



DART - NETWORK EXCELLENCE SERVICE ASSURANCE

PRODUCT DATA SHEET

Managed Services Providers (MSPs) and Enterprises can cost-effectively ensure the performance of their networks with the introduction of Cirries' new cloud-based Network Excellence Service Assurance Platform. Based on Cirries' DART, organizations can ensure network excellence by utilizing a unique collection of next-generation network tools for monitoring, securing, and traffic engineering the network to guarantee the best possible user experience.

DART helps maximize network uptime and overall network performance. A user can start small and grow large as the network expands.



NETWORK, USER EXPERIENCE & APPLICATION PERFORMANCE MONITORING

Getting to Know Your Network

Cirries' DART is a holistic network, user experience, and application performance monitoring software (NPM, UX and APM). DART makes complete visibility possible across physical, virtual, software defined, and cloud network infrastructures. Cirries' wire data processors - PacketPoint - are deployed strategically to build network metadata that is forwarded to the DART running in AWS with a web-based GUI. DART tracks all network flows and application transactions across data centers and virtual environments, north-south and east-west, with a comprehensive set of network monitoring tools. The result? All user experiences and all applications and server performances become known and visible to ensure quality of experience (QoE) across the organization.

PacketPoints can be deployed in an existing server in a Data Center, in a pre-configured shelf platform provided by Cirries including a server, TAPs and Cables or deployed virtually in VMs and Containers. All environments can be online in minutes and forwarding information on every transaction in the network.

DART analyzes all network traffic and all application transactions in real time. It produces hundreds of detailed metrics on voice, video and application performance. DART detects network bottlenecks, application latency, and web application issues. It gathers these performance metrics from network packet sensors and metadata sensors, then processes and stores them in a centralized time-series database. This architecture allows a baseline of overall network and application performance, which enables network and IT professionals to identify network and application/server trends and anomalies right away.



PERFORMANCE METRICS FOR EVERY USER, APPLICATION, NETWORK ELEMENT, AND LINK

Pinpointing the location of network problems

Network and IT teams can access a comprehensive set of Key Performance Indicators (KPIs) to pinpoint network, infrastructure and application performance through a single troubleshooting interface:

- TCP Performance
- RTP Metrics
- Network Usage
- User Experience
- Application Performance
- Voice, Video QoE

With today's dynamic network infrastructure that spans legacy, virtual and cloud, it is difficult to know network trends, who is using what application, the application response time, or which area of the network is experiencing unacceptable performance.

DART helps the network and IT teams understand the geography of their network and application flows, where usage is high, when response time is long and when voice and video sessions are experiencing poor quality.

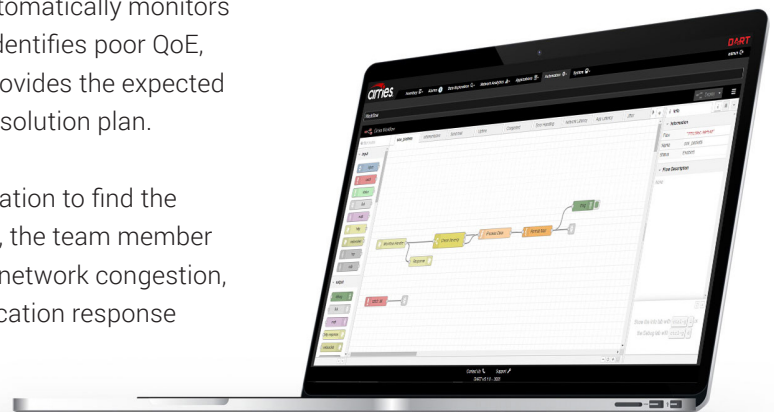
With a simple click, team members are able to determine where the issues are located, who is impacted the greatest and the length of time they have experienced poor quality.

