

About me...

- Engineer, "In cyber" since 1991.
- Lead cyber operations, unit 8200.
- Founded the 1st IoT security.
- Founded the 1st automotive security.
- CEO and co-founder of Sepio since 2016.
- Israeli, Lives in MD, Husband & Dad...



The state

Brian Proctor · 2nd
OT Cybersecurity Enthusias...
1w

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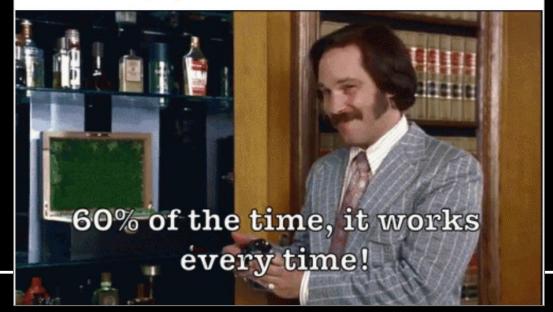
Them: "We have a mature OT security program"

- 1. The ever-las
- 2. How much y
- 3. Relevancy n

Me: "Awesome, tell me about it. What have you done?"

Them: "We have 40% visibility in 15% of our locations"

Me: Thinking 🖣



ecurity puzzle. cted devices? sed.

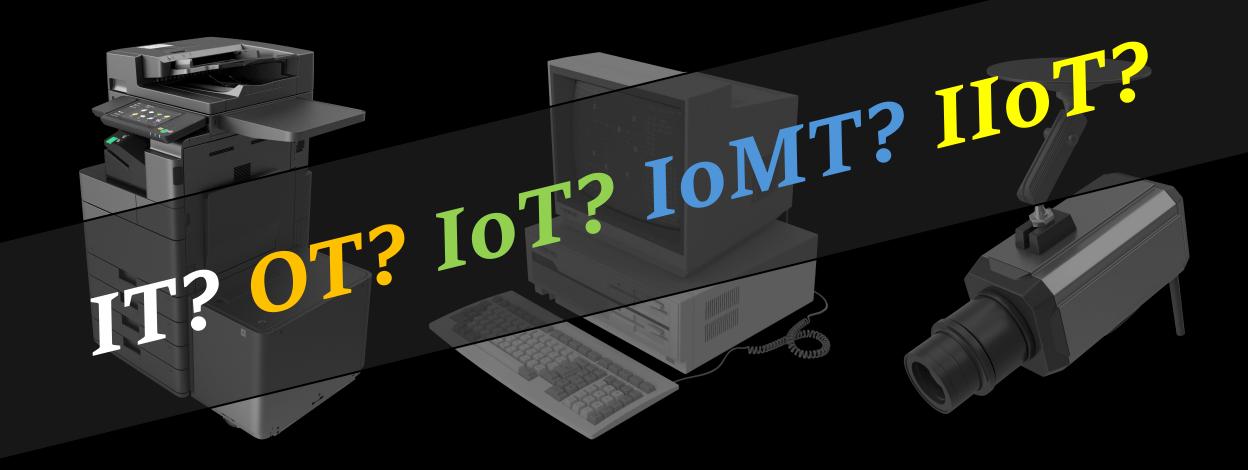


Plenty of security solutions and yet...

- 1. What devices do I have?
- 2. What is the is?
- 3. Where are these devices?
 4. Passive traffic monitoring cractive discovery?
- 5. Segmented networks? On-prein/directions6. Converged networks? Privacy concerns



What are these?

