

High-Performance Flow Metadata Generation for Threat Identification

Security Visibility Challenge

Network security concerns are forcing organizations to make significant investments in both proactive measures to prevent attacks and reactive approaches to mitigate these events. SecOps teams require cost-effective methods to analyze networks for threat identification and to enable rapid response.

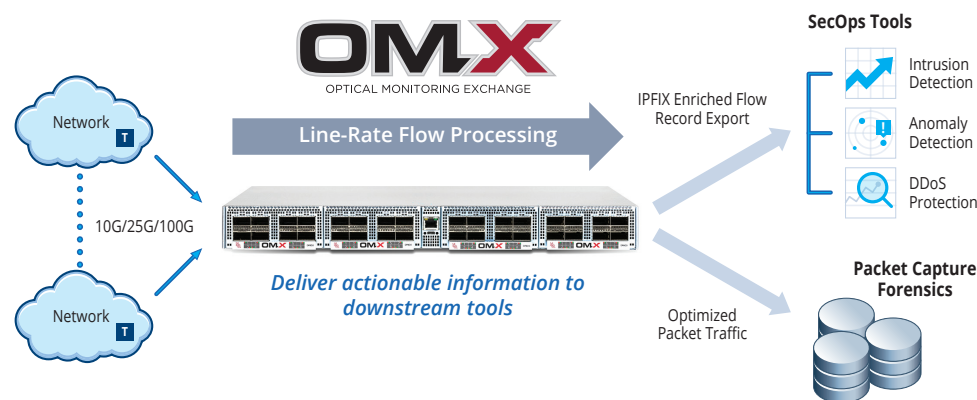
Cybersecurity tools are only as effective as the data they are tasked with analyzing. NetQuest's OMX3200 cyber appliance provides complete visibility regardless of network speed and delivers the information to the tools either as raw optimized packets or as enriched metadata flow records.

The OMX3200 generates continuous flow metadata for downstream security tools ensuring no potential threat goes undetected. NetQuest utilizes FPGA technology for its ability to process large amounts of data at line rate. This provides organizations a high-performance metadata generation solution capable of addressing high-density threat identification requirements for 10G/25G/100G networks.

OMX3200 Features

- Ultra-dense standards-based IPFIX metadata generation up to 1 Tbps
- Software configurable support for line-rate monitoring of any network provides 100% hardware investment protection
- Modular design supports "pay as you grow" model as network monitoring requirements evolve
- Ensures full network visibility for analysis tools
- Advanced packet processing in parallel to metadata generation

Solution



The OMX delivers high-capacity, high-performance flow metering and flow record generation for network threat identification providing visibility to the who, what, when and where. The compact modular 1RU design supports up to four traffic processing modules, each capable of supporting ingest of unique network speeds. In addition to generating IPFIX flow records, the OMX also supports targeting specific flows of interest and forwarding these packets for capture and deeper forensics.

Who We Are

NetQuest is a trusted and longstanding supplier of high-performance Cyber Surveillance solutions to government agencies around the globe.

With the introduction of the OMX Optical Monitoring Exchange we have built upon our 30+ years of network monitoring experience and applied the indepth cyber knowledge we have gained to offer an optimized solution for complex network infrastructures, such as fixed line/mobile service providers and large-scale enterprise networks.

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