



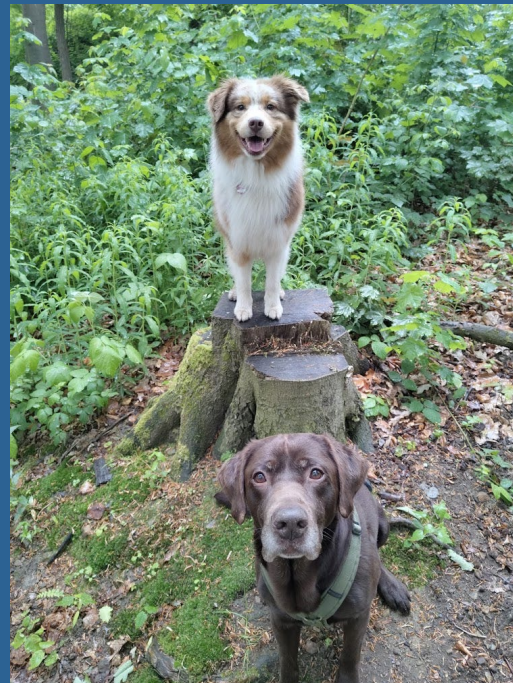
# Techorama

ALL-STAR SPORTS EDITION

Rethink Traditional PAW

# THE PERSON BEHIND THE SCARF

- **Tim Stock | @ti\_stock**
  - Senior Solution Architect @semperis
  - ex-MSFT
  - azurehero.de
- **Cloud Native**
- **Fun staff:**
  - 2 dogs
  - Drone pilot



**IMPLEMENTED...**

**SEPARATE ADMIN ACCOUNT**

**IMPLEMENTED...**

# **TIERING MODEL**



**IMPLEMENTED...**

**PAW**

# THE MENU OF TODAY...

- What is a PAW?
  - Reason for a PAW
  - Principals of a PAW
    - Clean Source, Clean Keyboard
- Modern PAW
  - Windows 365
  - Microsoft SSE Privat/Internet Access
  - Conditional Access
  - One or Multiple Tenants

