

AI-Driven Network Intelligence for AWS & Hybrid Cloud Migration

Packet-Level Truth · Hybrid Cloud Intelligence · AI-Powered Root Cause

THE CHALLENGE OF SEEING ACROSS HYBRID CLOUD

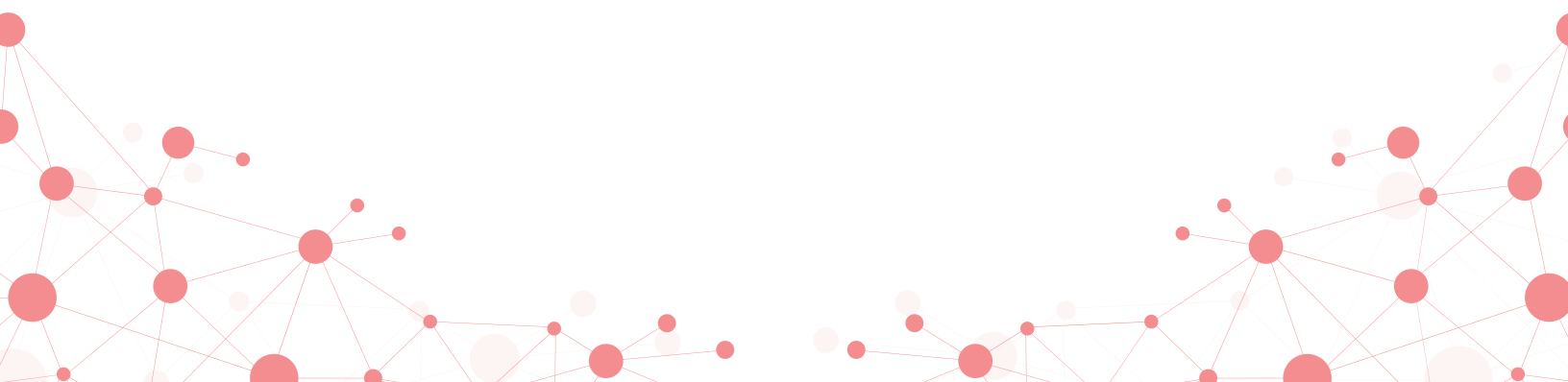
Modern applications no longer reside in a single place. They traverse on-premises data centers, AWS VPCs, Transit Gateways, Direct Connect links, edge platforms, and third-party carrier networks—often within a single transaction. While AWS delivers rich native telemetry, these signals stop at the cloud boundary. What happens between environments, across handoffs, or inside the actual packets carrying application traffic is often invisible.

When performance degrades, teams are left piecing together partial signals from multiple tools. Was the issue caused by a cloud change, a network misconfiguration, a transport provider, or the application itself? Without packet-level evidence, incidents turn into war rooms, MTTR stretches from minutes to hours, and accountability dissolves into finger-pointing.

DETERMINISTIC VISIBILITY, END TO END

Cirries DART AI™ was purpose-built to close this visibility gap. Designed specifically for hybrid cloud environments, DART AI combines real-time packet intelligence with AWS-native telemetry and AI-assisted analytics to deliver deterministic, end-to-end observability across the full application delivery path.

Unlike tools that rely on sampled metrics or inferred behavior, DART AI observes 100% of live traffic—without storing payloads—and extracts rich, session-aware metadata that explains how applications behave under real-world conditions. Latency, jitter, packet loss, retransmissions, and throughput are measured continuously and correlated across on-prem, cloud, edge, and carrier networks.



DESIGNED TO DEPLOY AT CARRIER SCALE

DART AI uses software-based sensors that can be deployed in core, transport, edge, cloud, or virtualized environments. No agents are required on subscriber devices or applications. The platform scales horizontally with traffic growth, subscriber expansion, and new service launches—supporting today's networks and tomorrow's architectures.

REAL-WORLD CARRIER USE CASES

Network operators rely on DART AI for:

- 5G and private 5G SLA assurance
- Enterprise, wholesale, and MVNO SLA validation
- Cloud-native core and edge service monitoring
- SLA dispute resolution with partners and customers
- Regulatory and compliance reporting

MEASURABLE BUSINESS IMPACT

With DART AI, carriers reduce SLA penalties and churn, resolve faults faster with evidence, improve transparency with customers, lower operational costs through AI-assisted diagnostics, and strengthen their position in SLA negotiations and renewals.

WHO IT'S FOR

DART AI is built for Mobile Network Operators, fixed and converged carriers, wholesale and MVNO providers, and private 5G or managed network operators who require deterministic performance and provable assurance.

ABOUT CIRRIES TECHNOLOGIES

Cirries Technologies delivers AI-driven network intelligence solutions that help carriers assure SLAs, protect revenue, and operate complex, multi-domain networks with confidence.

BUILT FOR MISSION-CRITICAL USE CASES

DART AI supports a range of high-impact hybrid cloud scenarios:

Hybrid Cloud Migration Assurance: Establish pre-migration baselines, validate post-migration performance, and expose hidden bottlenecks across Direct Connect and cloud paths.

Application Performance Troubleshooting: Rapidly isolate whether issues originate in the network, cloud infrastructure, security controls, or the application—cutting MTTR from hours to minutes. **SLA & Service Assurance:** Continuously validate SLAs under live traffic with defensible, packet-based evidence suitable for contractual and regulatory requirements.

Cloud Network Security Validation: Detect blocked or misrouted flows, validate segmentation and Zero Trust policies, and correlate security changes directly to user impact.

SIMPLE, SCALABLE DEPLOYMENT

DART AI is deployed using lightweight, software-based sensors that run as virtual machines, containers, or cloud-native instances. Sensors operate out of band and non-intrusively, scale horizontally across hybrid environments, and require no application instrumentation or code changes.

MEASURABLE BUSINESS IMPACT

Organizations using DART AI consistently achieve faster incident resolution, reduced cloud migration risk, improved SLA compliance, clearer operational accountability, and lower overall operational overhead.

WHY CIRRIES TECHNOLOGIES

Cirries specializes in delivering network intelligence where complexity is highest, and visibility matters most. With DART AI, organizations gain deterministic observability and AI-driven insight precisely where traditional monitoring stops.

Cirries DART AI™ — Answers, not alerts.