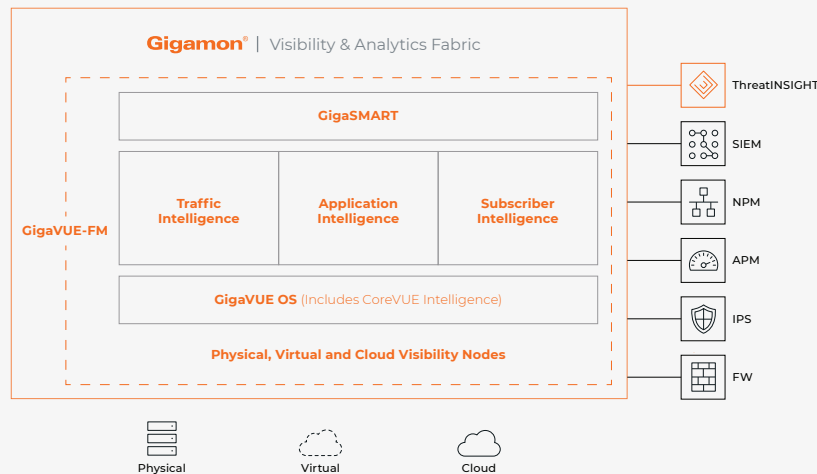


Manage Network Traffic with Advanced Intelligence

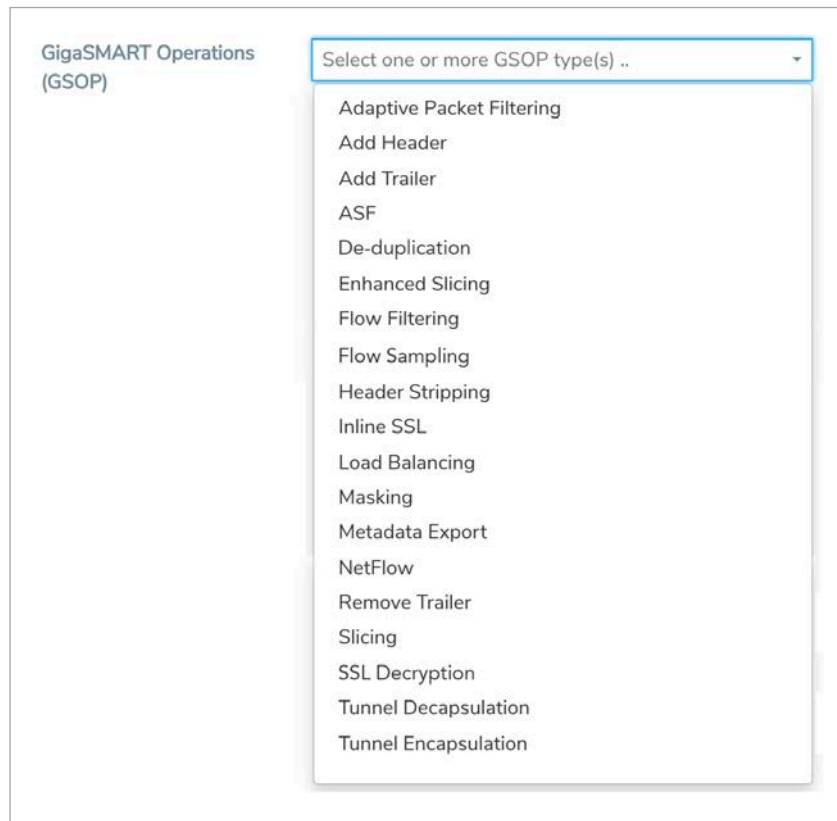
GigaSMART® is a broad set of intelligent applications that extend Gigamon Visibility and Analytics Fabric's ability to monitor physical, virtual and cloud infrastructures.



GigaSMART applications include those for traffic, application and subscriber intelligence.