# WHAT IS A PAW

## End-to-end Protection For Privileged Sessions



## Role Recommendation

For privileged access role



## Device

Physical device initiating sess

## Profile Summary



## Account

with access to resources



## Intermediary

## Remote Access / Admin Broker



## Interface

## Controlling resource access

## Session



## Security

ity for highest  
and accounts

ions

### Access on (PAW)

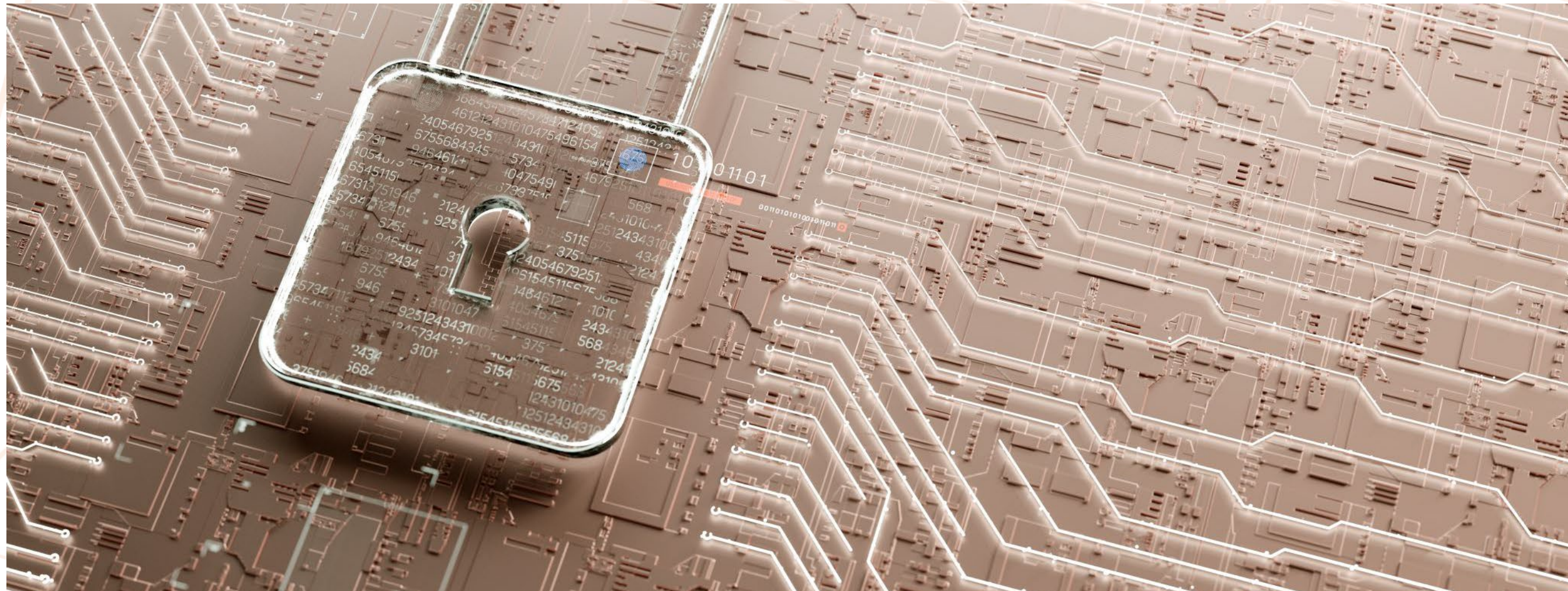
## attack surface

### Security Plus...

- productivity apps)
- browsing

