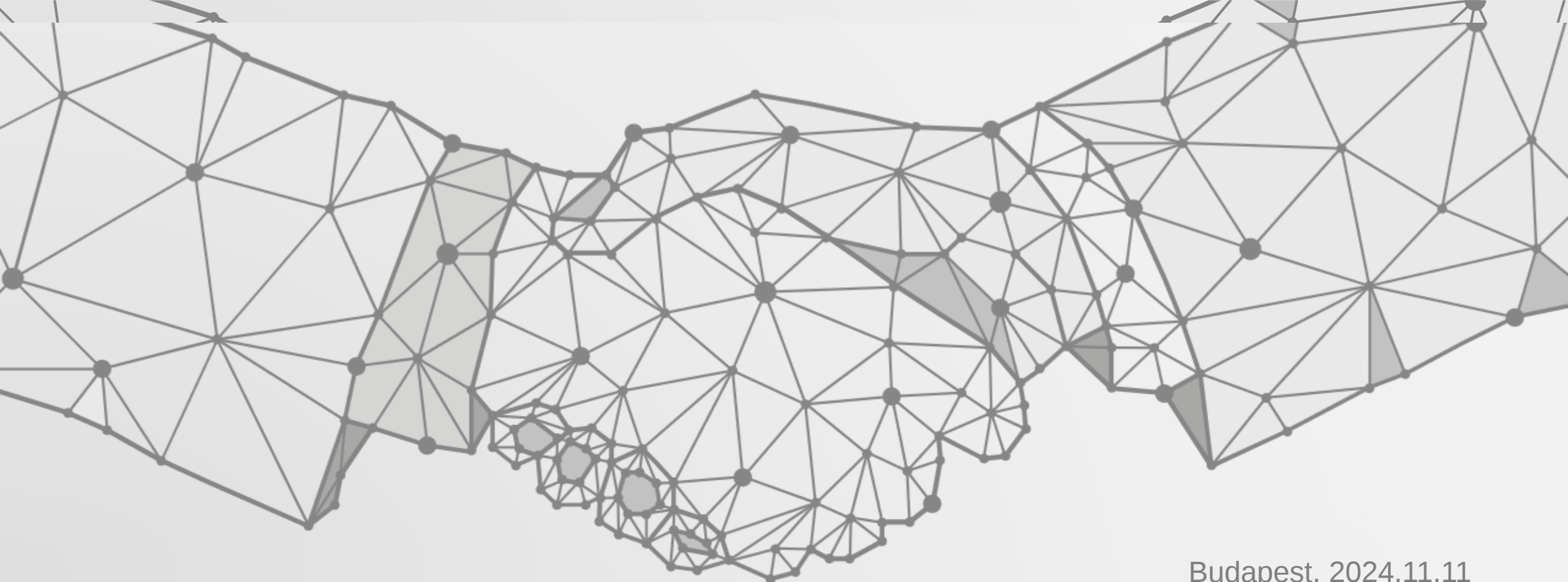




Budapest, 2024.11.11

Csinos Tamás, CISSP
country manager, Clico

OT - Operational Technology

ICS - Industrial Control System = IACS - Industrial Automation and Control System



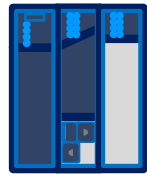
Advanced analytics and data storage

- MES – Manufacturing Execution System
- APC - Advanced Process Control
- Data Historian



Visualization, supervision and control

- SCADA - Supervisory Control and Data Acquisition
- DCS - Distributive Control System
- HMI - Human Machine Interface



Control devices

- PLC - Programmable Logic Controller
- PAC - Programmable Automation Controller
- RTU - Remote Terminal Unit

Industrial machinery and equipment

OT - Operational Technology

ICS - Industrial Control System = IACS - Industrial Automation and Control System



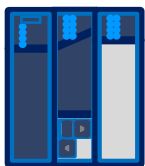
Advanced analytics and data storage

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Visualization, supervision and control

