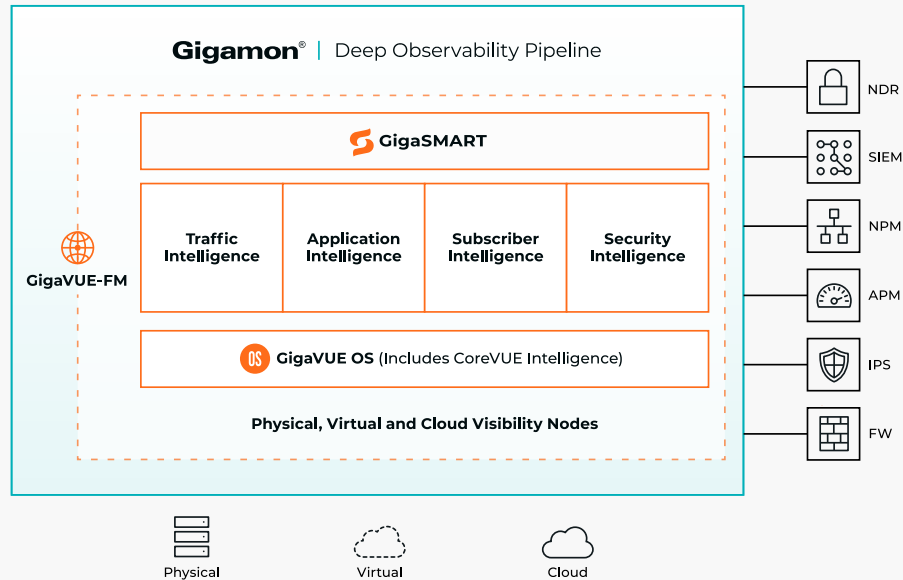


GigaSMART Intelligent Traffic Handling

GigaSMART Is a Broad Set of Intelligent Applications That Improve Network Visibility, Traffic Handling, and Tool Efficiency.



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
- Application metadata JSON export over KAFKA, and application metadata export to partner tools
- Easily deploy specific metadata use cases by using pre-defined use case templates
- Create signatures using user-defined signatures to identify and filter unknown applications on your network

In GigaVUE HC Series hardware appliances, 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.

In GigaVUE Cloud Suite, GigaSMART applications run on the virtual visibility node (typically GigaVUE V Series), which can be scaled to meet the traffic volume and processing needs. The GigaSMART applications are categorized as follows:

Traffic Intelligence

Adaptive Packet Filtering, Advanced Load Balancing, De-duplication, Header Stripping, Masking, NetFlow Generation, Packet Slicing, Advanced Flow Slicing, Source Port Labeling, and Tunneling

Application Intelligence

Application Filtering, Application Metadata, and Application Visualization

Subscriber Intelligence

5G Correlation, GTP Correlation, and Stateful Flow Sampling

Security Intelligence

SSL/TLS Decryption

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 3,500+ 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 7,000 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
- Dynamic signature update to upgrade Application Intelligence DPI library without system upgrade

Key Features and Benefits

TRAFFIC INTELLIGENCE

| Feature/Application | Benefit |
|---|--|
| De-duplication Remove duplicate packets based on user-definable packet comparison criteria and duplicate detection window | <ul style="list-style-type: none"> 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 |
| Header 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: <ul style="list-style-type: none"> 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) | <ul style="list-style-type: none"> Assign custom traffic percentages or weights for distribution to tools Ensure desirable balancing for all traffic types |
| Adaptive Packet Filtering Filter packets based on L2-L4 rules inside heavy tagging and encapsulation (e.g., multiple VLANs, VN-tag, MPLS, GRE, GTP) | <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> Terminate remote spanning tunnels (Custom, ERSPAN, GMIP, L2GRE, TCP, VXLAN) Initiate tunnels to IP destinations (GMIP, L2GRE, VXLAN) Fragment and reassemble jumbo frames in accordance with network MTU limits | <ul style="list-style-type: none"> Monitor remote and virtualized traffic with multiple on-premises tools Monitoring of physical network traffic by virtualized or cloud-based tools Forward traffic between remote Gigamon virtual and physical appliances Reliable and intact delivery over IP networks |
| NetFlow Generation <ul style="list-style-type: none"> The process of collecting IP traffic information and monitoring network traffic L2-L4 Send to up to four collectors | <ul style="list-style-type: none"> 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 v5/v9, v10) and CEF for ingestion by analytic tools |