Key Benefits

- Drop duplicate packets and eliminate superfluous header and payload content to improve tool accuracy and efficiency
- Offload NetFlow generation from routers and switches to focus on their core function
- Filter streaming media or any application to optimize tools capacity
- Identify and block rogue or shadow IT applications
- Find and throttle back or stop bandwidth hogs to improve network performance
- Generate contextual metadata to expedite and simplify incident detection and response and expedite troubleshooting and remediation
- Decrypt SSL/TLS traffic once and deliver it to multiple tools for inspection, allowing tools' resources to focus on their primary tasks
- Precisely control exposure of personal information (SSN, credit card number, etc.) and stay compliant with regulatory requirements such as HIPAA and GDPR
- Leverage key service provider network features to offer superior mobile end-user performance in advanced 5G environments
- Rapidly provision integrated ThreatINSIGHT Sensors with high metadata throughout to support rapid network detection and response



GigaSMART applications run on specialized GigaSMART advanced-processing engines and perform functions on the traffic in real time to improve network visibility and improve security and other tools' performance. Access the GigaSMART advanced processing engines from any GigaVUE® HC series node, without port or card-based restrictions, and combine GigaSMART engines to manage higher traffic loads and optimize for specific applications. The GigaSMART applications are categorized as follows:

Traffic Intelligence

Adaptive Packet Filtering, Advanced Load Balancing, De-Duplication, Header Stripping, Masking, NetFlow Generation, Slicing, Advanced Flow Slicing, SSL/TLS Decryption and Tunneling

Application Intelligence:

Application Filtering, Application Metadata, Application Visualization and Video Data Records

Subscriber Intelligence

5G and 4G LTE CUPS Correlation, GTP Correlation, Flow Sampling and SIP/RTP Correlation and Subscriber-aware Metadata

Top Use Cases

Network Operations

- Eliminate contention for network data due to SPAN port limitations
- Reduce or eliminate network downtime during upgrades
- Avoid data-speed mismatches between the network and tools
- Effectively filter streaming media or any of 3,000+ applications to optimize tool processing
- Access and monitor network data within SDN and private cloud environments
- Access subscriber traffic in the GTP user plane tunnels by correlating and passing the identified subscriber’s control and data sessions to the analytics/monitoring probes and/or billing subsystems

Security Operations

- Automatically identify and decrypt SSL traffic and deliver it to multiple tools for inspection
- Generate 5,000 metadata elements to expedite and simplify incident detection and response
- Collect, aggregate and distribute relevant data to the right security tools
- Identify, classify, extract and take appropriate actions on irrelevant applications such as Netflix and Facebook to improve tool utilization and efficiency
- Expedite sending mapped traffic metadata to ThreatINSIGHT for automated threat detection and forensics

Key Features and Benefits

Traffic Intelligence

De-Duplication

Remove duplicate packets based on user-definable packet comparison criteria and duplicate detection window.

- Offload de-duplication function from tools, increasing their capacity
- Enable forensics tools to store more data

Source Port Labeling

Add labels to packets indicating the ingress port.

Identify the source of the packet for traffic brokering flexibility

Heading Stripping/Protocol De-Encapsulation

Remove heavy tagging and encapsulation protocol headers (e.g., multiple VLANs, VN-tag, MPLS, GRE, GTP) including custom protocols.

Allow any and all tools to more effectively monitor the network traffic of any type.

Advanced Load Balancing:

- Distribute traffic among multiple ports based on a variety of options: hashing, bandwidth, cumulative traffic, packet rate, connections and round robin
- Balance packets based on L2-L4 criteria inside heavy tagging and encapsulation (e.g., multiple VLANs, VN-tag, MPLS, GRE, GTP)

- Assign custom traffic percentages or weights for distribution to tools
- Ensure desirable balancing for all traffic types

Traffic Intelligence

Adaptive Packet Filtering

Filter packets based on L2-L4 rules inside heavy tagging and encapsulation (e.g., multiple VLANs, VN-tag, MPLS, GRE, GTP).

- Enhance visibility into tunneled application flows
- Maintain regulatory compliance by obscuring sensitive data
- Optimize monitoring tools by selectively trimming traffic flow

Packet Slicing

Remove all packet payload starting from L2, L3 or L4 header reference.

- Allow tools to operate more effectively by forwarding less traffic volume and more packets
- Maintain regulatory compliance by removing sensitive and private data

Advanced Flow Slicing

Forward initial number of packets in each flow, then drop or slice the rest of the flow's packets.

Reduce amount of traffic to forward and thereby improve efficiency and effectiveness of tools without impacting visibility.

Data Masking

Dynamically identify and overwrite specific packet content.

Maintain regulatory compliance by obfuscating sensitive and private data without removing the packet payload.