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Control devices

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Nincs beépített biztonság

Industrial machinery and equipment

Adatbázisok

Exploits

Webes
felületek

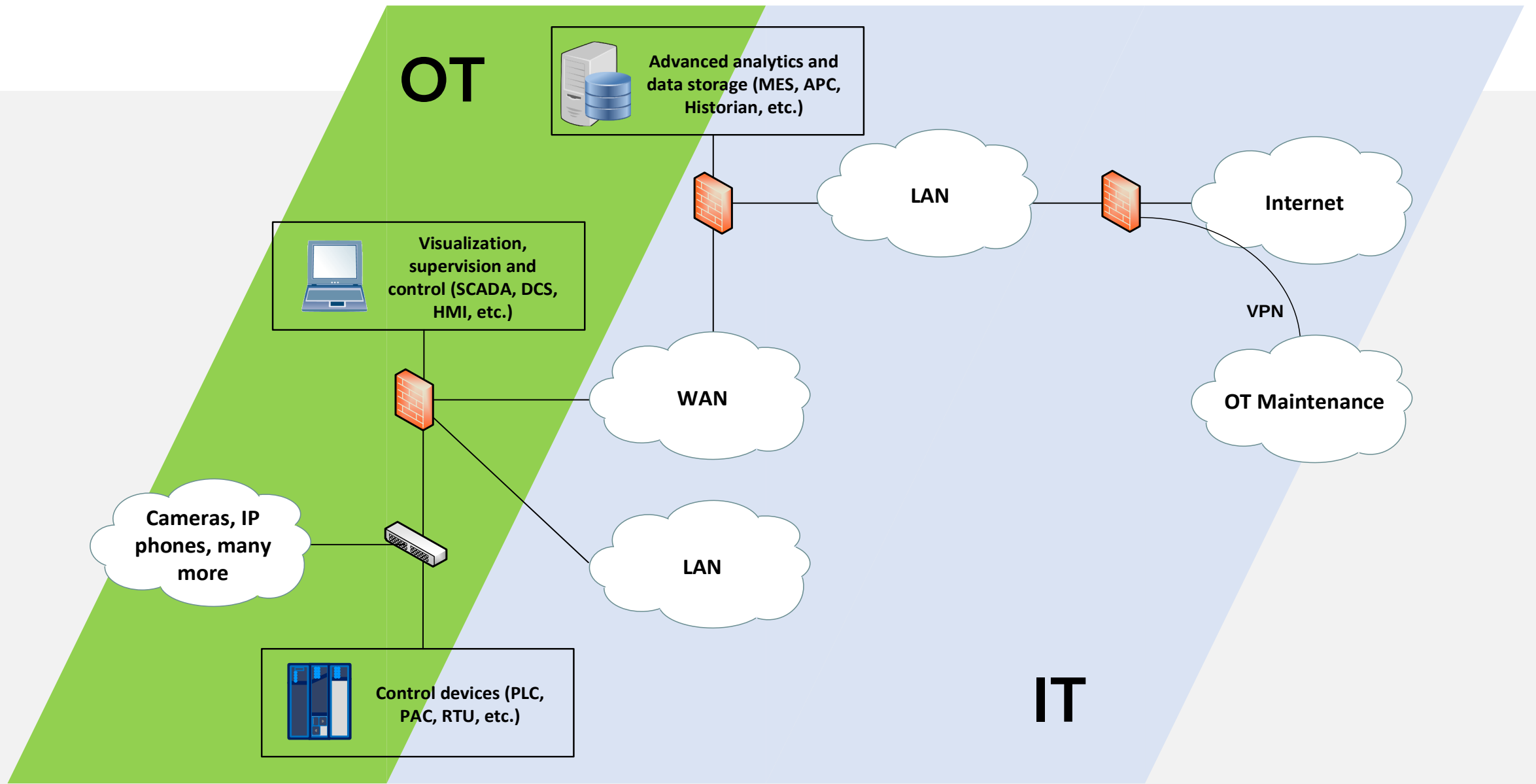
SQL-I, XSS

SSH / egyéb
távoli
hozzáférések

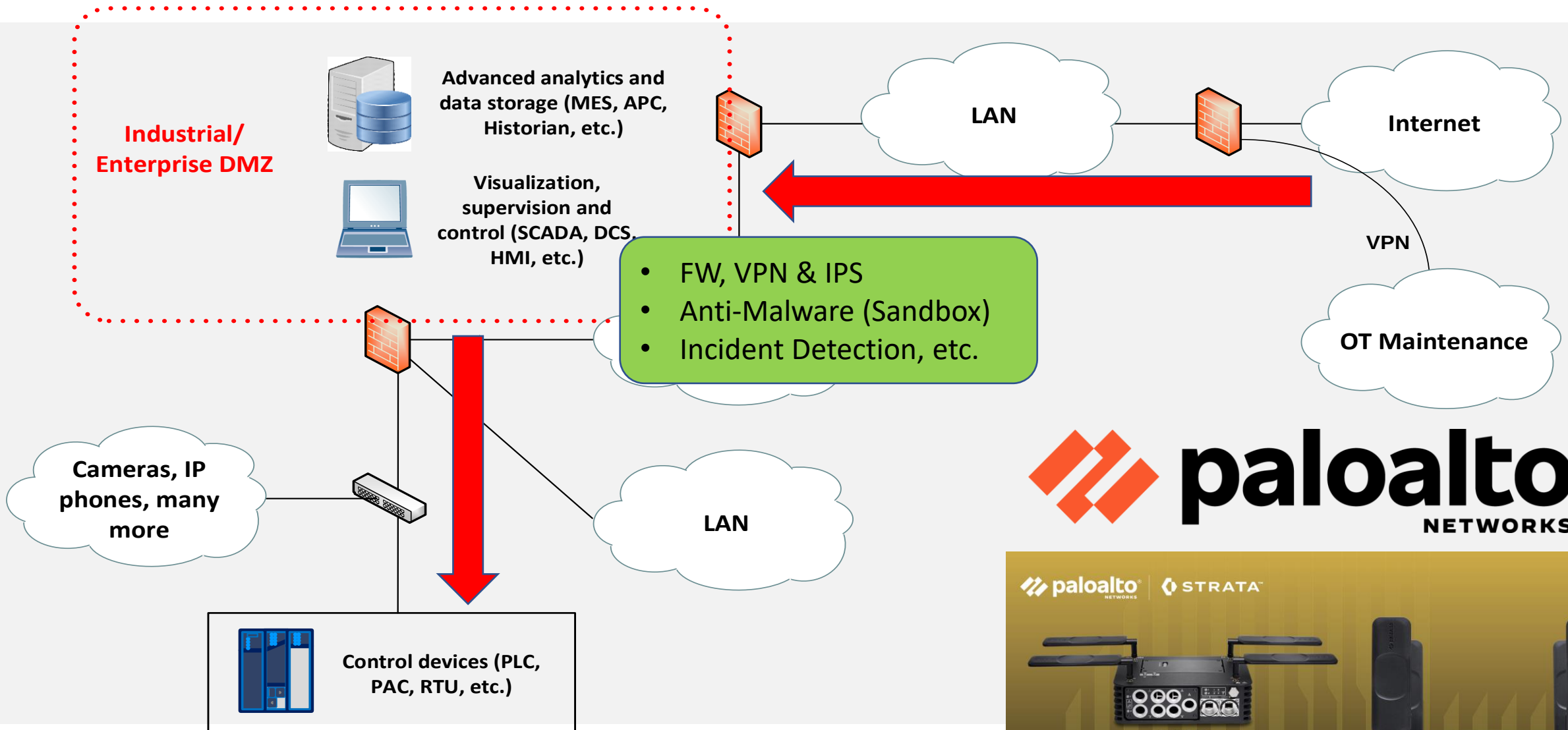
Misuse

Windows és
Linux alapú
rendszerek

Malware



Szegmentáltság, forgalom kontroll – aka „tűzfalazás”



TXOne Networking Solution Models

EdgeIPS Pro-1048 Gen2

- 10Gbps+ performance
- Virtual Patching(IPS) / Anvti-virus
- OT protocol inspection
- Rugged design and Commercial
- Up to 24 pairs hardware bypass
- OOB support

EdgeIPS Pro-216 R&C

- 1.8Gbps+ performance
- Virtual Patching(IPS) / Anti-virus
- OT protocol inspection
- Rugged design and Commercial
- 8 pairs hardware bypass
- OOB support

EdgeIPS Pro-2096 Gen2

- 10Gbps+ performance
- Virtual Patching(IPS) / Anvti-virus
- OT protocol inspection
- Rugged design and Commercial
- Up to 48 pairs hardware bypass
- OOB support



EdgeOne

- Available management all Edge product in one console
- Network visibility
- Centralized policy management
- SIEM and XDR integration
- Security posture and report
- Multi-hypervisor support (Vmware /KVM/Hyper-V)

EdgeIPS-103

- 850Mbps+ performance
- Virtual Patching(IPS)
- OT protocol inspection
- Rugged design
- 1 pairs hardware bypass
- OOB support

EdgeIPS-102

- 200Mbps+ performance
- Virtual Patching(IPS)
- OT protocol inspection
- Rugged design
- 1 pairs Hardware bypass

EdgeIPS LE-102

- 150Mbps+ performance
- Virtual Patching(IPS)
- 1 pairs Hardware bypass

EdgeFire-1012

- 200Mbps+ performance
- Virtual Patching(IPS)
- OT protocol inspection
- Rugged design
- NAT and Remote access protection(VPN)
- OOB support

