Support Bulletin BEC18-05
VPNFilter Malware

BEC Technologies, Inc. is aware of a piece of malware called VPNFilter that is targeting networking devices worldwide, mainly consumer-grade internet routers.   Devices compromised by VPNFilter may be vulnerable to the collection of network traffic (including website credentials), with a destructive capability that can make the affected device unusable.

1. Description

According to our understanding of the blog from Cisco's Talos, the known devices affected by the VPNFilter are Linksys, MikroTik, Netgear, TP-Link and QNAP network-attached storage (NAS) devices. Talos believes that the versatile code is designed to serve as a multipurpose spy tool, and also creates a network of hijacked routers that serve as unwitting VPNs, potentially hiding the attackers' origin as they carry out other malicious activities. Perhaps most disturbingly, they note the tool also has a destructive feature that would allow the hackers behind it to immediately corrupt the firmware of the entire collection of hacked routers, essentially bricking them.

Click the link to read more about VPNFilter: https://blog.talosintelligence.com/2018/05/VPNFilter.html

2. Affected Hardware/Firmware versions

None, BEC's portfolio of xDSL and LTE devices are not infected by VPNFilter.

3. Recommended Actions

To protect against this possible malware, we strongly advise all customers to take the following steps:

- Make sure that you are running the latest firmware on your BEC router.
- Make sure that you have changed your default admin password. Select a secure password that consists of at least a minimum 8-digits with capitalization, punctuation, and numbers.
- Enable and set access control rules to restrict access to unauthorized users.
- Make sure that remote management is turned off on your router or select non-standard ports.

4. Additional Information

If you have questions or comments regarding this notice, please contact your local BEC Technologies, Inc. Sales Account or Technical representative via email at support@bectechnologies.net or phone at (972)-422-0877.