

# DART – NETWORK ASSURANCE AND ANALYTICS FOR CARRIER ETHERNET

DART Network Assurance and Analytics for Carrier Ethernet is a comprehensive solution designed to monitor, maintain, and optimize the performance of your fiber-optic network. With a range of key features and advanced analytics capabilities, DART ensures that your network operates optimally, meets customer SLA requirements, and provides valuable insights for effective network management.

## Key Features

### Real-time Performance Monitoring

- Gain deep insights into your network's performance metrics in real-time.
- Monitor latency, packet loss, and bandwidth utilization to identify and resolve bottlenecks promptly, ensuring optimal network performance.

### SLA Compliance

- Ensure your customers receive top-quality service by continuously monitoring QoS.
- Meet SLA commitments by tracking service availability, responsiveness, and reliability.

### Fault Detection & Diagnostics

- Proactively identify and resolve network faults with advanced detection and diagnostic capabilities.
- Minimize downtime and optimize uptime with efficient troubleshooting.

### Traffic Analysis and Capacity Planning

- Understand network traffic patterns and trends to plan capacity upgrades effectively.
- Improve resource allocation and meet growing bandwidth demands.

### Customizable Reporting & Analytics

- Access tailored reports and analytics to make data-driven decisions.
- Demonstrate network performance and SLA compliance with ease to stakeholders.

## Components of DART

**Performance Management:** Analyze crucial network metrics like usage, bandwidth utilization, traffic, telemetry, and events/traps to ensure optimal performance.

**Fault Management:** Utilize real-time monitoring and advanced analytics to identify and troubleshoot network issues, reducing costly downtime.

**Element Management:** Simplify network device management with tools for discovery, mapping, and tracking configuration changes.

**Reporting & SLA Compliance:** Generate transparent reports and ensure compliance with contractual commitments, reinforcing customer trust.



Data Analysis in Real Time



## Benefits of DART

**All-in-one Platform:** Network Performance and Analytics, SLA Reporting, and Network Planning on a single platform.

**Seamless Integration:** Easily integrate with Service Support portals and third-party products.

**Event/Alarm Notifications:** Receive timely notifications for all network devices.

**Efficient Network Management:** Discover, map, and track network devices by make and model with configuration change tracking.

**Virtual Circuit Management:** Real-time view of each virtual circuit's metrics, with the ability to add and delete circuits as needed

**SLA Reports:** Ensure contractual commitments are met with comprehensive SLA reports for each customer.

**Automated Alerts:** Receive automated alerts and workflows for reduced MTTR.

## Use Cases:

**Network Operators:** Optimize network performance, ensure SLA compliance, and efficiently manage network resources with real-time insights and fault resolution.

**Service Providers:** Meet customer expectations and contractual commitments by continuously monitoring QoS and providing transparent SLA reports

**Network Administrators:** Simplify network device management, track configuration changes, and plan capacity upgrades effectively based on traffic analysis.

# Unlock the true potential of your Carrier Ethernet network with DART.

Empower your team with real-time insights, streamlined management, and proactive fault resolution. Experience reliable and efficient network performance while meeting SLA commitments effortlessly. Join the ranks of satisfied customers who have chosen DART for exceptional network assurance and analytics.

For more information and inquiries, please contact [sales@cirries.com](mailto:sales@cirries.com).