Advanced Tunneling

- Terminate remote spanning tunnels (L2GRE, ERSPAN, TCP, VXLAN)
- Initiate and terminate tunnels between nodes (L2GRE, VXLAN)

- Allow monitoring of virtualized traffic by multiple physical (on-premises) tools
- Reliable delivery (via TCP) from cloud/virtual infrastructures

SSL/TLS Decryption

- Passively or actively decrypt SSL v3 and TLS 1.0-1.3 encrypted flows
- Forward decrypted traffic to out-of-band tools, inline tools or both

- Decrypt once to feed many tools
- Gain full visibility into encrypted traffic to detect any malware
- Reduce processing load on each tool by centralizing encryption

NetFlow Generation

- The process of collecting IP traffic information and monitoring network traffic (Layers 2 to 4)
- Send to up to four collectors

- Send reliable, full-traffic (vs. sampled) network flow data to tools, such as forensics for analysis
- Offload NetFlow generation from the routers and switches to improve their core performance
- Support various formats such as IPFIX (NetFlow v10) and CEF for ingestion by analytic tools

Threat Intelligence

Integrated ThreatINSIGHT Sensor

Rapidly provision on GigaVUE HCI with Gen3 GigaSMART modules via Fabric Manager to collect and send rich metadata to the SaaS based ThreatINSIGHT NDR solution

Critical component to the automated traffic collection process that increases total infrastructure coverage, provides connection monitoring and enables a single integrated Gigamon solution

Application Intelligence

Application Filtering

- Filter traffic based on over 3,000+ applications
- Define custom applications

- Forward traffic for only those applications of interest, or drop only those that are not of interest
- Extract and treat each application, or family of applications, uniquely based on threat potential and each tool's needs
- Bring application-awareness to your SOC and NOC, helping teams make better decisions faster

Application Metadata

- Forward contextual data for Layers 2 to 7 in IPFIX (NetFlow v10) or CEF formats
- Provide 5,000 metadata elements across applications
- Send to up to 4 collectors

- Automatically generate protocol and application attributes that are otherwise not attainable
- Improve performance, security and customer experience with additional visibility
- Dynamically detect and obtain the latest updated AMI attribute database

Application Visualization

Identify and display traffic metrics for over 3,000+ applications.

- Improve troubleshooting and capacity planning of your network and monitoring infrastructure
- Categorize applications into web, social media, email, etc.
- Dynamically detect and obtain the latest updated application signature database

Subscriber Intelligence

5G and 4G LTE CUPS Correlation

Supports Control and User Plane Separation (CUPS) in 5G and 4G networks, where Gigamon nodes in different locations share session information to ensure accurate correlation of control and user plane sessions. Correlates subscriber, user device, RAN and network slice identifiers with corresponding tunnel endpoint IDs.

- Provides granular 'subscriber awareness' visibility into 5G and 4G infrastructures to improve efficiency and effectiveness of network monitoring and broadens security coverage
- Significantly reduces network loading using targeted filtering or sampling and load balances resultant traffic including stateless sessions based on TCP, SIP and N11, across multiple tool instances

GTP Correlation

Coherently filtering and/or balancing, keeping control and user plane sessions together.

- Ensure each monitoring tool gets to see all mobile core sessions associated with a user or domain.

SIP/RTP Correlation

Coherently filtering, stateful whitelisting, sampling, and/or balancing, keeping signaling and media data plane sessions together.

- Optimize tools for monitoring VoIP and VoLTE traffic for voice quality, troubleshooting and voice recordings
- Ensure each monitoring tool gets to see all real-time media sessions associated with a user

Subscriber Intelligence**Stateful Flow Sampling (FlowVUE)**

Stateful user session sampling based on subscriber ID (IMSI/SUPI), user device ID (IMEI/PEI), RAN ID (ECGI/NCGI) and/or Network Slice ID (NSSAI), including allocation of separate samples for each tool port or tool port group from a common pool of correlated control and user plane data.

- Achieve meaningful network monitoring without monitoring every user's or domain's sessions
- Selectively reduce traffic bound to monitoring and analytic tools

Subscriber-aware Metadata

Application metadata records coherently organized on a subscriber (or device, or network) basis and forwarded to collectors

- Provide subscriber-aware protocol and application attributes to facilitate coherent application analytics for mobile networks
- Improve mobile network customer experience and security management with additional visibility

Video Data Records

Leverage IPFIX metadata records for transporting and sending snippets of video stream packets to tools.