AUTOMATED ACTIONS AND DRILL DOWN

Cutting the time it takes to find and fix network problems

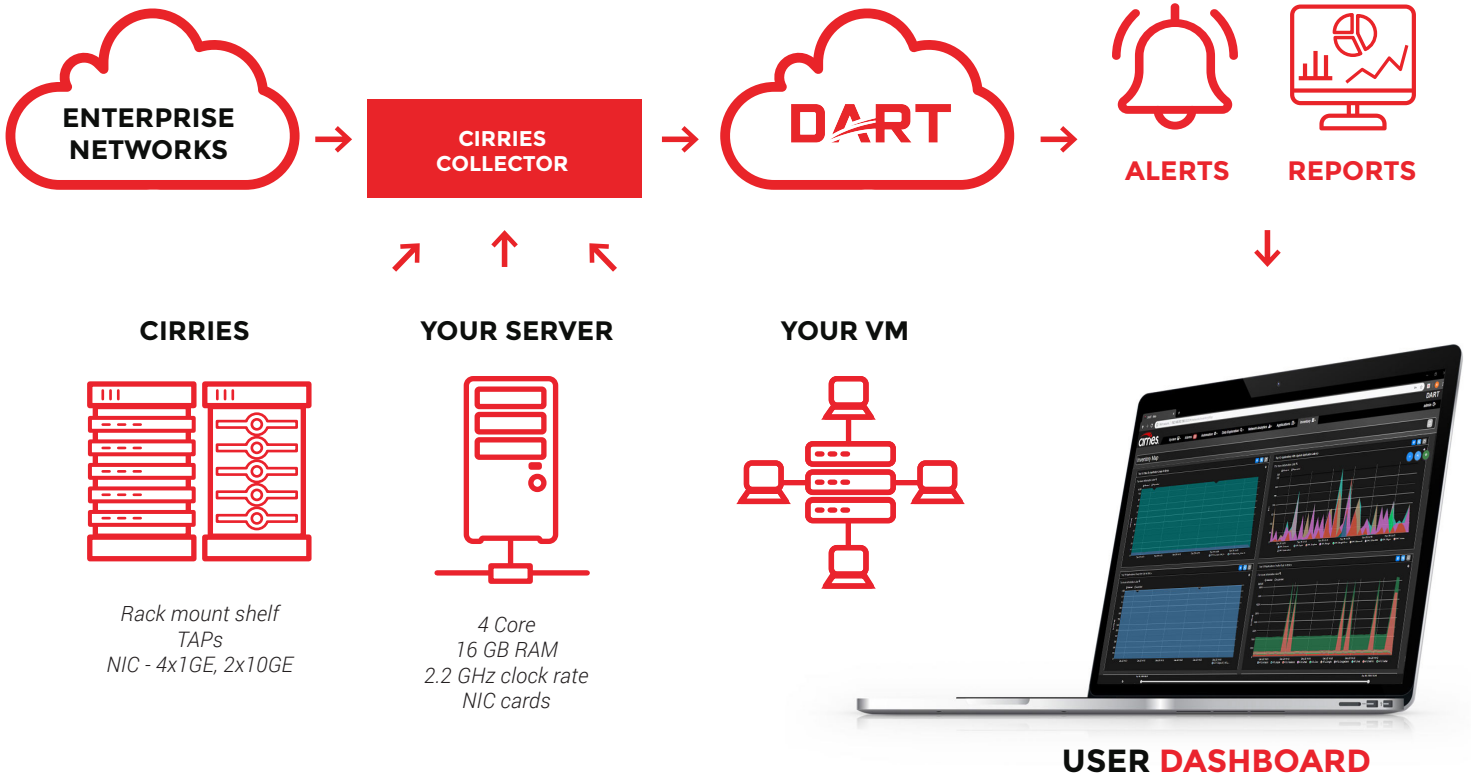
In every second of every day, DART makes it known to network and IT teams of any user or device experiencing poor performance. DART automatically monitors and displays these metrics. If a threshold is exceeded that identifies poor QoE, DART automatically notifies the network and/or IT teams, provides the expected cause of the network or application issue, and suggests a resolution plan.

DART also provides drill down capabilities for rapid fault isolation to find the issue creating performance degradation. Within a few clicks, the team member will be able to see where the issue is and what is causing it: network congestion, retransmissions, lost packets, high CPU occupancy, or application response issues.



Create automated alerts and workflow initiation.

THE ARCHITECTURE



ALWAYS THE LATEST SOFTWARE AT A FIXED COST

With the depth of analytical insights of your network performance provided by DART, including converting raw packets to metadata and correlating to other network metadata, Cirries offers unsurpassed visibility for the enterprise network.

DART by Cirries enables the implementation of superior network performance solutions by streamlining the holistic process of network data collection, analysis, and management. The simplification of network data collection and analysis reduces the burden of tedious manual reviews of metrics, allowing your team to focus their talent on the network management decisions that require human judgment and expertise.

If you are interested in optimizing network performance and planning for sustained network excellence, contact Cirries today.

ABOUT CIRRIES

Cirries unleashes the full value and potential of any kind of network for full visibility in real-time with our high performance, extremely adaptable platform. For over fourteen years Cirries has provided data solutions to customers worldwide enabling increased network efficiency. The company is based in Richardson, Texas with offices in Bolivia, Mexico, and India.