New model

New model

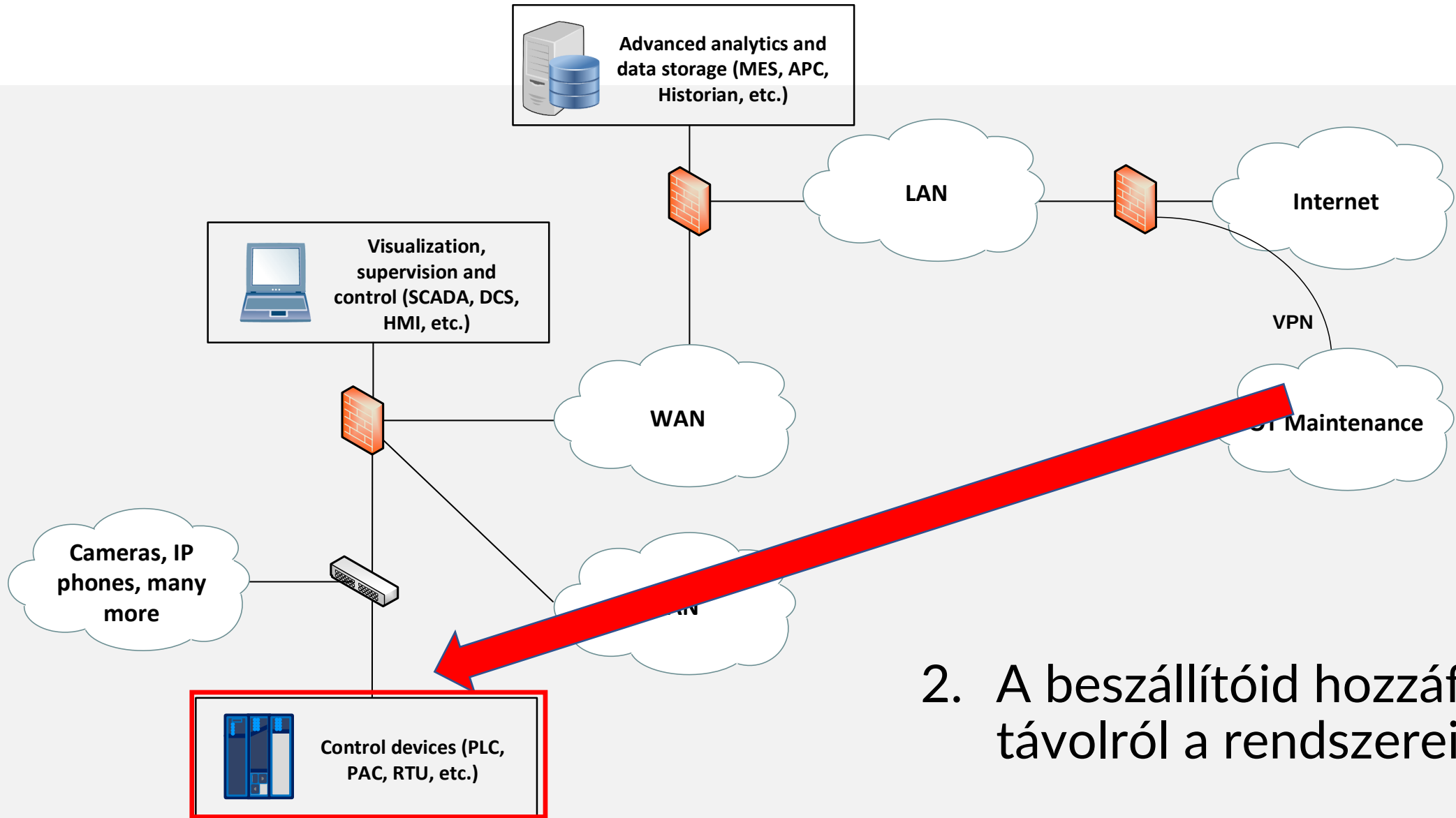
EdgeIPS Pro-2008

- 20Gbps+ performance
- Virtual Patching(IPS)
- 4 pairs 10G copper with Hardware bypass

