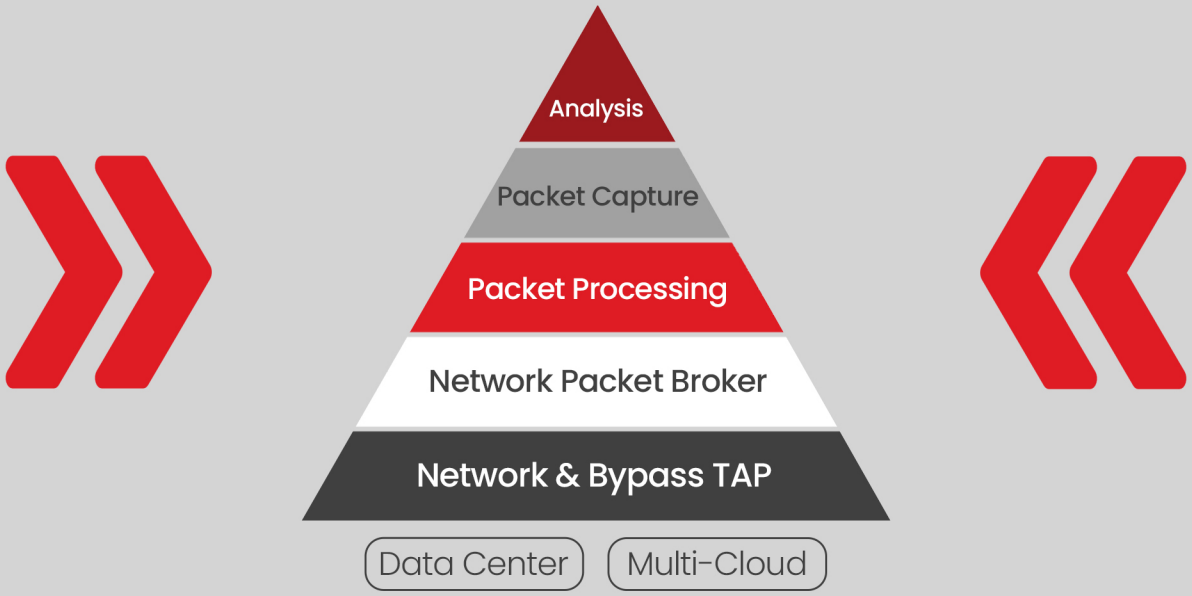
NEOX NETWORKS

NEXT GENERATION NETWORK VISIBILITY

Next-Generation Network Visibility for IT/OT Observability and Security



IT NetSecOps | **IT NetAppOps** | **Data Center** | **Multi-Cloud**

Business Benefits

- Enabling CXO's Digital Transformation through Hybrid-Cloud Network Visibility
- Increased Business Continuity and Reduced Downtime through Higher Network Availability
- Reduced Customer Churn through Lower Mean Time to Resolution, Enhanced Security, and Information Protection

Technical Benefits

- Setup Once-Benefit Forever Network Visibility and Real-Time Network Data Access for Security Application Performance, and User Experience
- Foundation Layer to Build a Hierarchical Network Monitoring and Actionable Observability Practice
- Consistent Tools and Methods for Network-as-a Service (NaaS) Philosophy across the Hybrid-Cloud Observability Infrastructure

Infra Security

- Strengthened Cybersecurity through Network Traffic Visibility across the Hybrid-Cloud Infrastructure
- Real-Time Network Intelligence for Threat Detection, Remediation, and Network Detection and Response
- Historic Network Data Archive for Incident Response, Forensics, and Compliance

Application Performance

- Enhanced Application Performance and Responsiveness through better Connectivity across Hybrid-Cloud Environment
- Faster Troubleshooting for Applications and User Experience Issues
- Reduced MTTR due to Always-On Network Visibility and Progressive Drilldown

Product Portfolio

Network Visibility Layer

NEOX**PacketFalcon** & NEOX**PacketGrizzly 100G Packet Capture Series**

Modular and Scalable, Ultra-Fast Packet Capture-to-Disk for Analysis, Security Forensics, and Compliance

NEOXPacketFalcon and NEOXPacketGrizzly Full Packet Capture Appliances are a high-performance FPGA-based solution to record the network packet data for up to 100G speeds and support Wireshark. The onboard storage capacity of up to 8PB, depending on the use case and the length of the time the data must be stored, is ample for incident response and network forensics, application and user experience troubleshooting, and regulatory and audit compliance.

