

# Heavily invested in cybersecurity visibility solutions?

Choosing the Physical Layer 1 as a data source will provide full visibility where traffic solutions fail.

## 5 IMPORTANT FACTS WHY PHYSICAL LAYER VISIBILITY IS PARAMOUNT

### OSI MODEL - GAPS



#### WHAT YOU SEE IS NOT WHAT YOU GET

Traffic based visibility solutions (NAC, IDS, IoT, security scanners) have blind spots. Unmanaged switches, passive taps, and out-of-band devices all fly under the traffic radar. Spoofed devices can mimic approved devices fooling traffic-based solutions. If you can't see everything you can't protect everything.



#### SMART DEVICES MAKE SMART ATTACK TOOLS

IoT devices with their use of MAB (MAC Authentication Bypass) are your "soft underbelly", implementing 802.1x and then setting up exceptions for non-802.1x compliant devices (i.e., IP cameras, printers etc.) punches a huge hole in your security defenses, expect attackers to find these holes soon enough.



#### YOUR LACK OF VISIBILITY IS AN ATTACKERS GAIN

Cybercrime syndicates and state sponsored activities are fully aware of Fact #1 and focus their efforts in exploiting these blind spots (either through passive implants or spoofing legitimate devices).

If it sounds like a cat, feels like a cat and meows like a cat, it could still be a Raspberry Pi spoofing a legitimate cat.



#### LESS IS NOT ALWAYS MORE

Adding Physical Layer 1 visibility to your existing security stack provides full visibility of all network/peripheral devices. HAC-1 can easily integrate with you NAC, EPS, SIEM, SOAR putting them to better use as well as fit into your current security operational workflow.



#### WHAT WE SEE OTHERS DON'T

Sepio's HAC-1 Zero Trust Hardware Access solution strengthens your cybersecurity posture.

HAC-1 provides required visibility down to the Physical Layer going deeper and lower where other traffic-based visibility solutions can't. HAC-1 doesn't rely on what the device traffic is saying, we VALIDATE using Physical Layer 1 information. Trust and Verify!



Looking for different ways to tackle cybersecurity challenges?

Use Physical Layer 1 data to reclaim your asset visibility & Control



Visit us at [www.sepio.systems](http://www.sepio.systems) to learn more about the importance of Physical layer visibility.