New model

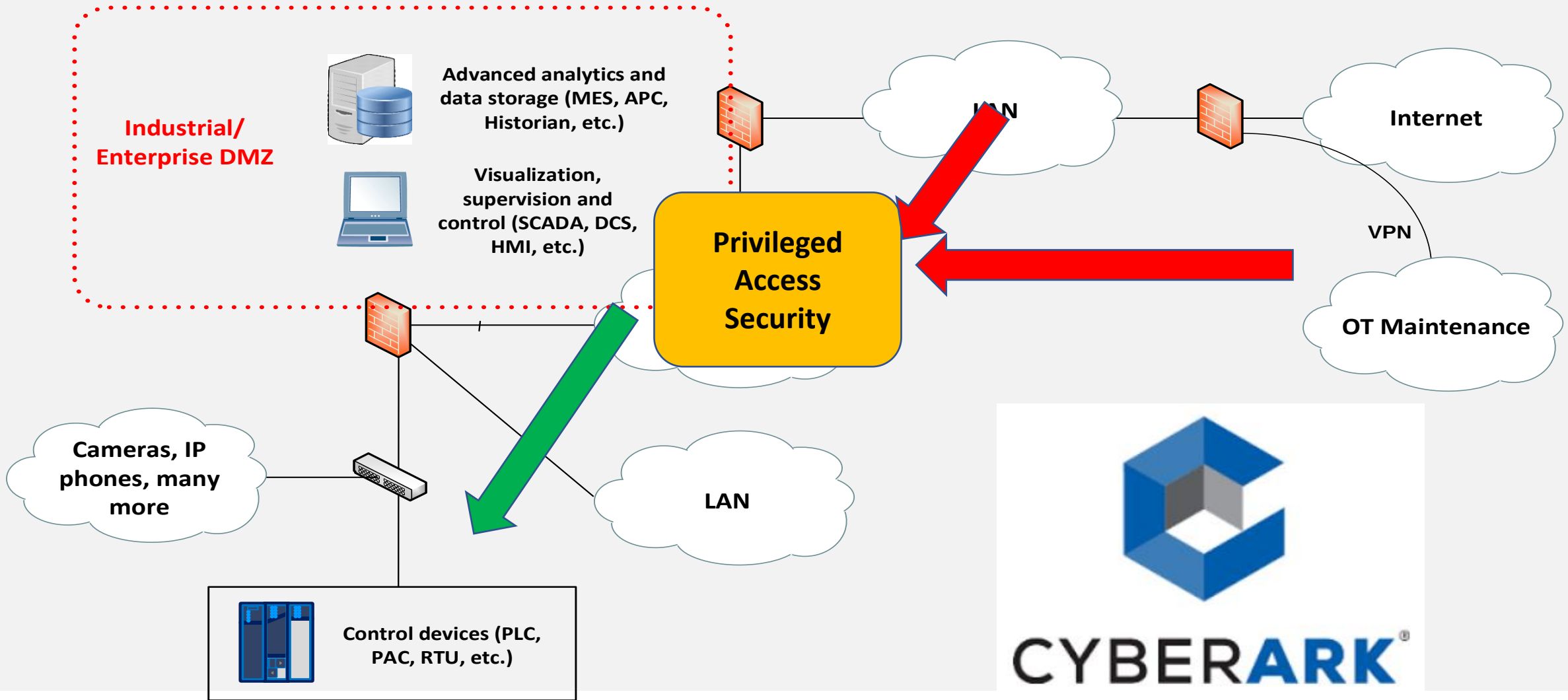
EdgeIPS Pro-2016F

- 20Gbps+
- 8-Pairs 10G Fiber Bypass (Gen3)