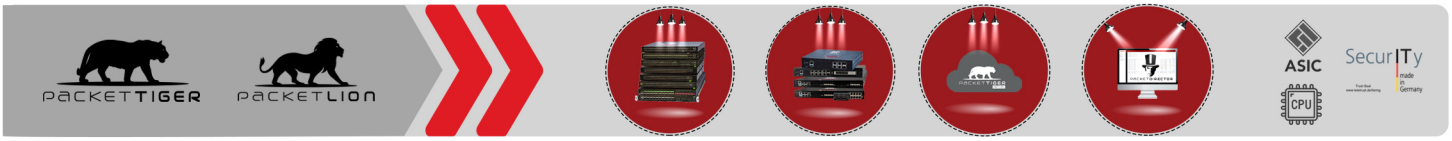
NEOX**PacketWolf 400G Packet Processor**

Network Intelligence and Advanced Packet Processing and Analysis for Offloading the Tools

NEOXPacketWolf FPGA-based Advanced Packet Processing Appliance is the ideal platform for advanced network data processing of up to 400G throughput per appliance. PacketWolf offers several advanced features to offload the monitoring and observability tools so that they can focus on their core job of analyzing, alerting, and acting.

NEOX**PacketTiger** & NEOX**PacketLion 400G Network Packet Broker**

High-Density Consolidation and Advanced Packet Directing for the Right Data to the Right Destinations

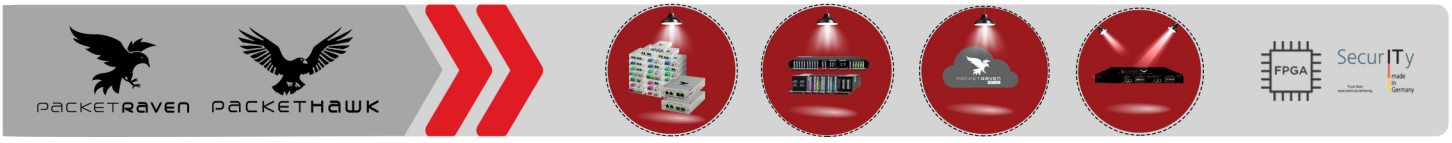


NEOXPacketTiger Advanced Network Packet Brokers allow full parsing, payload processing, modifying, and optimizing the data packets. PacketTiger's advanced packet processing allows you to work more granularly and look deeper inside individual packets. NEOXPacketTigerVirtual provides a versatile solution for visibility in virtualized Software-Defined Data Centers and public/private clouds. NEOXPacketLion Network Packet Broker acts as a high-density aggregation layer for TAPs and tools aggregation and consolidation.
NEOXPacketDirector is a centralized management system for NEOX Network Packet Brokers.

Network Access Layer

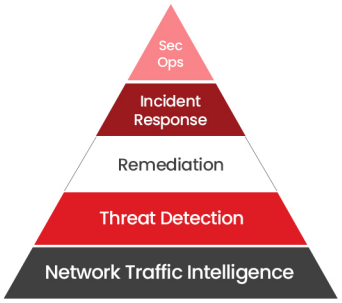
NEOX**PacketRaven** & NEOX**PacketHawk 400G Network & Bypass TAP Series**