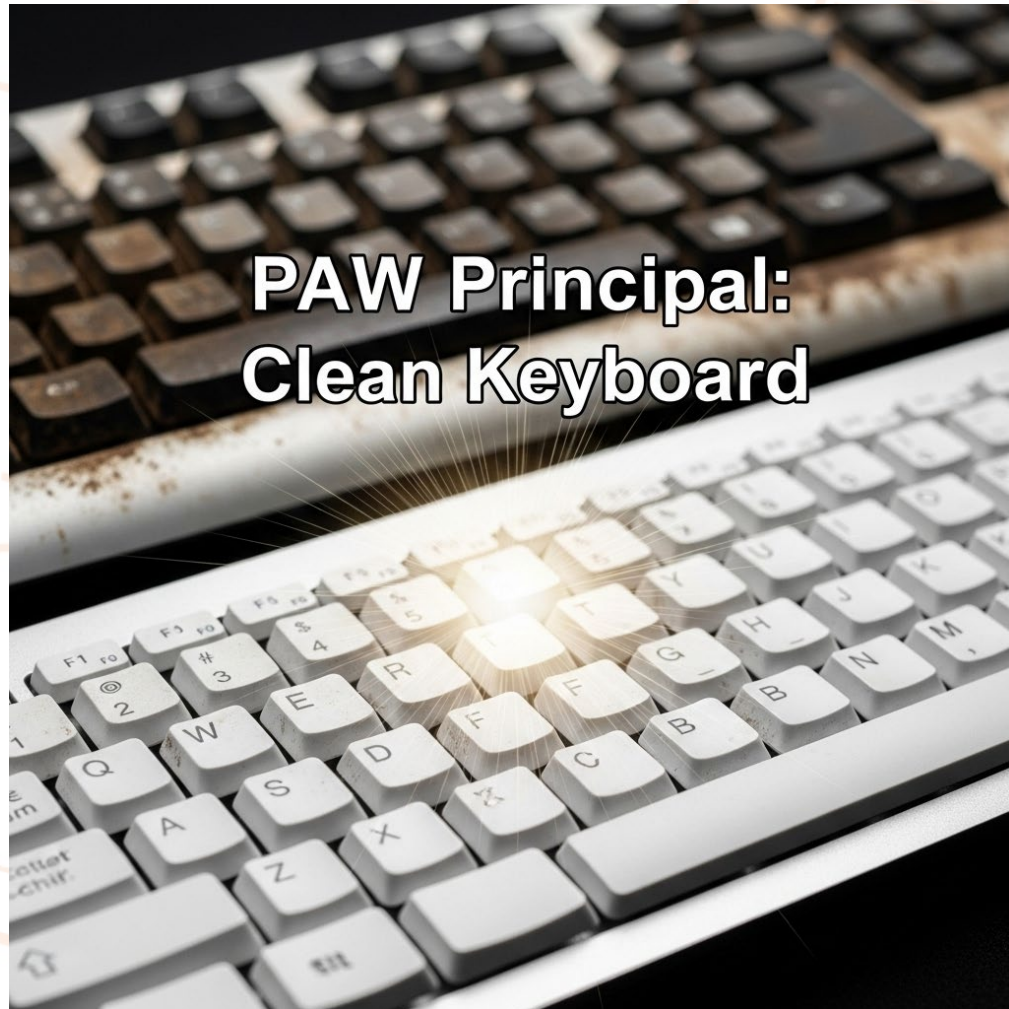


# SECURE EVERYTHING

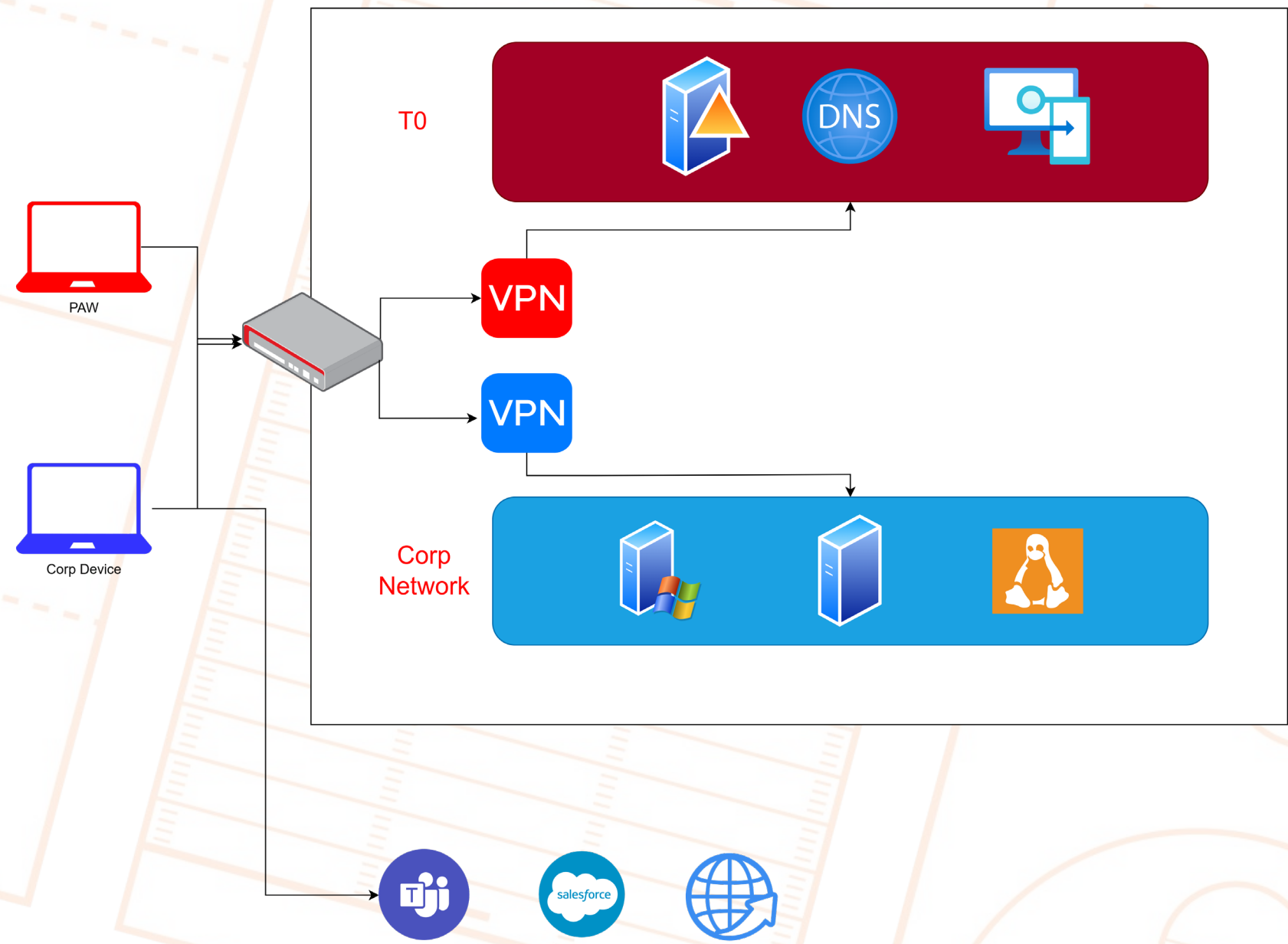




# CLEAN EVERYTHINK...



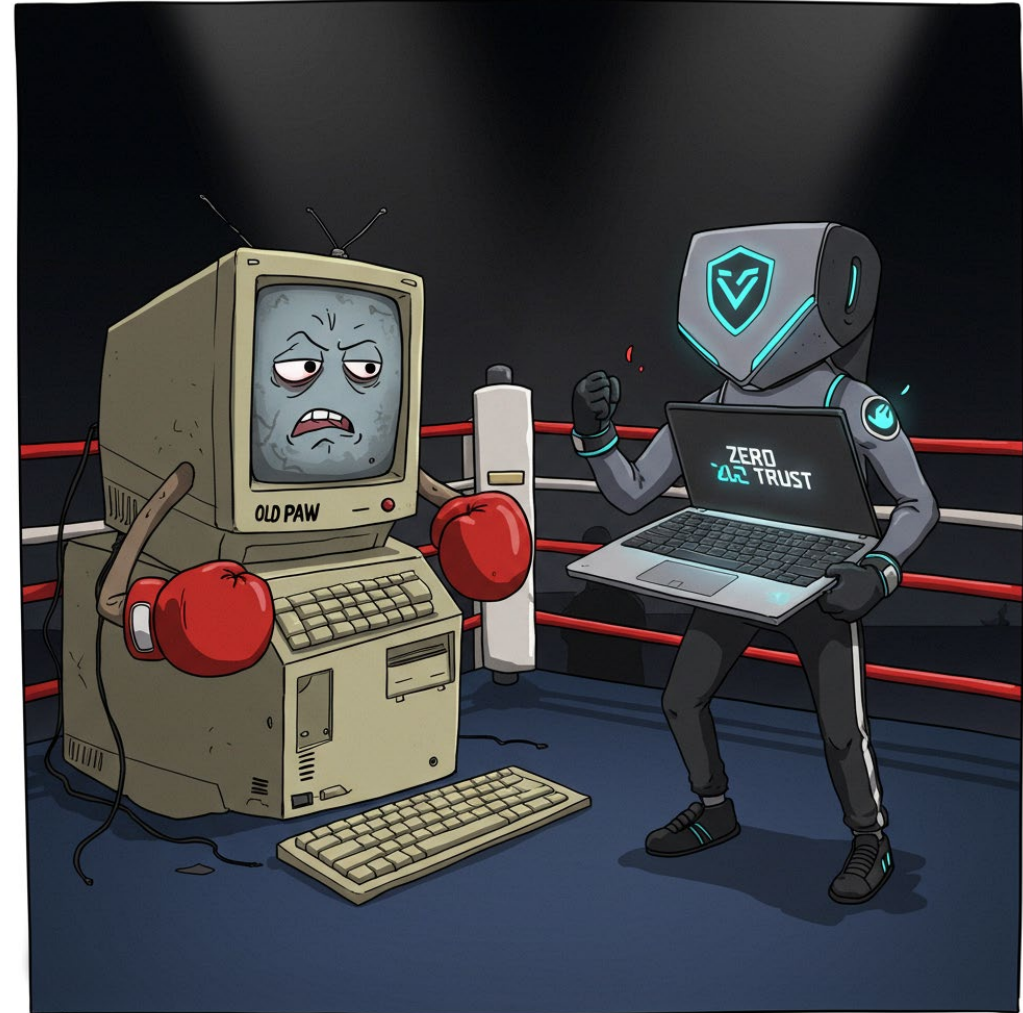
# ARCHITECTURE