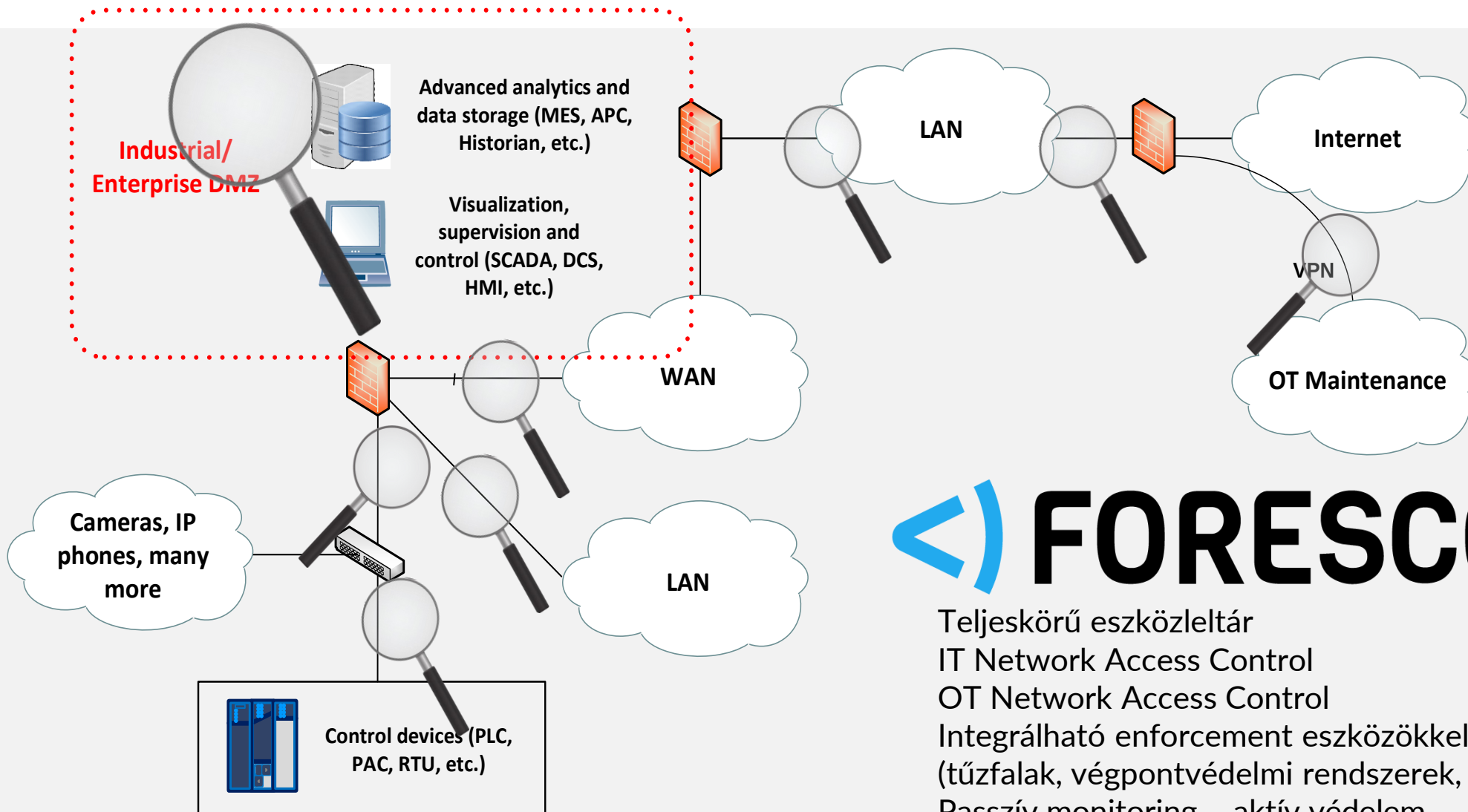


2. A beszállítóid hozzáférnek távolról a rendszereidhez?

Üzemeltetők, rendszertámogatók felügyelete – kiemelt felhasználók kezelése

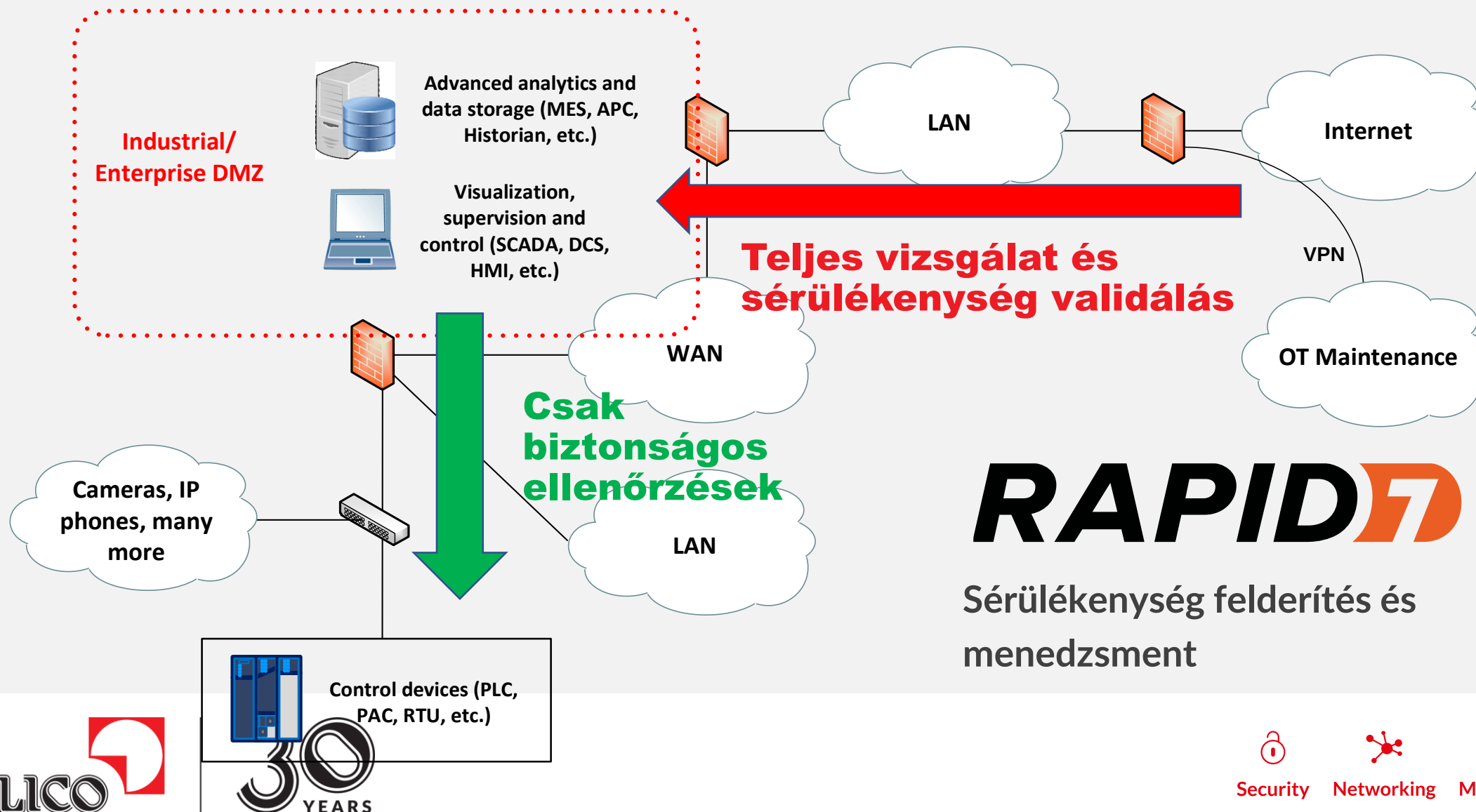


Láthatóság – fizikai eszközök

