

Zero Trust Network security

Who I am?

Kristof Van Stappen (CEO)

◀ **JIMBER** founded in 2017



**It's not a matter of
“if” companies will
get hacked, it's a
matter of “when”
they will get hacked.**

How can we protect our most vulnerable organizations?

Antwerp Goes Offline Following Ransomware Attack (Updated)

An Attack on the City's Digital Partner Leaves Services Inoperable.

Hacker puts contents from
Zwijndrecht Police's server online

Linus Tech Tips YouTube Channel Is Down After Crypto Scammer Hack

The channel with 15 million subscribers was live streaming Elon Musk-themed videos, one of which was a crypto scam.

**Protecting your
network from
hackers has never
been this
challenging**

Why is network security so difficult today?

- ⊗ Cyber threats are constantly evolving
- ⊗ Ensuring safe remote access is essential but complex
- ⊗ Network devices like printers are easy entry points for hackers
- ⊗ Security measures frustrate employees and reduce productivity

The existing security solutions just aren't feasible for everyone

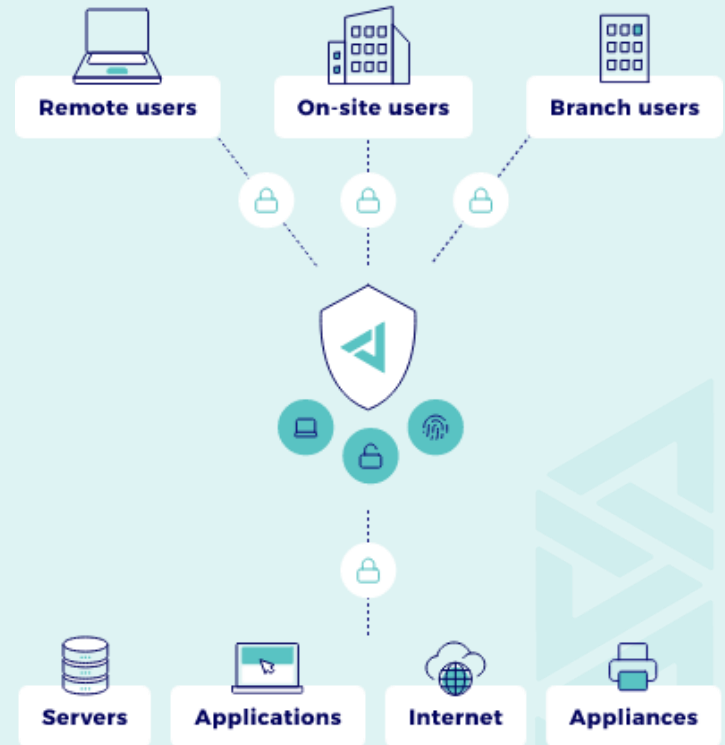
Firewalls are hard to set up and are often misconfigured

- ⊗ Every location needs one
- ⊗ Extremely time-consuming setup
- ⊗ They cost thousands per location
- ⊗ Downtimes during installation

Traditional VPNs are slow and unreliable

- ⊗ Regular network issues
- ⊗ No granular access controls
- ⊗ Risk of misconfiguration
- ⊗ Needs expensive firewalls on top

**No one could stop
us from hacking
their network, so
we came up with
our own Zero Trust
solution**



Zero Trust Network Access

basic principles



Never trust
Always verify



Access only after
authorization of devices
and users



Access only to strictly
necessary services

Made for companies that need to protect their data and resources from potential breaches