- Allows GigaSMART modules to process video records for video tools instead of having to use their probes
- Supports Nokia AVA Telco AI Ecosystem

GigaSMART Performance¹**Product****Description****GigaSMART for GigaVUE-HC3**

- 2 GigaSMART engines with 100Gbps processing power per module
- 5 x 100Gb QSFP ports
- Includes slicing, masking, source port and GigaVUE tunneling de-encapsulation
- Port modes: 1 x 100Gb, 1 x 40Gb, 4 x 25Gb*, or 4 x 10Gb*
- Up to 4 GigaSMART modules can be populated per GigaVUE-HC3 to provide scalable performance up to 800Gbps

GigaSMART for GigaVUE-HC2

GigaSMART front modules, two options:

- Gen1:
 - Processing up to 40Gbps
 - Includes 16 SFP+/SFP ports
- Gen2:
 - Processing up to 80Gbps
 - Includes 2 x QSFP+ and 8 x SFP+/SFP
- Includes slicing, masking, source port and GigaVUE tunneling de-encapsulation

Gen1 GigaSMART rear module:

- Processing up to 40Gbps
- No additional ports
- Includes slicing, masking, source port labeling and tunneling de-encapsulation

Up to 5 GigaSMART modules (front and rear) can be populated per GigaVUE-HC2 to provide scalable performance up to 360Gb

Product	Description
GigaSMART for GigaVUE-HC1	Integrated Gen2 GigaSMART: <ul style="list-style-type: none"> · Processing up to 20Gbps · Does not include any GigaSMART features by default Gen3 GigaSMART front module: <ul style="list-style-type: none"> · Processing up to 80Gbps · Includes slicing, masking, source port tagging and tunneling de-encapsulation

¹ Performance reflects processor speed and not bandwidth, which is dependent upon packet size, packet rate and specific GigaSMART applications applied.

*Requires MPO-to-4xLC breakout cable or PNL-M341 module for G-TAP M Series

TLS Performance Specifications

Values reflect the maximum available number of latest generation GigaSMART modules per chassis

INLINE

Model	Maximum Connections/Sec.	Maximum Throughput (Gbps)	Maximum Concurrent Connections
GigaVUE HC3	40,000	64	1,600,000
GigaVUE HC2	22,000	34	900,000
GigaVUE HC1	1,500	2	100,000

OUT OF BAND

Model	Maximum Connections/Sec.	Maximum Throughput (Gbps)	Maximum Concurrent Connections
GigaVUE HC3	272,000	148	8,000,000
GigaVUE HC2	146,000	84.6	5,000,000
GigaVUE HC1	9,400	6.7	880,000

Notes

Tested with TLS_AES128_SHA256 cipher suite
 Throughput based on 2MB file (Inline) and 1MB file (Out of Band)
 Concurrent connections and connections/second based on 1 Byte file
 For Inline specifications, Outbound and Inbound modes are identical
 Performance specifications per model are measured independently
 Values are based on Gigamon internal lab tests and actual results in production could vary

Product Specifications

PHYSICAL DIMENSIONS AND WEIGHT

GigaSMART Line Card/Module	Height	Width	Depth	Weight
For GigaVUE-HC3 fabric node	1.9in (4.7cm)	8.5in (21.7cm)	16.1in (41.0cm)	4.40lbs (2.00kg)
For GigaVUE-HC2 fabric node	1.6in (4.1cm)	8.0in (20.3cm)	10.2in (26.0cm)	4.40lbs (2.20kg)
GigaSMART front plus 16 x 10Gb module				
For GigaVUE-HC2 fabric node GigaSMART rear module	1.6in (4.1cm)	9.3in (23.5cm)	13.2in (33.6cm)	4.39lbs (1.99kg)

