



Cx 4100, Cx 8100

Monitoring, Predictive Analytics and Load Balancing at 100Gbps



Cx 4100, Cx 8100 Specifications

INTERFACES	Cx 4100: 4x100G (QSFP28) + 12x40G (QSFP) or 48x10G (breakout) Cx 8100: 8x100G (QSFP28) + 24x40G (QSFP) or 96x10G (breakout)
DIMENSIONS	5.25" x 17.2" x 20.5" (133 mm x 437mm x 521mm) 3U rack mounted
WEIGHT	60 lbs. (27.22 kg)
POWER	100-240 V AC, 50-60 Hz 1700 W, DC, Power Option Available, Redundant hot-swappable supply

The Cx 4100 and Cx 8100 expand the capability of the cPacket Integrated Monitoring Fabric (IMF) by delivering wirespeed millisecond-precision predictive behavioral analysis and load balancing across up to 4 x 100G links. With the transition to 100G, the ability to reliably monitor at full-line rate becomes a challenge that legacy monitoring solutions struggle to handle. The Cx 4100 and Cx 8100 expand the IMF to support these 100G requirements, and when combined with the other elements of the IMF (cVu, cStor and cClear), they provide the highest level of network visibility and analysis available for end-to-end visibility, capacity planning, and security analytics. With immediate access to the packet-level details customers can identify problems proactively, such as network spikes and bursts, oversubscription, misconfiguration, and equipment failures. With its advanced Distributed Monitoring Architecture, and patented Algorithmic Fabric Chip technology, cPacket can reduce troubleshooting time by over 80% compared to centralized legacy monitoring solutions.

Key Features

Distributed Monitoring Architecture (DMA)

Our distributed Next Generation Monitoring Architecture outperforms centralized legacy monitoring by bringing intelligence directly to the wire, reducing latency, and eliminating false positive/negative alerts.

Improved Operational Agility

When used in conjunction with cVu, cStor and cClear, the solution delivers a robust combination of dynamic visualization, complete packet inspection across L2-L7, and network analytics, and forensic intelligence.

Predictive Behavioral Analytics

Our cBurst behavioral analytics identify imminent issues across up to one thousand streaming feeds, for market data or other time-critical monitoring or capacity planning applications.

Intelligence at the Wire

Our Distributed Monitoring Architecture, based on our patented Algorithmic Fabric Chip brings complete packet inspection to every link across your network, in order to provide realtime information about your entire network.

Open Monitoring Architecture

Unlike many legacy monitoring solutions, cPacket plays well with others. In addition to performing advanced packet analysis, the IMF can work in conjunction with other monitoring solutions via API, or traffic forwarding of real-time and forensic data.

Benefits

Visualization & Management

The challenge of proactively monitoring your network is being able to understand large amounts of data in order to determine what is relevant and what is not. Maps and dashboard visualizations provide both the detailed high-level view, and granular access to packets to proactively monitor the troubleshoot the network. It also acts as the management console for the IMF.

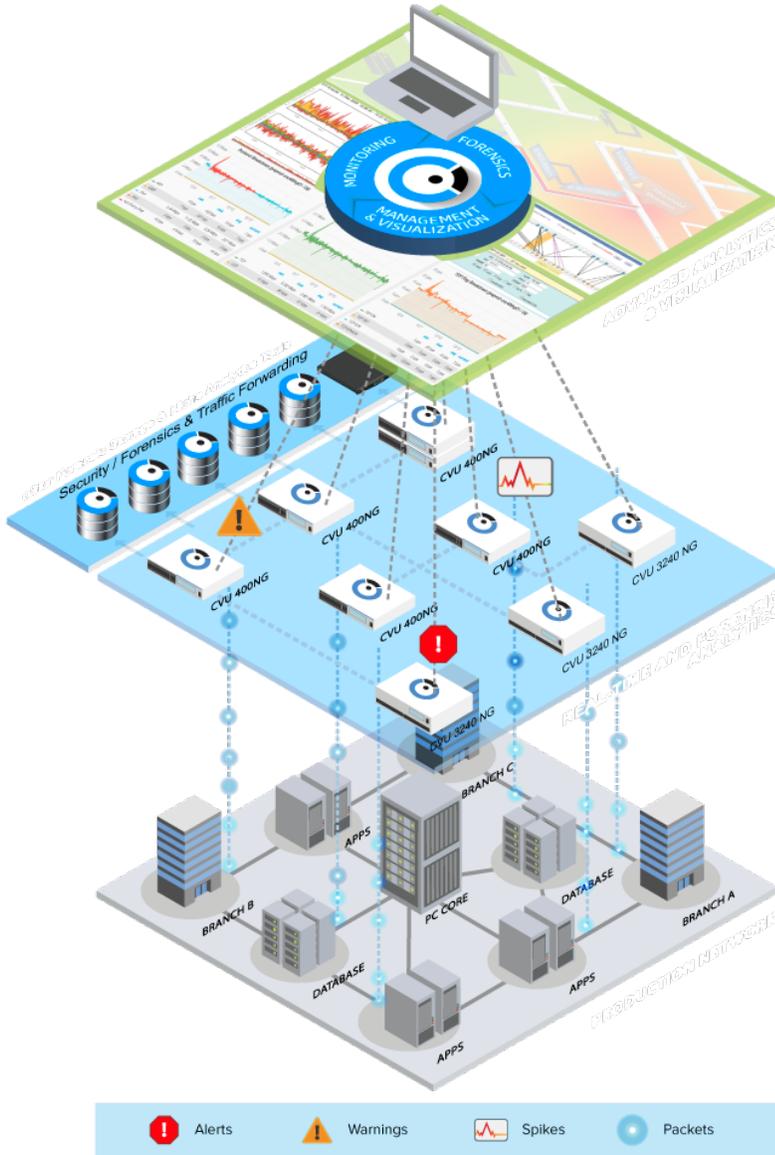
Analytics and Forensics

cVu Monitoring Nodes are distributed across your network to provide end-to-end visibility, capacity planning and security analytics for the entire environment by inspecting packet traffic in real time. Also, by bringing Operational Intelligence directly to wire, you eliminate the risk of bottlenecks and data loss from your monitoring switches.

cStor Forensic Storage Arrays capture and archive packet traffic for troubleshooting, compliance and security analysis.

Production Network

This is the lifeblood of your organization. Your productivity depends on it. Your revenue depends on it. Your compliance depends on it. If it goes down or isn't performing properly, you and your end users have a problem.



ABOUT cPACKET NETWORKS

cPacket Networks offers Network Operators and Service Providers a Distributed Monitoring Architecture (DMA) that delivers end-to-end visibility, capacity planning, and security analytics across the entire network, and at speeds of 1G, 10G, 40G and 100G. Customers who deploy our Intelligent Monitoring Fabric (IMF) can leverage our proactive intelligence to reduce trouble-shooting time to resolution, and can predictively identify problems before end-users are ever impacted. By optimizing the entire monitoring stack, cPacket lowers overall monitoring CapEx, while also reducing OpEx through improved operational efficiency of the network. Based in Silicon Valley, CA, our solutions are used to troubleshoot some of the world's largest networks.