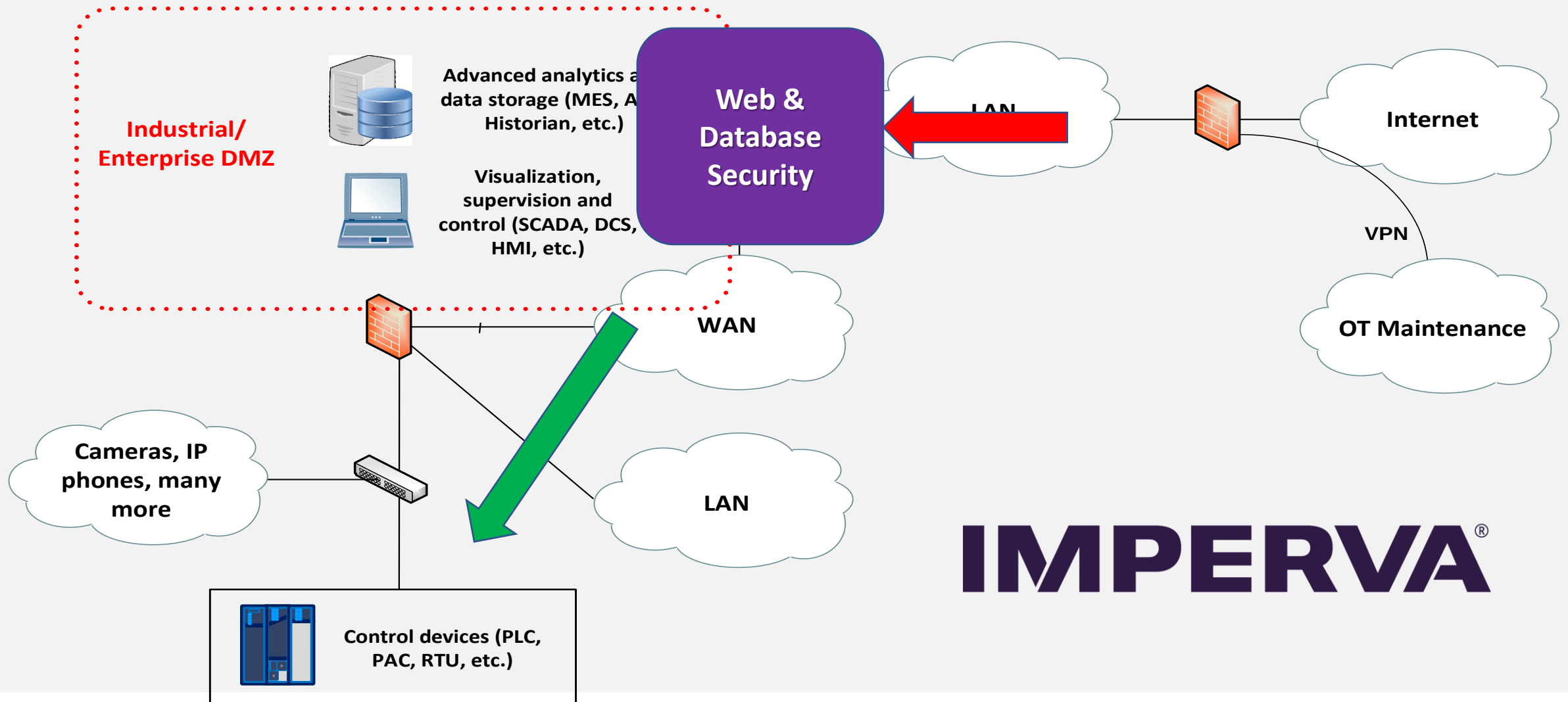
The ForeScout logo, featuring a blue stylized icon resembling a less-than sign followed by the word "FORESCOUT" in bold black uppercase letters, with a registered trademark symbol.

