

cPacket serves global, zero-downtime enterprises with a modular portfolio of solutions for industry leading packet delivery, capture and analytics that accounts for every packet at line-rate across all environments offering a lower total cost of ownership. The world's most-demanding networks – financial services, technology, healthcare, and government – rely on cPacket's line-rate network monitoring across hybrid environments ensuring maximum uptime and thwarting cyberthreats. Whether on-premises or in the cloud, cPacket provides best-in-class observability and security features, delivering unified command and control across the entire network.

cPacket's 3 P's for Optimal Network Observability and Security solutions

- **Packets:** While metrics, events, logs, and traces (MELT) offer insights, packets are the foundation of Network Observability. Every packet must be inspected and accounted for because, every packet counts.
- **Precision:** Nanosecond time-stamping, millisecond resolution microburst monitoring, and second resolution TCP analysis enables deeper observability and insights into Network and Security operations.
- **Performance:** Leading the transition to 400Gbps in the Enterprise, cPacket packet brokers offer fully-featured, smart processing at line-rate (up to 100Gbps sustained) on every port (not oversubscribed).

Best Total Cost of Ownership

- All advanced features are enabled at line rate across all ports without performance degradation. To achieve the same level of "smart" performance, multiple competitive oversubscribed brokers would be needed, adding cost and requiring more power and rack space.
- 30% fewer security and performance tools required when utilizing cPacket's sophisticated filters, substantially reducing irrelevant traffic to tools.
- All features enabled out of the box with no need for additional licenses or hardware modules, ensuring transparent pricing and straightforward licensing.

Comprehensive Suite of Advanced, TAP Agg and Agentless Cloud Packet Brokers

- Advanced Packet Brokers (cVu NG), from 10 to 100 Gbps, featuring ASIC/FPGA-based processing behind every port, enabling line-rate performance including packet filtering, tunnel origination / termination, header stripping, packet slicing / truncation, timestamping, load balancing, packet/flow analysis and microburst analysis .
- TAP Agg Packet Brokers (cVu AG), from 10 to 400 Gbps with high port density, designed for aggregating traffic and optimizing tool utilization, often used in conjunction with cVu NG in a two-tiered architecture. It also includes nanosecond timestamping and microburst analytics capabilities.
- Agentless Cloud Packet Broker (cVu-V) - the industry's only cloud packet broker available across all major service providers for hybrid-cloud deployments.



cVu NG Advanced Packet Broker



cVu AG TAP Agg Packet Broker



cVu-V Agentless Cloud Packet Broker

The cVu NG is the industry's only distributed architecture platform, including an ASIC/FPGA behind every port, creating unmatched advantages:

Smart Processing at line-rate on every port: All advanced features are fully enabled, allowing every packet to be processed at line rate (up to 100G), ensuring a comprehensive and accurate view of network activity for effective analysis and troubleshooting.

100% accountability: Conventional, centralized-architecture platforms are oversubscribed and therefore drop packets with smart processing loads as little as 20% of line-rate. cPacket packet brokers account for every packet, at line rate, with all features enabled, across all ports.

Ultra-high resolution: Millisecond reporting detects events like microbursts (buffer overruns in fractions of a second) that might otherwise be missed. Nanosecond timestamping provides ultra-granular analytics, while real-time network monitoring enables line-rate diagnostics and swift intervention as issues occur.

Ultimate Scalability: cPacket solutions provide dedicated processing power for each port, meeting a network's growing traffic demands and ensuring a long-lasting return on investment.