Ordering Information

GIGASmart FOR THE GIGAVUE-HC3 FABRIC NODE

Part Number	Description
SMT-HC3-C05	GigaSMART, GigaVUE-HC3, 5x100G QSFP28 cages (includes Slicing, Masking, Source Port and GigaVUE Tunneling (L2GRE and VXLAN) De-Encapsulation SW)
SMT-HC3-DD1	GigaSMART, GigaVUE-HC3, De-Duplication Feature License per GigaSMART module
SMT-HC3-HS1	GigaSMART, GigaVUE-HC3, Header Stripping Feature License per GigaSMART module
SMT-HC3-AT	GigaSMART, GigaVUE-HC3, Advanced Tunneling: (Tunnel Encapsulation for L2GRE and VXLAN and ERSPAN Termination) Feature License per GigaSMART module
SMT-HC3-AFS	Advanced Flow Slicing (1 Month) for GigaVUE-HC3 (12-month Minimum). *Includes bundled Elite Support
SMT-HC3-APF	GigaSMART, GigaVUE-HC3, Adaptive Packet Filtering Feature License per GigaSMART module
SMT-HC3-AFI	Application Filtering Intelligence (1 Month) – GigaVUE-HC3 (12-month Minimum). *Includes bundled Elite Support
SMT-HC3-AMI	SMT-HC3-AMI Application Metadata Intelligence (1 Month) – GigaVUE-HC3 (12-month Minimum). *Includes bundled Elite Support
SMT-HC3-NF1	GigaSMART, GigaVUE-HC3, NetFlow Generation Feature License per GigaSMART module
SMT-HC3-SSL	GigaSMART, GigaVUE-HC3, SSL Decryption for Out-of-Band Tools Feature License per GigaSMART module
SMT-HC3-SIPMAX	GigaSMART, GigaVUE-HC3, SIP & RTP Correlation feature license per GigaSMART module, unlimited sessions

Part Number	Description
SMT-HC3-BN-CORE	CoreVUE GigaSMART software bundle for GigaVUE-HC3. Includes bundled Elite Support
SMT-HC3-BN-NV	NV NetVUE GigaSMART software bundle for GigaVUE-HC3. Includes bundled Elite Support
SMT-HC3-BN-NVP	NetVUE Plus GigaSMART software bundle for GigaVUE-HC3. Includes bundled Elite Support
SMT-HC3-BN-SV	SecureVUE GigaSMART software bundle for GigaVUE-HC3. Includes bundled Elite Support
SMT-HC3-BN-SV	SecureVUE Plus GigaSMART software bundle for GigaVUE-HC3. Includes bundled Elite Support
SMT-HC3-BN-MV	MobileVUE GigaSMART software bundle for GigaVUE-HC3. Includes bundled Elite Support
SMT-HC3-UPGBN-NV	Upgrade SKU from CoreVUE to NETVUE GigaSMART software bundle for GigaVUE-HC3. Includes bundled Elite support
SMT-HC3-UPGBN-SV	Upgrade SKU from CoreVUE to SecureVUE GigaSMART software bundle for GigaVUE-HC3. Includes bundled Elite support
SMT-HC3-UPGBN-SVP	Upgrade SKU from SecureVUE to SecureVUE Plus GigaSMART software bundle for GigaVUE-HC3
HC3-UPGBN-NVP	Upgrade SKU from NetVUE to NETVUE Plus GigaSMART software bundle for GigaVUE-HC3. Includes bundled Elite Support
SMT-HC3-UPGBN-MV	Upgrade SKU from CoreVUE to MobileVUE GigaSMART software bundle for GigaVUE-HC3. Includes bundled Elite support

GIGASMART FOR THE GIGAVUE-HC2 FABRIC NODE

Part Number	Description
SMT-HC0-R	GigaSMART, GigaVUE-HC2, Rear Module (includes Slicing, Masking, Source Port and GigaVUE Tunneling De- Encapsulation (L2GRE and VXLAN) SW
SMT-HC0-Q02X08	Gen2 GigaSMART, GigaVUE-HC2, Front Module, 2 40G cages, 8 10G cages (includes Slicing, Masking, Source Port & GigaVUE Tunneling De-Encapsulation SW); requires Control Card version 2
SMT-HC0-X16	GigaSMART, GigaVUE-HC2, Front Module, 16 10Gb cages (includes Slicing, Masking, Source Port and GigaVUE Tunneling De-Encapsulation (L2GRE and VXLAN) SW
SMT-HC2-DD1	GigaSMART, GigaVUE-HC2, De-Duplication feature license per GigaVUE-HC2 Gen2 GigaSMART module; requires SMT-HC0-Q02X08
SMT-HC0-DD1	GigaSMART, GigaVUE-HC2, De-Duplication Feature License per GigaSMART module
SMT-HC2-HS1	GigaSMART, GigaVUE-HC2, Header Stripping feature license per GigaVUE-HC2 Gen2 GigaSMART module; requires SMT-HC0-Q02X08
SMT-HC0-HS1	GigaSMART, GigaVUE-HC2, Header Stripping Feature License per GigaSMART module
SMT-HC2-AT1	SMT-HC2-AT1 GigaSMART, GigaVUE-HC2, Advanced Tunneling feature license per GigaVUE-HC2 Gen2 GigaSMART module; requires SMT-HC0-Q02X08
SMT-HC0-AT	GigaSMART, GigaVUE-HC2, Advanced Tunneling (Tunnel Encapsulation for L2GRE and VXLAN and ERSPAN Termination) Feature License per GigaSMART module

