



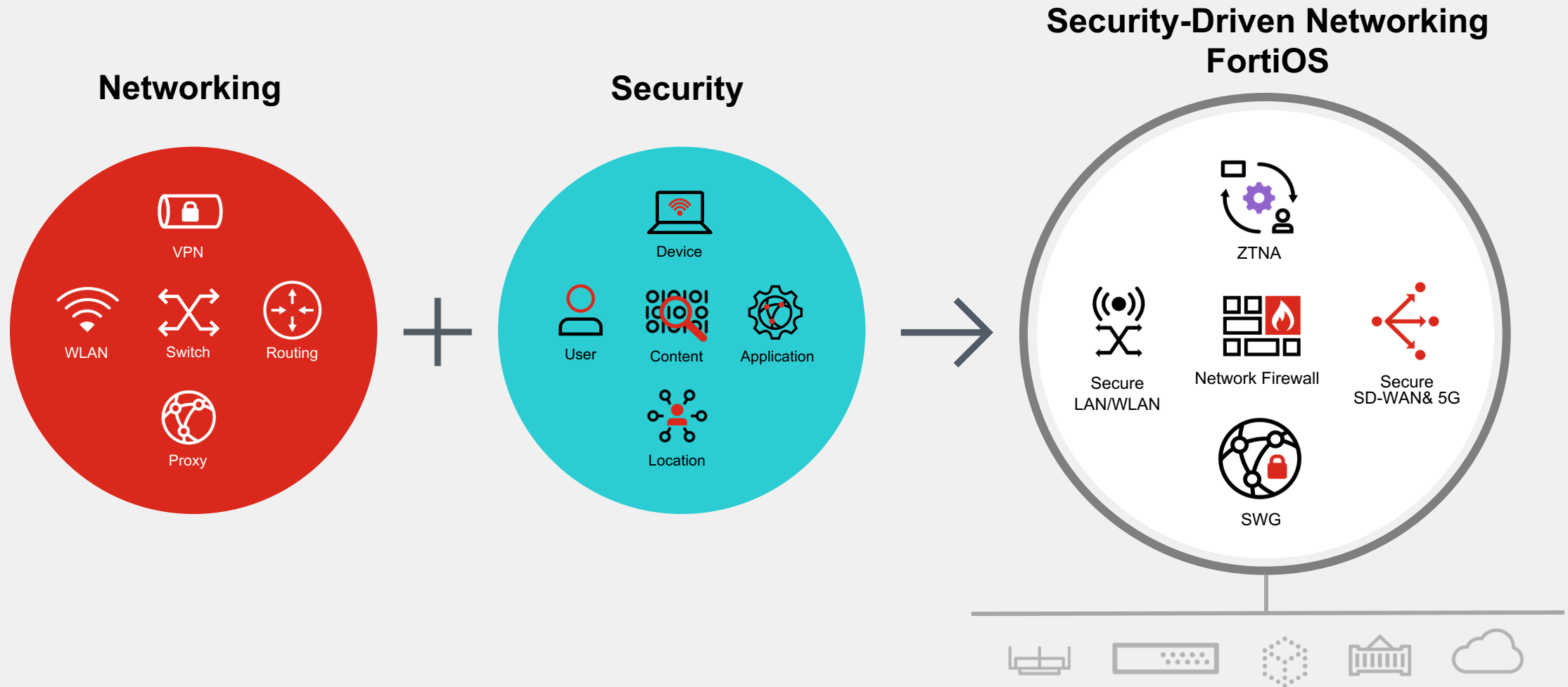
FortiGate v síti ISP

Ondřej Večl, Systems Engineer NSE8 #3111, Fortinet

Fortinet Secure Networking



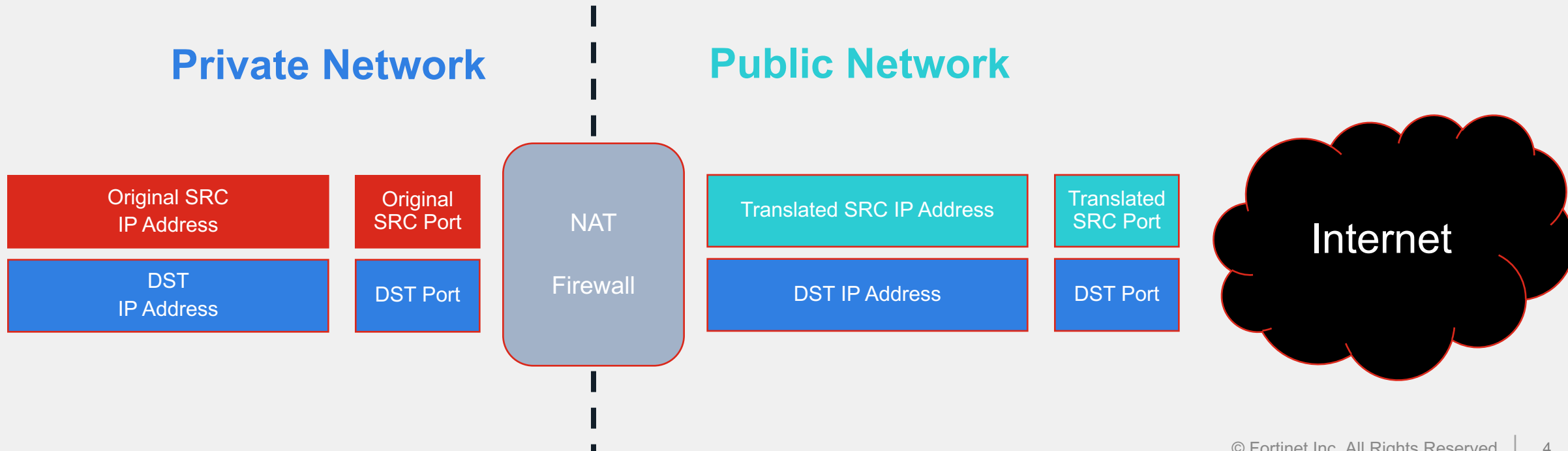
Jeden operační systém - FortiOS



Firewall, NAT, Router...