- Teljeskörű eszközlétár
- IT Network Access Control
- OT Network Access Control
- Integrálható enforcement eszközökkel
(tűzfalak, végpontvédelmi rendszerek, SIEM, stb)
- Passzív monitoring – aktív védelem

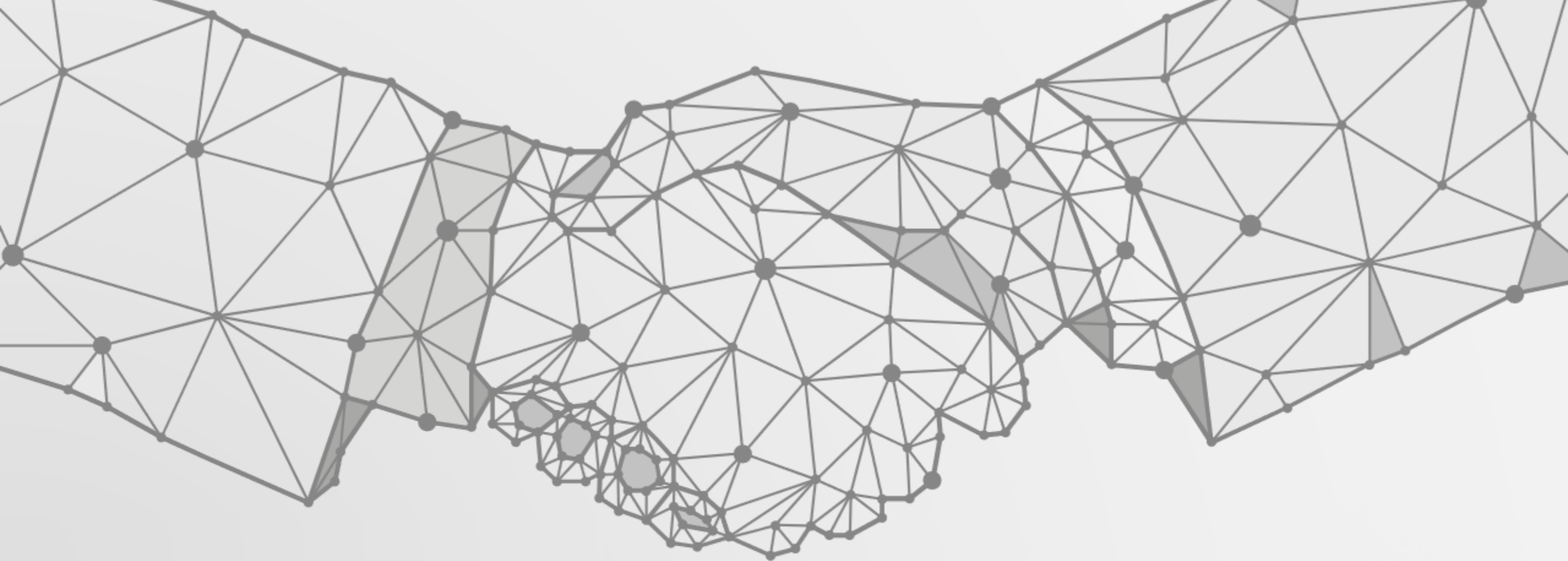
Láthatóság – software eszközök



Adatbázisok és kezelőfelületek védelme



IMPERVA®



Köszönöm a figyelmet!