



DART AI

The Next-Gen
Tool for Network
Observability.

CHALLENGES

Why AI for networks? Why now?

In today's ever expanding multi-faceted networks, the amount of data traversing networks is staggering and growing. The labor and time intensive investments to discover network bottlenecks, application latency, jitter or packet loss results in diminishing returns. Network anomalies and hardware faults are difficult to diagnose and affecting overall network performance.

With a dynamic network infrastructures that spans legacy, virtual and cloud, it is difficult to determine network trends, who is using what application, the application response time, or which area of the network is experiencing unacceptable performance.

THE CIRRIES SOLUTION

Does the root cause analysis, learns and adapts as your network changes to reduce downtime.

DART tracks SLA performance, identify trends, and detect issues , runs tests and uses AI to interpret the data and develop the remediation plan. It offers a proactive approach to identifying and mitigating potential security threats and operational issues, thereby enhancing overall network reliability and excellence. Capabilities include early detection and prevention and faster response times resulting in minimizing downtime and optimizing resources.

CIRRIES DART AI ON AWS

The advantages of DART on the AWS platform.

DART on the AWS platform offers several advantages, which stem from AWS's robust infrastructure, scalability, and advanced tools and services such as elastic compute resources that can scale to handle varying loads without performance degradation along with fault tolerance. DART processes 100% of packets, flows, logs, and alarms and helps in debugging and analyzing applications, identifying performance bottlenecks, and gaining insights for the network and each endpoint in the network.

DART on AWS offers a pay-as-you-go pricing model, allowing businesses to pay only for the resources they use and to identify and remediate network performance and security issues proactively.



CASE STUDY

MEC Solution for leading medical technology company.

THE CHALLENGE

The application requires network monitoring to ensure the remote operating robot's video quality meets SLA requirements for latency, jitter and overall performance.

THE SOLUTION

DART AI monitors latency and jitter in real time for each flow, providing an alert and remediation plan if KPIs are not being met. The solution will be deployed in over two hundred hospitals.

RESULTS

Cirries real-time data analysis, predictive maintenance capabilities and automated troubleshooting and resolution provide the customer with the confidence that the network will meet target KPIs.



**DART AI WITH AMAZON
BEDROCK INCREASES
NETWORK UPTIME.**

BENEFITS & FEATURES

DART AI can automate routine monitoring and initial diagnostic processes and easily handles vast amounts of data from any size networks, ensuring network KPI and SLA performance are met.



EARLY DETECTION AND PREVENTION

Predicts potential failures or degradations before they occur by analyzing historical data and recognizing patterns.



REAL-TIME ANALYTICS AND INSIGHTS

DART AI continuously observes network performance in real-time. This proactive approach allows for the early detection of anomalies and potential issues.



AUTOMATED REMEDIATION

DART AI rich dataset and automated testing results are fed into Amazon Bedrock models, which provides detailed remediation gameplan to significantly reduce MTTR.



COST SAVINGS

By utilizing DART AI and Amazon Bedrock, the downtime cost of as much as \$9,000 per minute, is substantially reduced.

DART

DATA ANALYSIS in REAL TIME



**GET STARTED WITH CIRRIES
SOLUTIONS ON AWS**