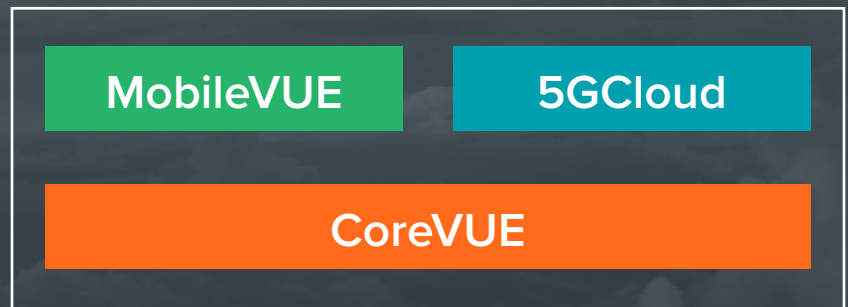


Gigamon MobileVUE and 5GCloud for Service Provider Operations

Tiered Bundles of GigaSMART Applications for Addressing the Growing Visibility Needs of Your Service Provider Operations Teams

Network changes from digital transformation and 5G evolution initiatives require service provider operations to run fast and adapt rapidly — or become obsolete.

Gigamon MobileVUE and 5GCloud for Service Providers can help. These tiered bundles of GigaSMART® applications provide complete network and subscriber visibility to increase the efficiency of network monitoring, security and customer experience tools for both physical and virtual core deployments.



See Figure 1



KEY FEATURES

- Tiered bundles of network-traffic and subscriber-intelligence capabilities, offered as cost-effective subscription licenses
- Option to upgrade to or add other bundles
- Functionality ranges from packet slicing and tunneling to advanced capabilities like 5G correlation, GTP correlation, and session sampling and selective forwarding

KEY BENEFITS

- Meet your organization's operational and budget needs
- Ability to upgrade as your needs grow and change
- Maintain complete subscriber sessions for mobile and VoIP monitoring and analysis
- Selectively reduce volume of user plane or data plane traffic to avoid tool overload

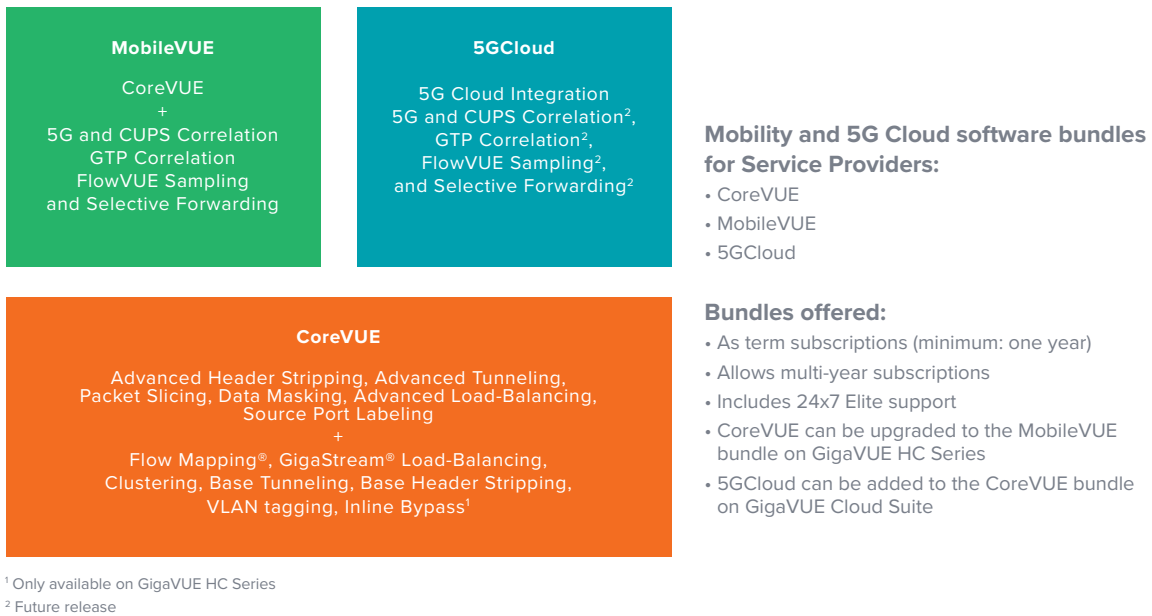


Figure 1: MobileVUE and 5GCloud for Service Providers: GigaSMART Subscription Bundles

Service Provider Operations Challenges

Today’s rapid digital transformation and network evolutions from 10G and 40G to 100G, physical to network function virtualization (NFV), and 4G to 5G mobile are disrupting service providers and forcing your service operations teams to be agile and evolve to adapt — or become obsolete. Pervasive visibility into data in motion, applications and services across your infrastructure requires you to aggregate, filter, correlate intelligently and distribute the right traffic to the appropriate tools.

Coherent distribution of multi-session traffic, like control and user sessions or signaling and data sessions, to monitoring, analytics and security tools is a common challenge for service provider operations — especially as traffic volumes increase per subscriber and more devices (Internet of Things (IoT), for example) are serviced by the network.

Since the user and data plane sessions represent the bulk of the traffic volume, and typically exceed the capacity of a single monitoring device, it’s desirable to reduce the volume of user or data traffic and distribute it to monitoring tools in a controlled manner.

THE SOLUTION

Gigamon offers two bundles of GigaSMART applications as subscription services (minimum one year) that provide pervasive network, application and security visibility for your service operations teams. The two tiers of bundles for mobile core network operations, to be implemented with the Gigamon® Deep Observability Pipeline and which vary slightly for physical and virtual, are:

CoreVUE

A base GigaSMART bundle that includes core traffic intelligence for operations teams (see Figure 1).

Key benefits:

- Maintain regulatory compliance by obfuscating or removing sensitive data
- Enable monitoring of virtualized traffic by multiple physical tools
- Identify the packet's source for traffic brokering flexibility

5GCloud (for GigaVUE Cloud Suite)

An “add-on” GigaSMART bundle that includes 5G cloud integrations. 5G cloud integrations include Ericsson vTap and F5 AspenMesh. Subscriber intelligence will be added in a future release.

Key benefits:

- Acquire traffic from Kubernetes-based service mesh and network equipment vendor provided 5G cores.
- Transform header-less service-based communication into standard layer 2 Ethernet packets

MobileVUE (for GigaVUE HC Series)

An “all-inclusive” GigaSMART bundle that includes CoreVUE and subscriber intelligence, such as GTP Correlation, 5G & CUPS Correlation and FlowVUE Sampling and Whitelisting.

Key benefits:

- Bring subscriber awareness to your network operations center (NOC), helping tools to be more effective, by coherent delivery of sessions for each subscriber to each monitoring application
- Forward only a portion of user and data traffic by sampling based on percentage or filter on identifiers, such as key subscribers or mobile device types

Get the Visibility You Need for Success

Rapid digital transformation and network evolution from 10G and 40G to 100G, physical to NFV, and 4G to 5G mobility are disrupting service providers and forcing your operations teams to be agile and rapidly evolve to adapt — or become obsolete. Gigamon MobileVUE and 5GCloud bundles provide the pervasive visibility into data in transit, applications and services across your infrastructure to optimize the content and delivery for distributing the right traffic to the appropriate tools. By offering flexible tiered MobileVUE and 5GCloud subscription bundles to meet your growing visibility needs, Gigamon enables your operations teams to run fast and make better decisions during your digital transformation and network evolution journey.

**For more information on GigaSMART applications please read the data sheet.
Learn more at <https://www.gigamon.com/solutions/for-serviceproviders.html>.**