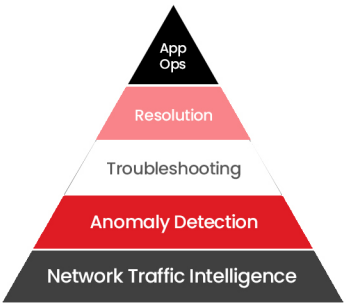
Real-Time Network Data-in-Motion Access and Network Intelligence for Security and Observability



NEOXPacketRaven Network TAPs provide uninterrupted and permanent network traffic access up to 400G for security monitoring and observability. NEOXPacketHawk In-line Bypass TAP enables the network team to maintain uninterrupted connectivity and smooth network operation during a downtime or tool maintenance window. NEOXPacketRavenVirtual provides physical and virtual security and monitoring tools, with network traffic access in hybrid-cloud/multi-cloud environments.

NEOX NETWORKS





Security Layer

Wireshark
SURICATA zeek
ExtraHop
corelight

Threat Detection, Incident Response. SIEM, IDS/IPS

Observability Layer

Application Issues, User Experiences, APM/NPM

Wireshark
splunk>
elastic

Network Visibility Layer

Capture — NEOX NETWORKS

Process — NEOX NETWORKS

Broker — NEOX NETWORKS

PacketFalcon
Packet Capture-to-Disk

PacketGrizzly
Packet Capture-to-Disk

PacketWolf
Packet Processor

PacketLion
Aggregation Packet Broker

PacketTiger
Advanced Packet Broker

PacketDirector
Monitoring & Management

Network Access Layer

Tap — NEOX NETWORKS

PacketHawk Bypass TAP
PacketRaven Standard TAP
PacketRaven Secure TAP
PacketRaven Virtual TAP