**Remote Work
Security**



**Multiple
Location
Security**



**Zero Trust
Security**

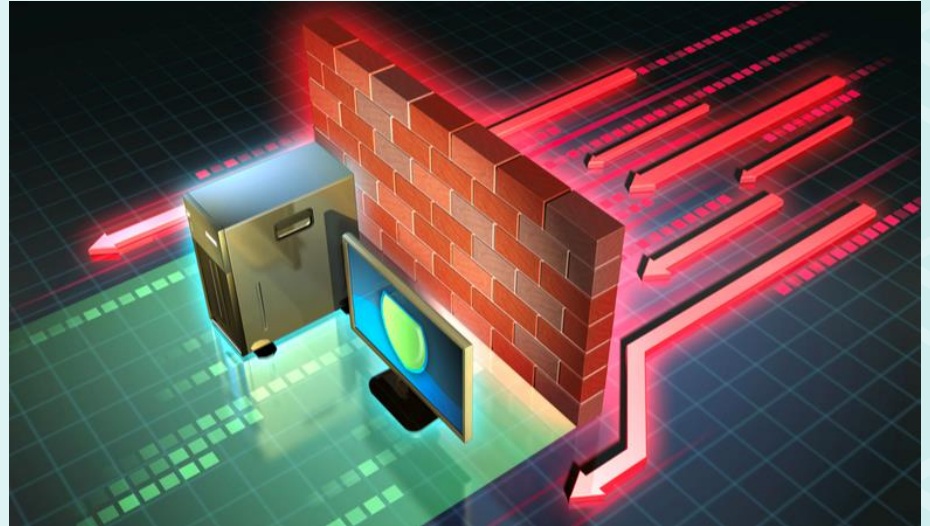


OT Security

**Zero Trust
makes your life
better, and a
hacker's worse.**

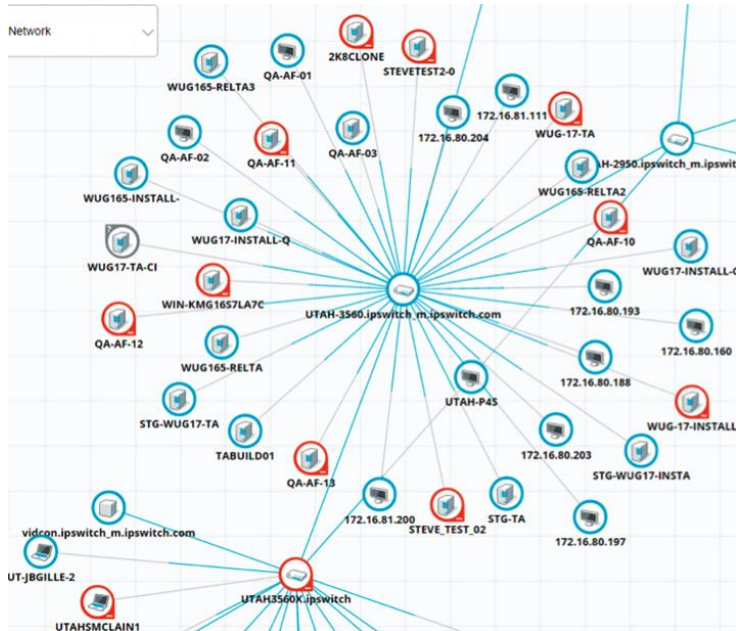
Real world scenario

Watch how hackers operate



Network Scan

Traditional Network Security

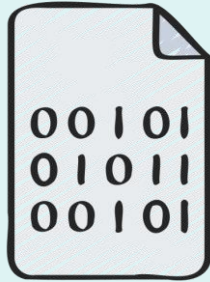


Zero Trust Network Security

No devices found on the network

Package Sniffing

Traditional Network Security



Zero Trust Network Security



Result

Traditional Network Security



Zero Trust Network Security



Protect a company from:

✓ Hackers

✓ Phishing

✓ Malware

✓ Man-in-the-middle attacks

✓ Ransomware

✓ SQL injections

✓ Adware

✓ Data exfiltration

Finally, affordable security solutions

Zero Trust Network Access

Protect your network without expensive hardware or time-consuming VPN setups.

- ✓ Quick and simple installation
- ✓ Easy to manage and segment your network
- ✓ Reduced attack surface



What do ZTNA solutions have that legacy solutions don't?

Zero trust Network access is centrally managed, reducing costs, setup time and complexity.

Easy to install, even in times of hybrid workplaces and limited IT resources.

Flexible all-in-one solution

Default to zero

Every packet is encrypted

Always / only authenticated

Limited downtime during installation

Grants

The Belgian Recovery and Resilience Plan (PHV) launched by the Federal Public Service (FPS) Economy.

**100% subsidized licenses for
customers for 1 year**



Funded by
the European Union
NextGenerationEU



FOD Economie, K.M.O., Middenstand en Energie

Questions?