CE, CPE, Edge router

- L3/L4/L7 firewall
- NAT
- Router – static, BGP, OSPF, RIP



Bezpečnostní funkce



IPS Intrusion Prevention System



BOT Botnet + C2



DVC PROT IT / IoT / OT Device detection and protection



OT OT protocol enhancement



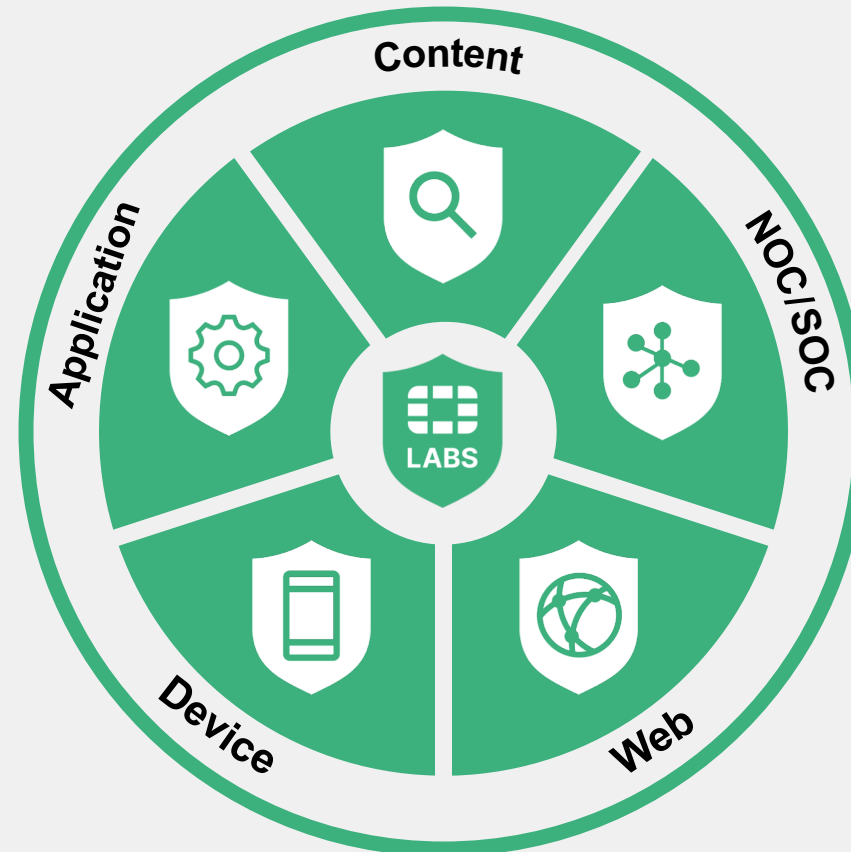
AV Anti-Virus



SBX Sandbox Detection



AMP Advanced Malware Protection