APPLICATION INTELLIGENCE

| Feature/Application | Benefit |
|--|--|
| <p>Application Filtering Intelligence</p> <ul style="list-style-type: none"> Filter traffic based on over 3,500+ applications Define custom applications | <ul style="list-style-type: none"> 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 |
| <p>Application Metadata Intelligence</p> <ul style="list-style-type: none"> Forward contextual data for Layers 2 to 7 in IPFIX or CEF formats Provide 7,000 metadata elements across applications Send to up to 4 collectors | <ul style="list-style-type: none"> 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 |
| <p>Application Metadata Exporter (AMX)</p> <p>Be able to export metadata as JSON and JSON over KAFKA to tools.</p> | <ul style="list-style-type: none"> Ability to send metadata as JSON or JSON over KAKFA as required in customer environments Ease of data ingestion by the partner tools secure sending of metadata to tools over TCP |
| <p>Application Visualization</p> <p>Identify and display traffic metrics for over 3,500+ applications</p> | <ul style="list-style-type: none"> 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

| Feature/Application | Benefit |
|--|--|
| <p>5G Correlation</p> <p>Support 5G standalone and 4G/5G converged core networks with the correlation of control plane and user plane sessions</p> | <ul style="list-style-type: none"> 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 |
| <p>GTP Correlation</p> <p>Coherently filtering and/or balancing, keeping control and user plane sessions together</p> | <ul style="list-style-type: none"> Ensure each monitoring tool gets to see all mobile core sessions associated with a user or domain |
| <p>Stateful Flow Sampling (FlowVUE®)</p> <p>Stateful user-session sampling based on IP address, and when combined with GTP Correlation can sample 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</p> | <ul style="list-style-type: none"> Achieve meaningful network monitoring without monitoring every user's or domain's sessions Selectively reduce traffic bound to monitoring and analytic tools |

SECURITY INTELLIGENCE

| Feature/Application | Benefit |
|---|--|
| SSL/TLS Decryption <ul style="list-style-type: none"> · 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 | <ul style="list-style-type: none"> · 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 |

GigaSMART Engine Platforms¹

| Product | Description |
|--|---|
| GigaSMART for GigaVUE-HC3 | <p>GigaSMART front modules, two options, each with two engines:</p> <p>Gen2:</p> <ul style="list-style-type: none"> · Processing up to 100Gbps¹ <p>Gen3:</p> <ul style="list-style-type: none"> · Processing up to 200Gbps¹ <p>Includes slicing, masking, source port labeling, and GigaVUE tunnel de-encapsulation</p> <p>Up to 4 GigaSMART modules can be populated per GigaVUE-HC3 to provide scalable performance up to 1.6Tbps¹</p> |
| GigaSMART for GigaVUE-HC1-Plus | <p>Integrated Gen3 GigaSMART:</p> <ul style="list-style-type: none"> · Processing up to 200Gbps · Includes slicing, masking, source port labeling, and tunnel de-encapsulation <p>Gen3 GigaSMART front modules:</p> <ul style="list-style-type: none"> · Processing up to 80Gbps¹ <p>Includes slicing, masking, source port labeling, tunnel de-encapsulation</p> <p>Up to 3 GigaSMART modules (2 front and 1 built-in) can be populated per GigaVUE-HC1-Plus to provide scalable performance up to 360Gbps¹</p> |
| GigaSMART for GigaVUE-HC1 | <p>Integrated Gen2 GigaSMART:</p> <ul style="list-style-type: none"> · Processing up to 20Gbps¹ · Does not include any GigaSMART features by default <p>Gen3 GigaSMART front module:</p> <ul style="list-style-type: none"> · Processing up to 80Gbps¹ · Includes slicing, masking, source port labeling, tunnel de-encapsulation |
| GigaSMART for GigaVUE Cloud Suite | <p>Runs within GigaVUE V Series</p> <ul style="list-style-type: none"> · 6 vCPUs for each instance of V Series running SSL/TLS Decryption · Can run multiple instances for higher throughput |

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

Ordering Information

GIGASMART FOR THE GIGAVUE-HC3 FABRIC NODE

LEGACY MODEL

| Part Number | Description |
|-------------------|--|
| SMT-HC3-AFI | Application Filtering Intelligence (1 month) – GigaVUE-HC3 (12-month minimum). *Includes bundled Elite Support |
| SMT-HC3-AFS | Advanced Flow Slicing (1 month) for 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-APF | GigaSMART, GigaVUE-HC3, Adaptive Packet Filtering 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-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-NF1 | GigaSMART, GigaVUE-HC3, NetFlow Generation Feature License per GigaSMART module |
| SMT-HC3-SIPMAX | GigaSMART, GigaVUE-HC3, SIP & RTP Correlation feature license per GigaSMART module, maximum sessions |
| SMT-HC3-SSL | GigaSMART, GigaVUE-HC3, SSL Decryption for Out-of-Band Tools Feature License per GigaSMART module |
| 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-SVP | 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 |

LEGACY MODEL

| Part Number | Description |
|--------------------|--|
| SMT-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 |