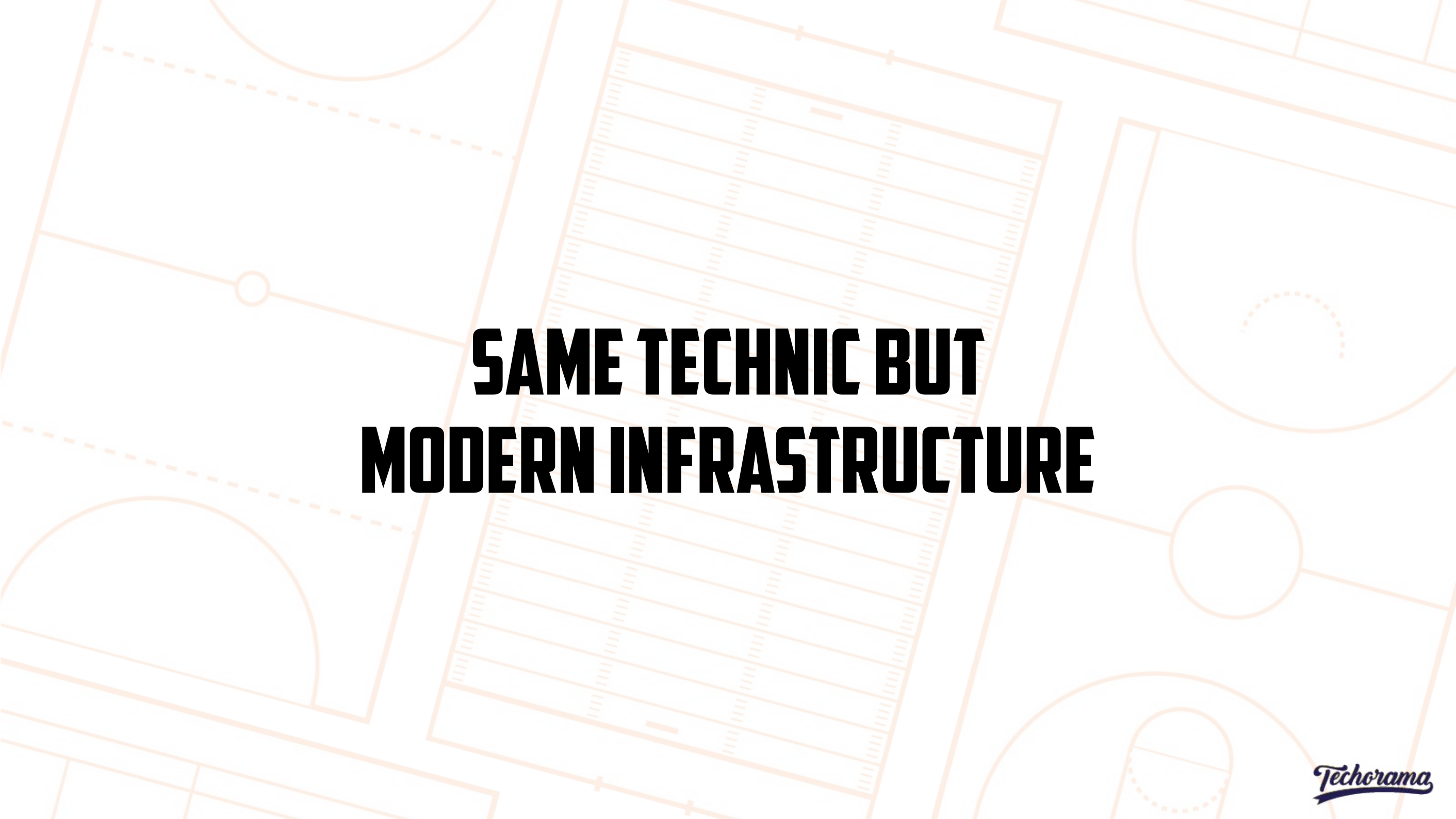




# WHY CHANGE IT?

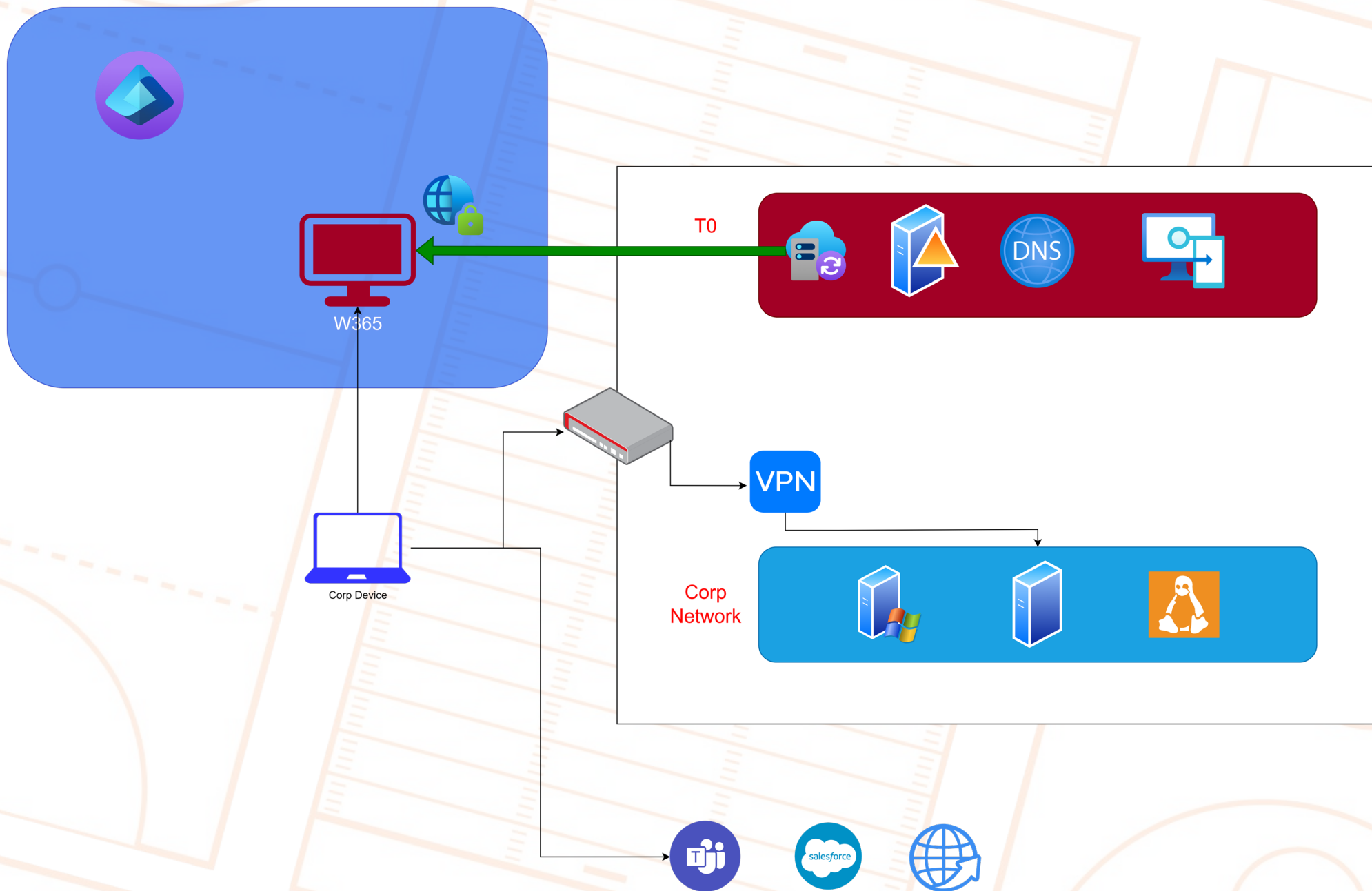
- Two Hardware Devices
- Unflexible
- ESAFE is deprecated -> Zero Trust
- Its old...