URL URL Filtering



DNS DNS Filtering



VF Video Filtering



C2 Botnet



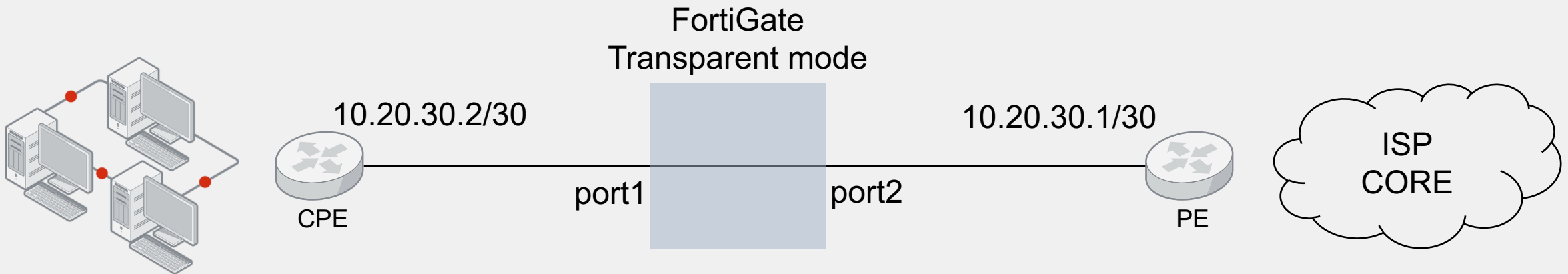
Web Filtering



Transparent mód

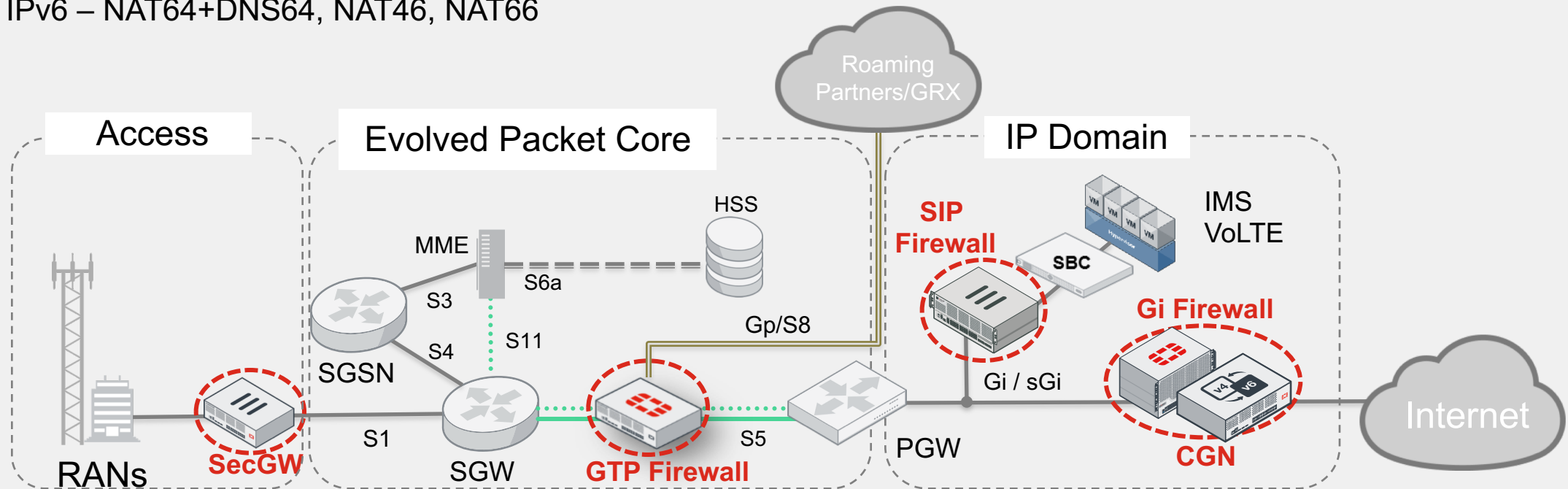
L2

- Plně transparentní pro provoz
- Funkce jako switch/bridge
- Vybrané interfacý v rámci jedné broadcast domény
- Zachovává si kompletní možnost inspekce provozu