PacketRaven Hardened TAP

vmware
docker
openstack

Apps Apps Apps

Apps Apps

aws
Azure

NOZOMI NETWORKS
CLAROTY

Branch
Data Center
Multi-Cloud
Industrial Site

IT
OT

NEOX NETWORKS

IT NetSecOps Deployment Environments

SecOps

NetOps

SOC

Threat Detection, Incident Response, SIEM, NIDS, NIPS

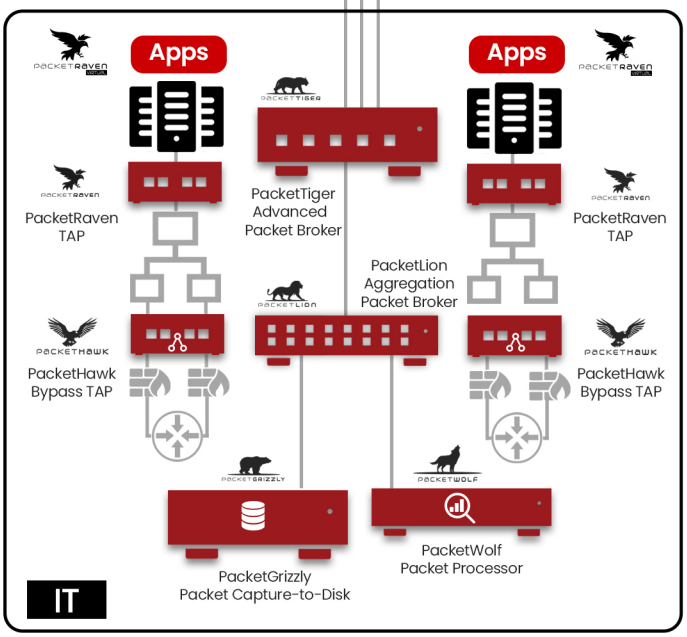
PacketFalcon
Packet Capture & Forensics

NOC

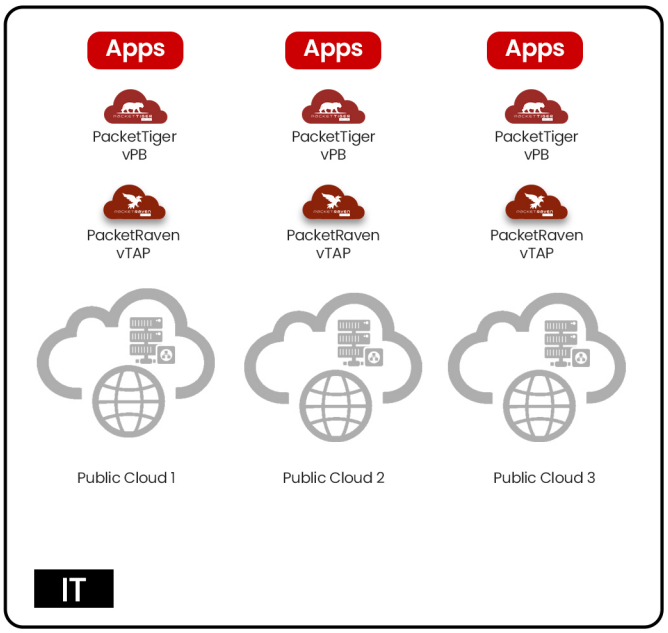
Application Issues, User Experiences, APM/NPM

PacketDirector
Monitoring & Management

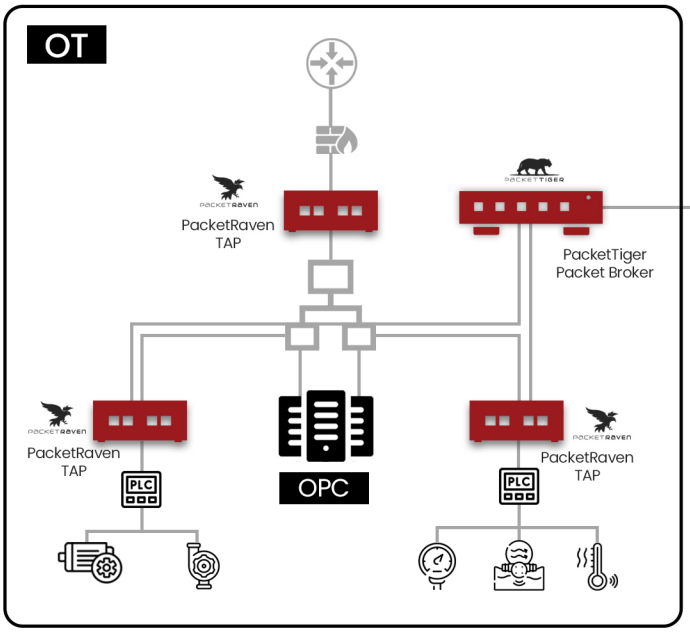
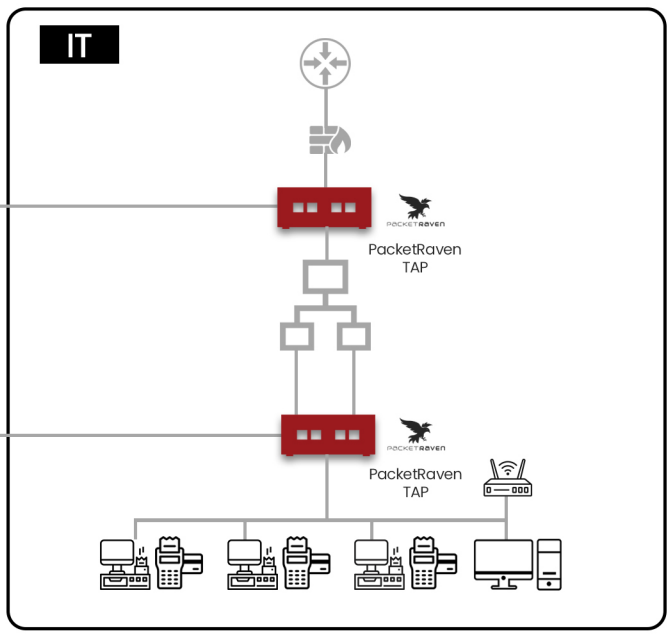
Data Center



Multi-Cloud



Industrial Site



Branch