# **SAME TECHNIC BUT MODERN INFRASTRUCTURE**



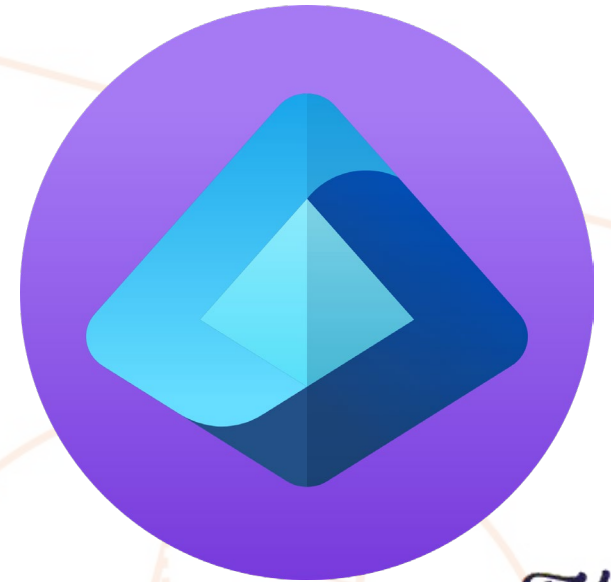


# MAKE A DIFFERENCE

Traditional PAW	Modern PAW
Dedicated Hardware	Hardware or Virtual Device
VPN	SSE
ESAE	Zero Trust
Smartcard	Fido
GPO	Compliant Device



# PROTECT IT!



# **BUT THE CLEAN KEYBOARD PROBLEM**

Can NOT be solved but ...



# WHAT IS A REAL CLEAN KEYBOARD?

Is it worth? Passkeys? Process? Windows Hello Keyboard got hacked?

# Demo

Showcase the Usage of a modern PAW with Passkeys, Windows365  
und SSE

The background is a light beige architectural floor plan. It features various geometric shapes including rectangles, circles, and arcs, all outlined in thin orange lines. Some areas are filled with a light blue color. A central rectangular area is divided into a grid of smaller rectangles, possibly representing a room layout or a site plan. The overall style is clean and professional, typical of a technical drawing or a modern interior design presentation.

**ONE OR SEPARATE TENANTS?**





# TAKEAWAYS

- A Modern PAW is possible, but ...
  - ... today it comes with some security disadvantages
  - ... is more flexible
  - ... adopt to modern security standards

**THANK YOU TECHORAMA**

Azurehero.com  
@TimStock



SpreeView



Review my Session