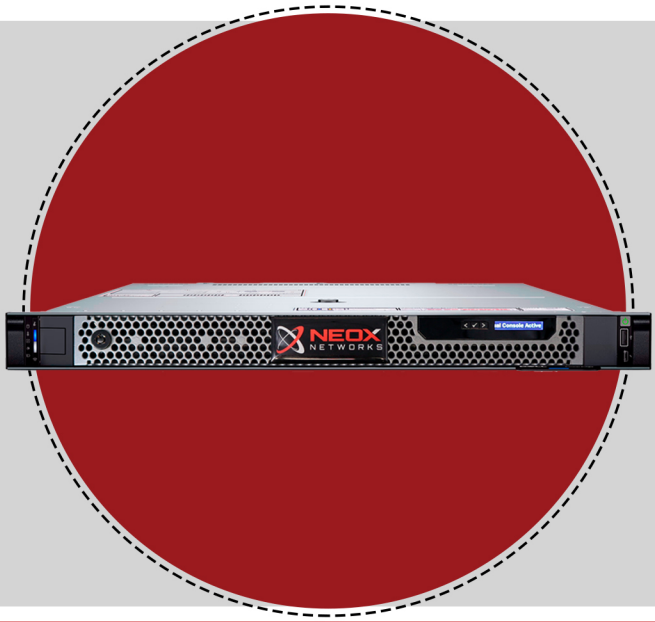
NEOX NETWORKS

Packet Capture

PacketFalcon Series Packet Capture

Up to 100Gbps Full Packet Capture in Portable and Compact Form Factors
Analysis & Forensics | Compliance | Out-of-Box Dashboards



Key Benefits

- ✓ **Accelerated Incident Response:** Instantly retrieve and play back historical network data like a DVR for rapid forensic analysis and evidence collection in post-breach situations.
- ✓ **Reduced Troubleshooting Time:** Reduce MTTR and finger-pointing for NetOps & AppOps teams by recreating data streams for session analysis.
- ✓ **Compliance & Audit Trail:** Accurate timestamping and long-term archiving of packet data supports audits, investigations, and regulatory requirements.

- **High-Performance Architecture:** The PacketFalcon uses a high-performance FPGA-based hyper-converged architecture to capture packets from 1 to 100Gbps without loss and permanently stores packet data on built-in SSD storage from 30TB to 300TB (PacketFalcon Compact) and from 24TB to 480TB (PacketFalcon Portable).

- **Sustained Full Packet Capture:** Captures before, during, and after the event packet data, allowing SecOps teams to narrow down security loopholes, rogue IPs, suspicious activities, and quickly identify the attacker with evidence.

- **Out-of-Box Dashboard:** With built-in analytics that perform metadata-based analysis for KPIs such as top applications and protocols, latency measurements, TCP sessions, and UDP/RTP analysis for voice and data communications.
  A built-in packet analyzer helps with progressive drill-down all the way to the individual IP packet level.

Learn More

PACKETFALCON

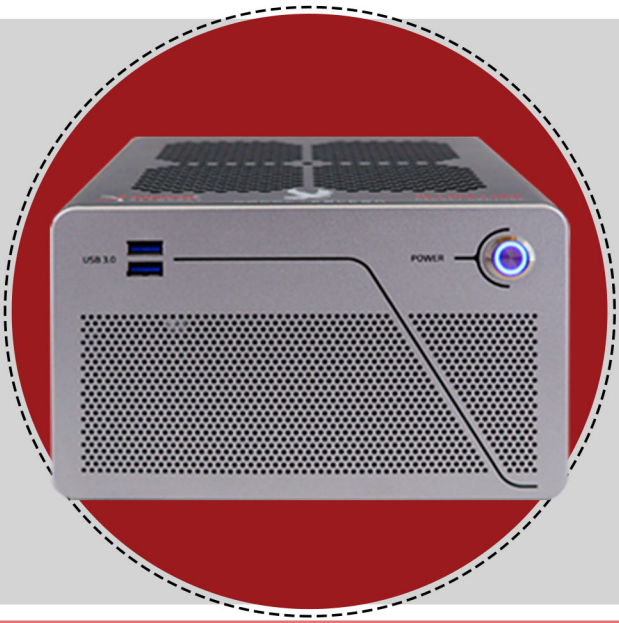
- Lossless Full Packet Capture
- Sustained Capture up to 100Gbps
- High-Speed FPGA Capture Cards
- Intelligent & Compression-based Capture
- Storage up to 300/480TB
- HW Encrypted (SED) Storage
- Hardware RAID 0,5,6,00,50,60
- Portable or Rack-Mountable
- Flexible Connectivity through SFP, SFP+, SFP28, QSFP+, QSFP28

NEOX NETWORKS

Packet Capture

PacketFalcon Series Packet Capture

Up to 10 or 25Gbps Full Packet Capture in Portable Form Factor
Analysis & Forensics | Compliance | Out-of-Box Dashboards



Key Benefits

- ✓ **Accelerated Incident Response:** Instantly retrieve and play back historical network data like a DVR for rapid forensic analysis and evidence collection in post-breach situations.
- ✓ **Reduced Troubleshooting Time:** Reduce MTTR and finger-pointing for NetOps & AppOps teams by recreating data streams for session analysis.
- ✓ **Compliance & Audit Trail:** Accurate timestamping and long-term archiving of packet data supports audits, investigations, and regulatory requirements.

- **High-Performance Architecture:** The PacketFalcon uses a high-performance FPGA-based hyper-converged architecture to capture packets up to 10Gbps (PacketFalcon Mini) or up to 25Gbps (PacketFalcon Mini X) without loss and permanently store packet data on built-in SSD storage from 7TB to 30TB.

- **Sustained Full Packet Capture:** Captures before, during, and after the event packet data, allowing SecOps teams to narrow down security loopholes, rogue IPs, suspicious activities, and quickly identify the attacker with evidence.

- **Out-of-Box Dashboard:** With built-in analytics that perform metadata-based analysis for KPIs such as top applications and protocols, latency measurements, Berkeley Packet Filters TCP sessions, and UDP/RTP analysis for voice and data communications. A built-in packet analyzer helps with progressive drill-down all the way to the individual IP packet level.

Learn More

PACKETFALCON

- Lossless Full Packet Capture
- Sustained Capture up to 10/25Gbps
- High-Speed FPGA Capture Cards
- Intelligent & Compression-based Capture
- Storage up to 30TB
- Portable, Compact and Robust
- Fanless Design
- Flexible Connectivity through SFP/SFP+/SFP28
- FPGA-based 10 Nanosecond Timestamping