Part Number	Description
SMT-HC2-FVU	GigaSMART, GigaVUE-HC2, FlowVUE feature license per GigaVUE-HC2 Gen2 GigaSMART module; requires SMT-HC0-Q02X08
SMT-HC0-FVU	GigaSMART, GigaVUE-HC2, FlowVUE Feature License per GigaSMART module
SMT-HC0-AFS	Advanced Flow Slicing (1 Month) for GigaVUE-HC2 (12-month Minimum). *Includes bundled Elite Support
SMT-HC2-APF	GigaSMART, GigaVUE-HC2, Adaptive Packet Filtering feature license per GigaVUE-HC2 Gen2 GigaSMART module; requires SMT-HC0-Q02X08
SMT-HC0-APF	GigaSMART, GigaVUE-HC2, Adaptive Packet Filtering Feature License per GigaSMART module
SMT-HC2-AFI	Application Filtering Intelligence (1 Month) – GigaVUE-HC2 Gen2 GigaSMART module; requires SMT-HC0-Q02X08 (12-month Minimum). *Includes bundled Elite Support
SMT-HC0-AFI	Application Filtering Intelligence (1 Month) – GigaVUE-HC2 (12-month Minimum). Includes bundled Elite Support
SMT-HC2-AMI	Application Metadata Intelligence (1 Month) – GigaVUE-HC2 Gen2 GigaSMART module; requires SMT-HC0-Q02X08 (12-Month Minimum). *Includes bundled Elite Support
SMT-HC0-AMI	Application Metadata Intelligence (1 Month) – GigaVUE-HC2 (12-month Minimum). Includes bundled Elite Support
SMT-HC2-NFI	GigaSMART, GigaVUE-HC2, NetFlow Generation feature license per GigaVUE-HC2 Gen2 GigaSMART module; requires SMT-HC0-Q02X08
SMT-HC0-NFI	GigaSMART, GigaVUE-HC2, NetFlow Generation Feature License per GigaSMART module
SMT-HC2-DCRP	GigaSMART, GigaVUE-HC2, SSL/TLS Decryption for Inline and Out-of-Band Tools Feature License per GigaVUE-HC2 Gen2 GigaSMART module; requires SMT-HC0-Q02X08
SMT-HC0-SSL	GigaSMART, GigaVUE-HC2, SSL Decryption for Out-of-Band Tools Feature License per GigaSMART module
SMT-HC0-INSSL	GigaSMART, GigaVUE-HC2, Inline SSL and Passive SSL Decryption feature license per GigaSMART module
SMT-HC0-UPGINSSL	GigaSMART, GigaVUE-HC2, SSL Decryption Upgrade for Inline Tools Feature License per GigaSMART module
SMT-HC2-GTPMAX	GigaSMART, GigaVUE-HC2, GTP Filtering & Correlation feature license per GigaVUE-HC2 Gen2 GigaSMART module, unlimited subscribers; requires SMT-HC0-Q02X08
SMT-HC0-GTP250	GigaSMART, GigaVUE-HC2, GTP Filtering and Correlation Feature License for 250K simultaneous subscribers per GigaSMART module
SMT-HC0-GTP500	GigaSMART, GigaVUE-HC2, GTP Filtering and Correlation Feature License for 500K simultaneous subscribers per GigaSMART module
SMT-HC0-GTPMAX	GigaSMART, GigaVUE-HC2, GTP Filtering and Correlation feature license per GigaSMART module, Maximum subscribers
SMT-HC2-SIP10	GigaSMART, GigaVUE-HC2, SIP & RTP Correlation feature license per GigaVUE-HC2 Gen2 GigaSMART module, 10K sessions; requires SMT-HC0-Q02X08
SMT-HC0-SIP10	GigaSMART, GigaVUE-HC2, SIP & RTP Correlation feature license per GigaSMART module, 10K sessions

