of February 2020.

## CVE REGISTERED:

 CVE: CVE-2020-8614 (https://cve.mitre.org/cgi-bin/cvename.cgi? name=CVE-2020-8614)

## PATH TO DISCOVERY

Connecting to and scanning the device with NMAP showed the following open ports.

```
Nmap scan report for 192.168.1.151
Host is up (6.02)s latency).
Not shown 65532 closed ports
PORT STATE SERVICE VERSION
23/tcp open telnet NdSitte-SM8/Sveasoft Alchemy firmware telnetd
80/tcp open telnet principle of the state of the state
```

When doing an NMAP service scan, the service running on port 54188 crashed and a reboot was required to bring it back up. A telnet daemon was also seen on port 23, however, no valid passwords were found for the typical users(root/admin/busybox) in the documentation.

Viewing the circuit board showed no visible UART or JTAG interfaces, but reading