cPacket™
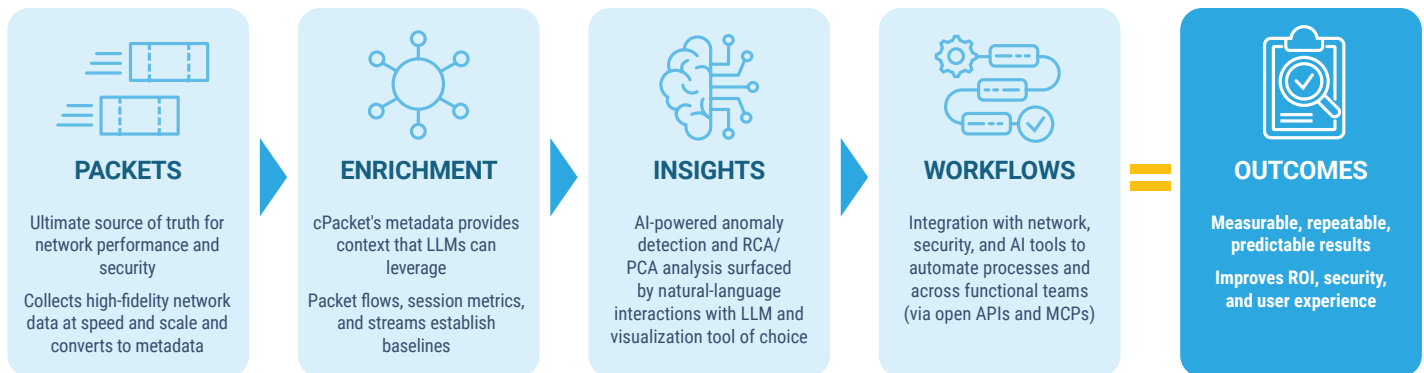
Unified Observability for the AI Era

Faster speeds, hybrid infrastructure, and latency sensitive AI workloads are overwhelming the teams and tools that run enterprise networks. Complete business dependence on the network, coupled with the sheer volume and diversity of data that needs to be captured, indexed, and analyzed has made it more daunting to observe and manage today's mission critical IT infrastructure. The days of single-function tools, fragmented data, and manual workflows are numbered – and will soon be replaced by a new generation of observability solutions built for the demands of the AI era. These platforms must be powerful enough to support network and security teams and use cases in today's highly regulated, zero-downtime environments.

The one with the best data (and insights) wins

With a long history of high-speed packet processing for the world's most complex, high-performance networks, cPacket is now redefining observability to address escalating network and security demands. Unlike point products, cPacket's Unified Observability Platform provides 360-degree visibility in the highest resolution – spanning on-prem, hybrid, and multi-cloud environments. cPacket is also adding much-needed context, derived from network packets, which simplifies some of the most common network and security workflows.

PACKETS	ENRICHMENT	INSIGHTS	WORKFLOWS	OUTCOMES
Ultimate source of truth for network performance and security	cPacket's metadata provides context that LLMs can leverage	AI-powered anomaly detection and RCA/PCA analysis surfaced by natural-language interactions with LLM and visualization tool of choice	Integration with network, security, and AI tools to automate processes and across functional teams (via open APIs and MCPs)	Measurable, repeatable, predictable results
Collects high-fidelity network data at speed and scale and converts to metadata	Packet flows, session metrics, and streams establish baselines			Improves ROI, security, and user experience

Explainable, AI-powered insights, grounded in packet truth and scaled across the enterprise. This is the first step in cPacket's strategy to deliver actionable intelligence that helps customers:

- **Manage infrastructure anywhere** – end-to-end observability with reduced complexity
- **Increase resilience** – proactively detecting anomalies and threats before they impact business continuity and customer experiences
- **Embrace AI opportunities** – with the confidence that their network is 'AI Ready' and can rise to future challenges
- **Accelerate incident resolution** – with faster detection, simplified troubleshooting, and proactive mitigation of complex issues
- **Automate workflows** – by integrating repeatable insights into existing tools, platforms, and data (via open APIs and MCPs)
- **Strengthen security and compliance** – with packet-level analysis, high-performance search and retrieval, and audit-ready forensics
- **Adapt to change** – with an open and flexible architecture that scales as business and technology evolve

Why partner with cPacket to transform your observability strategy?

Packet Truth. Trusted Outcomes.

cPacket is a trusted advisor for the biggest names in finance, healthcare, technology, and other highly regulated enterprises and government agencies. For network engineers who are skeptical of AI, the path to trustworthy insights and automation begins with high-fidelity packet evidence they can validate. Say goodbye to proprietary black boxes and hello to:

- **Transparency:** Packet truth builds confidence with accuracy, auditability, and repeatability.
- **Better, faster decision-making:** Streamlined workflows and root cause analysis, augmented by AI without sacrificing control.
- **Highest compliance standards:** cPacket is certified for SOC2 (types 1 and 2), FIPS 140-2 (Common Criteria) and TAA compliance standards.

Insights that Matter.

Rather than generating more alerts, cPacket distills trillions of packets into a handful of explainable insights that answer your questions, fit into your existing workflows, and continuously learn what impacts your network in order to solve your most common problems. cPacket AI insights streamline proactive, reactive, and compliance workflows by:

- **Simplifying troubleshooting:** Feeding the right information at the right time to solve the right problem.
- **Facilitating human / AI collaboration:** Natural language queries and contextual responses through your preferred LLM and visualization tools.
- **Reducing noise:** Zero-touch, AI-powered baselines and real-time anomaly detection surface the most critical issues.
- **Enabling proactive monitoring:** Anticipating issues before they escalate, detecting threats earlier, and continuously optimizing performance.

Built for What Comes Next.

cPacket's open and flexible architecture is designed to help customers scale their networks as their businesses grow, applications evolve, and regulatory environments change. As AI innovation continues, our observability platform will deliver repeatable value across teams, tools, and tech stacks by:

- **Keeping pace with faster networks:** 1-400Gbps hybrid observability today, scaling to support next-gen speeds for future AI workloads. cPacket was built for this.
- **Democratizing access to packet data:** Integrating with existing tools as use cases evolve.
- **Supporting open ecosystems:** Leveraging open APIs, MCPs, LLMs, and agentic frameworks to maximize value and reduce complexity.
- **Compounding ROI:** Improving your MTTI, MTTD, and MTTR with greater operational efficiency with fewer tools today.

Ready to Strengthen your Network Observability Strategy?

Whether your organization is re-evaluating its network monitoring tools or expanding its infrastructure to meet growing demands, real-time network observability is essential. Contact cPacket Sales or visit **cpacket.com/contact** to learn how our **Unified Observability Platform** can maximize your ROI with actionable insights, better operational efficiency, and repeatable workflows.

About cPacket

cPacket's Unified Observability Platform empowers organizations to deliver reliable, secure, and high-performing digital experiences. By uniting packet-level visibility with AI-driven insights, cPacket enables faster decisions, reduces risk, and improves operational resilience across hybrid and multi-cloud environments. Trusted by leaders in finance, healthcare, government, and technology. Visit **www.cpacket.com** to learn more.

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