Part Number	Description
SMT-HC2-SIPMAX	GigaSMART, GigaVUE-HC2, SIP & RTP Correlation feature license per GigaVUE-HC2 Gen2 GigaSMART module, unlimited sessions; requires SMT-HC0-Q02X08
SMT-HC0-SIPMAX	GigaSMART, GigaVUE-HC2, SIP & RTP Correlation feature license per GigaSMART module, unlimited sessions
SMT-HC2-BN-CORE	CoreVUE Gen2 GigaSMART software bundle for GigaVUE-HC2; requires SM-HC2-Q02X08. Includes bundled Elite Support
SMT-HC2-BN-NV	NetVUE Gen2 GigaSMART software bundle for GigaVUE-HC2; requires SMT-HC2-Q02X08. Includes bundled Elite Support
SMT-HC2-BN-NVP	NetVUE Plus Gen2 GigaSMART software bundle for GigaVUE-HC2; requires SMT-HC2-Q02X08. Includes bundled Elite Support
SMT-HC2-BN-SV	SecureVUE Gen2 GigaSMART software bundle for GigaVUE-HC2; requires SMT-HC2-Q02X08. Includes bundled Elite Support
SMT-HC2-BN-SVP	SecureVUE Plus Gen2 GigaSMART software bundle for GigaVUE-HC2; requires SMT-HC2-Q02X08. Includes bundled Elite Support
SMT-HC2-BN-MV	MobileVUE Gen2 GigaSMART software bundle for GigaVUE-HC2; requires SMT-HC2-Q02X08. Includes bundled Elite Support
SMT-HC2-UPGBN-NV	Upgrade SKU from CoreVUE to NETVUE GigaSMART software bundle for GigaVUE-HC2. Includes bundled Elite Support
SMT-HC2-UPGBN-NVP	Upgrade SKU from NetVUE to NETVUE Plus GigaSMART software bundle for GigaVUE-HC2; requires SMT-HC2-Q02X08. Includes bundled Elite Support
SMT-HC2-UPGBN-SV	Upgrade SKU from CoreVUE to SecureVUE GigaSMART software bundle for GigaVUE-HC2; requires SMT-HC2-Q02X08. Includes bundled Elite Support
SMT-HC2-UPGBN-SVP	Upgrade SKU from SecureVUE to SecureVUE Plus GigaSMART software bundle for GigaVUE-HC2; requires SMT-HC2-Q02X08. Includes bundled Elite Support
SMT-HC2-UPGBN-MV	Upgrade SKU from CoreVUE to MobileVUE GigaSMART software bundle for GigaVUE-HC2; requires SMT-HC2-Q02X08. Includes bundled Elite Support

GIGASMART FOR THE GIGAVUE-HC1 FABRIC NODE

Part Number	Description
SMT-HC1-BSE	GigaSMART, GigaVUE-HC1 license combo, includes Slicing, Masking and Source Port features
SMT-HC1-DD1	GigaSMART, GigaVUE-HC1 license, De-Duplication feature; applies to built-in GigaSMART only
SMT-HC1-GEN3-DD1	GigaSMART, GigaVUE-HC1, De-Duplication feature license for GigaVUE-HC1 Gen3 GigaSMART module; requires SMT-HC1-S
SMT-HC1-GEN3-AT1	GigaSMART, GigaVUE-HC1, Advanced Tunneling feature license per GigaVUE-HC1 Gen3 GigaSMART module; includes tunnel encapsulation and tunnel decapsulation. Requires SMT-HC1-S
SMT-HC1-NF1	GigaSMART, GigaVUE-HC1 license, NetFlow Generation feature; applies to built-in GigaSMART only