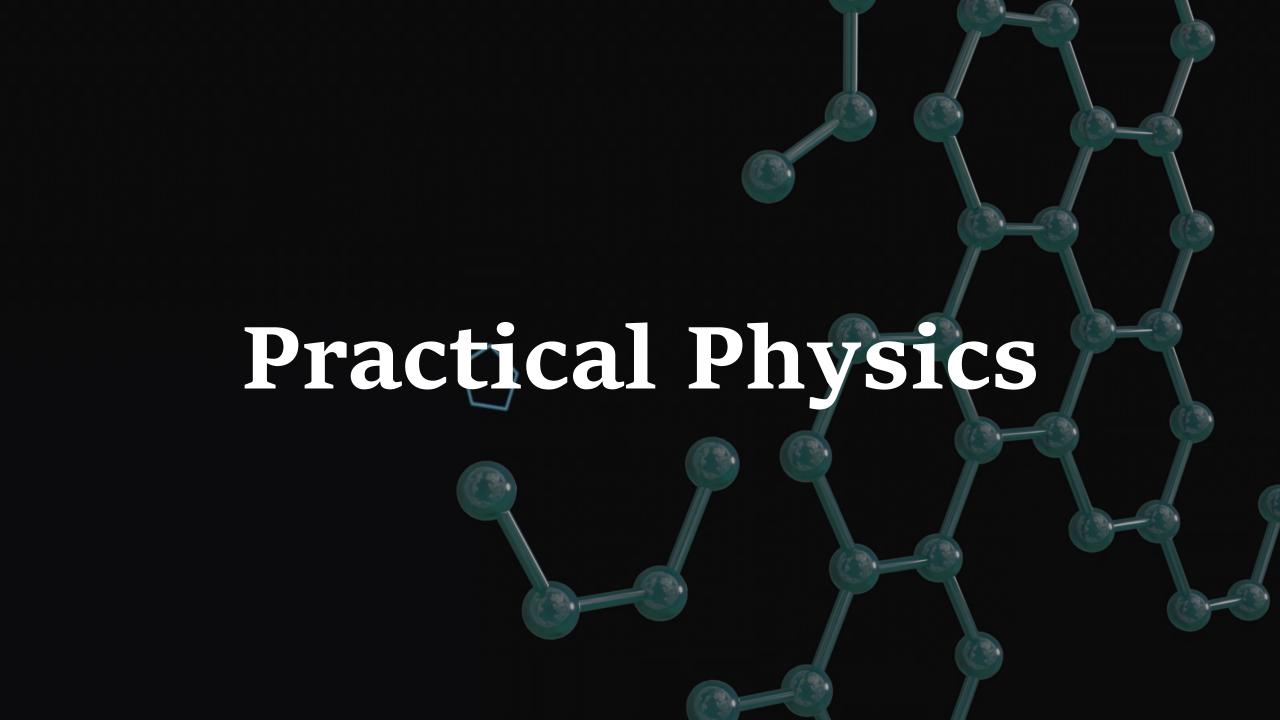




And what about these?

Spoofed devices?
Man-In-The-Middle attacks?
Dormant devices?
Hardware implants?
Vulnerable devices (exploits)?





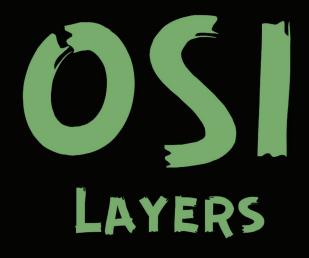
The hard (but correct) way

- 1. Focus on connectivity and not on activity.
- 2. Fully passive and based on non-privilege the Ladata.

 3. A new single source of truth.
- 3. A new single source of truth 121
 4. Detects advanced attack scharios.
 5. Quick arg (13) to Deploy.



Asset DNA



APPLICATION

PRESENTATION

SESSION

TRANSPORT Protocol distribution

NETWORK IP Address

DATA LINK

MAC Address, VLANs, DP,
Packet Distribution, PoE...

PHYSICAL Voltage, Current, Slope,

Impedance, Jitter, Noise Level...



Harvesting DNA

- Utilizing existing hardware.
- Cleaning electrical noise.
- Building a global data lake.



Harnessing AI

Smarter, Intuitive, Expert...

- Predicting device connectivity and behavior.
- Autopiloting policies and actions.
- Auto-generating views and reports.
- A layer of what "makes sense or not".



Thank you.



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