The Challenge
Digital transformation, the mass migration of applications to the cloud, the adoption of hybrid and SD-WAN and the move to a cloud-based Secure Access Service Edge (SASE) are putting unprecedented pressures on IT teams. IT no longer owns or controls much of the applications, infrastructure and networks that users rely on. Yet, IT is still responsible for customer and employee digital experiences that drive revenue, brand, engagement and productivity. Sinefa and Gigamon offer a Digital/Experience Monitoring solution that puts critical insights back into the hands of IT.

Joint Solution Benefits
- Enhanced application performance and user experience—Deliver a good user experience through pervasive visibility and effective management and know exactly what applications are on the network
- Find and fix network application performance issues faster—Detailed application and network knowledge allows for swift and effective troubleshooting, tracking, and resolution
- Application intelligence for all your customers—Deliver dedicated and detailed application visibility to all your customers with added value to core services
- Save costs by running a smart network—Optimize the network by focusing resources in the right areas—run the network “lean and mean”
- Cloud-based for fast deployment and integration—Gigamon’s pervasive Visibility and Analytics Fabric™ (VAF) complemented by Sinefa’s automation capabilities make for a fast and hassle-free deployment; being cloud-based, ongoing management is a breeze

The Gigamon and Sinefa Joint Solution Overview
Sinefa and Gigamon have partnered to enable Digital Experience Monitoring from any user to any application over any network. Enterprise IT teams can understand every application’s user experience and how it compares to industry benchmarks, see the whole network path between users and internal and cloud apps, and gain granular, real-time views of users’ application traffic.

Managed Service Providers (MSPs) can quickly provide customer-facing user experience and application visibility to all their customers via a hassle-free deployment without additional inline appliances. Sinefa and Gigamon together scale to provide visibility into many tens of gigabits and thousands of customers in a single node.

Gigamon reduces SPAN and port density limitations and offers efficient ways to allow Sinefa to analyze application traffic on all key segments. The combined solution greatly increases network and application intelligence and vastly speeds up resolution times of application performance issues.

How the Joint Solution Works
Digital Experience Monitoring
The Sinefa and Gigamon joint solution provides the most scalable visibility into digital experience and application delivery available today. Customers first tap into a number of different traffic segments, physical (100Mb to 100Gb links) or virtual, using the Gigamon Visibility and Analytics Fabric (VAF). Then, through intelligent filtering and advanced packet intelligence like header stripping, 5G CUPS Correlation, GTP Correlation, Flow Sampling, and Application Filtering Intelligence, the VAF sends only the desired traffic to Sinefa for analysis.

With a cloud-based architecture and intelligent probes, Sinefa can be rapidly deployed. Based on a behavioral analytics engine, Sinefa is able to detect over 6,000 different applications including Skype and different Skype actions, Bittorrent, streaming applications, social applications, and many more. It can identify HTTP URLs, HTTPS common names, proxied traffic, and TOR, and its engine is continually updated via the cloud to identify new and changing applications. Sinefa can produce URL reports and Active Directory username reports. For presentation, Sinefa offers customer portals with dashboards and customizable widgets, drill down to real-time, second-by-second views of user-specific application conversations, report sharing and PDFs.

The combination of Sinefa’s customer segmentation technology and Gigamon VAF enables a myriad of different applications for slicing, dicing, and presenting Layer 7-aware traffic to different stakeholders. Gigamon’s versatile network traffic acquisition and intelligent filtering capabilities combined with Sinefa’s geographical clustering enables scalable analysis at any speed and flexible, per user presentation on a per-customer basis.
About Gigamon
Gigamon provides an intelligent Visibility and Analytics Fabric™ to enable the management of increasingly complex networks. Gigamon technology empowers infrastructure architects, managers and operators with pervasive visibility and control of traffic across both physical and virtual environments without affecting the performance or stability of the production network. Through patented technologies, centralized management and a portfolio of high availability and high-density visibility nodes, network traffic is intelligently delivered to management, monitoring and security systems. Gigamon solutions have been deployed globally across enterprise, data centers and service providers, including over half of the Fortune 100 and many government and federal agencies.

About Sinefa
Sinefa is a digital experience monitoring platform that delivers visibility into the entire service delivery chain from endpoint devices across internal and external networks, through applications and APIs, enabling you to plan smarter, deploy easier, resolve issues faster, and run your business smoother. Sinefa deploys in minutes in your branches and cloud VPCs, combining insights from real user traffic, synthetic app and network path measurements, and application and API feeds, and adds collective insights into your users’ application experience from a massive global base of real enterprise users. Sinefa makes it easy for any organization to solve complex digital experience problems, and to turn insights into action that prioritizes your business applications.

For more information on Gigamon and Sinefa, visit: www.gigamon.com and www.sinefa.com