Part Number	Description
SMT-HC1-TUN	GigaSMART, GigaVUE-HC1 license, Tunneling feature (Tunnel Encapsulation for L2GRE and VXLAN and ERSPAN termination); applies to built-in GigaSMART only
SMT-HC1-AFS	Advanced Flow Slicing (1 Month) for GigaVUE-HC1 (12-month Minimum). *Includes bundled Elite Support; applies to built-in GigaSMART only
SMT-HC1-FVU	GigaSMART, GigaVUE-HC1 license, FlowVUE feature license; applies to built-in GigaSMART only
SMT-HC1-APF	GigaSMART, GigaVUE-HC1 license, Adaptive Packet Filtering feature; applies to built-in GigaSMART only
SMT-HC1-AFI	Application Filtering Intelligence (1 Month) – GigaVUE-HC1 (12-month Minimum). Includes bundled Elite Support; applies to built-in GigaSMART only
SMT-HC1-AMI	Application Metadata Intelligence (1 Month) – GigaVUE-HC1 (12-month Minimum) *Includes bundled Elite Support; applies to built-in GigaSMART only
SMT-HC1-SSL	GigaSMART, GigaVUE-HC1, SSL Decryption for Out-of-Band Tools Feature License per GigaSMART module; applies to built-in GigaSMART only
SMT-HC1-INSSL	GigaSMART, GigaVUE-HC1, Inline SSL and Passive SSL Decryption feature license per GigaSMART module; applies to built-in GigaSMART only
SMT-HC1-BN-CORE	CoreVUE GigaSMART software bundle for GigaVUE-HC1. Includes bundled Elite Support; applies to built-in GigaSMART only
SMT-HC1-BN-NV	NetVUE GigaSMART software bundle for GigaVUE-HC1. Includes bundled Elite Support; applies to built-in GigaSMART only
SMT-HC1-BN-NVP	NetVUE Plus GigaSMART software bundle for GigaVUE-HC1. Includes bundled Elite Support; applies to built-in GigaSMART only
SMT-HC1-BN-SV	SecureVUE GigaSMART software bundle for GigaVUE-HC1. Includes bundled Elite Support; applies to built-in GigaSMART only
SMT-HC1-BN-SVP	SecureVUE Plus GigaSMART software bundle for GigaVUE-HC1. Includes bundled Elite Support; applies to built-in GigaSMART only
SMT-HC1-UPGBN-NV	Upgrade SKU from CoreVUE to NETVUE GigaSMART software bundle for GigaVUE-HC1. Includes bundled Elite Support; applies to built-in GigaSMART only
SMT-HC1-UPGBN-NVP	Upgrade SKU from NetVUE to NETVUE Plus GigaSMART software bundle for GigaVUE-HC1. Includes bundled Elite Support; applies to built-in GigaSMART only
SMT-HC1-UPGBN-SV	Upgrade SKU from CoreVUE to SecureVUE GigaSMART software bundle for GigaVUE-HC1. Includes bundled Elite Support; applies to built-in GigaSMART only
SMT-HC1-UPGBN-SVP	Upgrade SKU from SecureVUE to SecureVUE Plus GigaSMART software bundle for GigaVUE-HC1. Includes bundled Elite Support; applies to built-in GigaSMART only
SMT-HC1-S	Generation 3 GigaSMART module on GigaVUE-HC1. Includes ThreatINSIGHT sensor app
SMT-HC1-S-SUB	Subscription option for Generation 3 GigaSMART module on GigaVUE-HC1 (SMT-HC1-S) and ThreatINSIGHT sensor app. Covered by Insight Sensor Elite 24x7x365 Support policy, price of which is included in the list price for corresponding SKU. Available only in US.
SMT-HC1-BN-HW	Per-month rental price for GigaVUE-HC1 system (GVS-101) with Generation 3 GigaSMART module (SMT-HC1-S) and ThreatINSIGHT sensor app. Covered by Insight Sensor Elite 24x7x365 Support policy, price of which is included in the list price for corresponding SKU. Available only in US.

SOFTWARE BUNDLES LICENSES

Bundle*	GigaVUE HC-3	GigaVUE HC-2	GigaVUE HC-1
CoreVUE: Flow Mapping, Clustering, Tunneling, Slicing, Masking, Header Stripping, Advanced Load Balancing, Advanced Tunneling, Source Port Labeling, ERSPAN Termination, ThreatINSIGHT Sensor	SMT-HC3-BN-CORE	SMT-HC2-BN-CORE	SMT-HC1-BN-CORE
NetVUE Plus: NetVUE, Adaptive Packet Filtering, App Filtering, Advanced Flow Slicing	SMT-HC3-BN-NVP	SMT-HC2-BN-NVP	SMT-HC1-BN-NVP
SecureVUE: CoreVUE, NetFlow, De-Duplication, Adaptive Packet Filtering	SMT-HC3-BN-SV	SMT-HC2-BN-SV	SMT-HC1-BN-SV
MobileVUE: CoreVUE, GTP Correlation, SIP/RTP Correlation, FlowVUE	SMT-HC3-BN-MV	SMT-HC2-BN-MV	NA

Support and Services

Gigamon offers a range of support and maintenance services. For details regarding Gigamon's Limited Warranty and its Product Support and Software Maintenance Programs, visit <https://www.gigamon.com/support/support-and-services.html>.

For More Information

For more information about the Gigamon G-TAPs or to contact your local representative, please visit: www.gigamon.com.