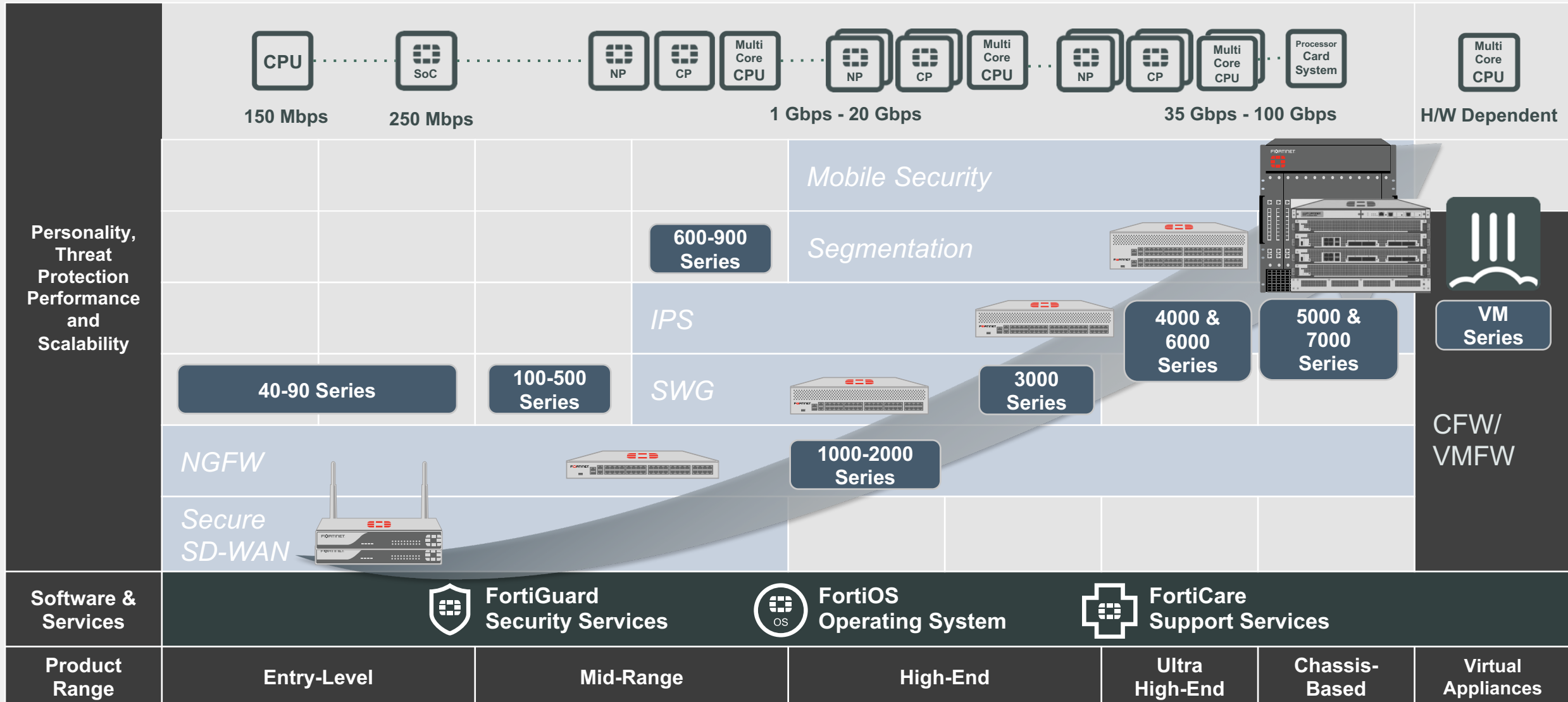


TELCO Specifické nasazení

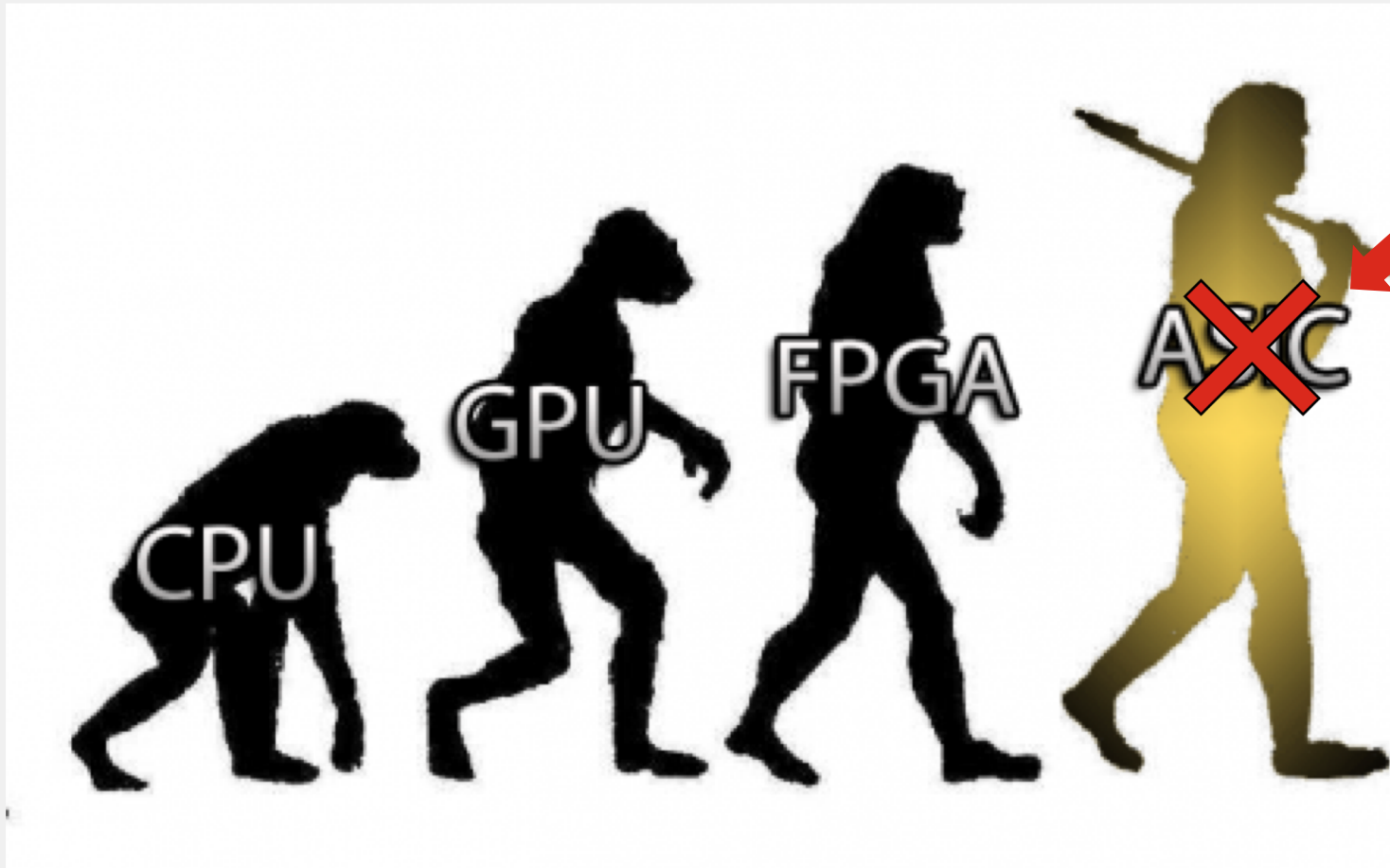
- SecGW
- GTP Firewall – v1,v2, SCTP,SIP
- GiFW – CG-NAT
 - IPv4 – NAT44, NAT444
 - Overload, Fixed Port Range, Port Block Allocation, Deterministic NAT
 - IPv6 – NAT64+DNS64, NAT46, NAT66



FortiGate Product Range



FortiGate – HW akcelarace



SPU

FORTINET®