TERM LICENSE

| Part Number | Description |
|------------------------|---|
| SMT-HC3-GEN2-5GC-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC3, 5G Correlation, CUPS support, and SUPI-based load-balancing. Requires a base GTP Correlation license (e.g., SMT-HC3-GTPMAX-SW-PL). Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 2 license. |
| SMT-HC3-GEN3-AFI-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC3, Application Filtering Intelligence license per module. Includes bundled Elite Support. This is a GEN 3 license. |
| SMT-HC3-GEN3-AMI-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC3, Application Metadata Intelligence feature. Includes bundled Elite support. This is a GEN 3 license. |
| SMT-HC3-GEN2-AFS-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC3, Advanced Flow Slicing feature license per module. Includes bundled Elite Support. This is a GEN 2 license. |
| SMT-HC3-GEN3-SSL-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC3, SSL Decryption for Out of Band Tools feature license. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 3 license and requires SMT-HC3-C08. |
| SMT-HC3-GEN3-ATI-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC3, Advanced Tunneling feature license. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 3 license and requires SMT-HC3-C08. |
| SMT-HC3-GEN3-APF-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC3, Adaptive Packet Filtering feature license per GigaSMART module. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 3 license. |
| SMT-HC3-GEN2-APF-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC3, Adaptive Packet Filtering feature license per GigaSMART module. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 2 license. |
| SMT-HC3-GEN2-ASF-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC3, Application Session Filtering feature license per GigaSMART module; requires SMT-HC3-APF. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 2 license. |
| SMT-HC3-GEN2-ATI-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC3, Advanced Tunneling feature license per GigaSMART module. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 2 license. |

TERM LICENSE

| Part Number | Description |
|---------------------------|--|
| SMT-HC3-GEN3-DD1-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC3, De-duplication feature license per GigaSMART module. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 3 license. |
| SMT-HC3-GEN2-DD1-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC3, De-duplication feature license per GigaSMART module. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 2 license. |
| SMT-HC3-GEN2-FVU-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC3, FlowVUE feature license per GigaSMART module. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 2 license. |
| SMT-HC3-GEN2-GTPMAX-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC3, GTP Filtering and Correlation feature license per GigaSMART module, maximum subscribers. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 2 license. |
| SMT-HC3-GEN2-HS1-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC3, Header Stripping feature license per GigaSMART module. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 2 license. |
| SMT-HC3-GEN2-INSSL-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC3, SSL Decryption for Inline and Out-of-Band Tools Feature License per GigaSMART module. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 2 license. |
| SMT-HC3-GEN2-NF1-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC3, NetFlow Generation feature license per GigaSMART module. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 2 license. |
| SMT-HC3-GEN2-SIPMAX-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC3, SIP and RTP Correlation feature license per GigaSMART module, maximum sessions. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 2 license. |
| SMT-HC3-GEN2-SSL-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC3, SSL Decryption for Out-of-Band Tools Feature License per GigaSMART module. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 2 license. |
| SMT-HC3-GEN2-VDR-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC3, Video Data Record generation for Nokia AVA platform feature license per GigaSMART module. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 2 license. |

GIGASmart FOR THE GIGAVUE-HC1 FABRIC NODE

LEGACY MODEL

| 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 |
| 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 |

LEGACY MODEL

| Part Number | Description |
|--------------------|--|
| 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 |

TERM LICENSE

| Part Number | Description |
|----------------------------|--|
| SMT-HC1-GEN2-AFI-SW-TM | Monthly subscription license for Application Filtering Intelligence (1 Month) – GigaVUE-HC1 (12-month Minimum). Includes bundled Elite Support. This is a Gen 2 license. |
| SMT-HC1-GEN2-AFS-SW-TM | Monthly subscription license for Advanced Flow Slicing (1 Month) – GigaVUE-HC1 (12-month Minimum). Includes bundled Elite Support. This is a Gen 2 license. |
| SMT-HC1-GEN2-AMI-SW-TM | Monthly subscription license for Application Metadata Intelligence (1 Month) – GigaVUE-HC1 (12-Month Minimum). Includes bundled Elite Support. This is a Gen 2 license. |
| SMT-HC1-GEN2-APF-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC1 license, Adaptive Packet Filtering feature. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 2 license. |
| SMT-HC1-GEN2-BN-CORE-SW-TM | Monthly subscription license for CoreVUE GigaSMART software bundle for GigaVUE-HC1. Capabilities included: Advanced Tunneling, Header Stripping, Slicing, Masking, Advanced Load Balancing, Source Port Labeling. Includes bundled Elite Support. This is a Gen 2 license. |
| SMT-HC1-GEN2-BN-NV-SW-TM | Monthly subscription license for NetVUE GigaSMART software bundle for GigaVUE-HC1. Capabilities included: All CoreVUE GigaSMART capabilities, De-duplication, NetFlow Generation. Includes bundled Elite Support. This is a Gen 2 license. |
| SMT-HC1-GEN2-BN-NVP-SW-TM | Monthly subscription license for NetVUE Plus GigaSMART software bundle for GigaVUE-HC1. Capabilities included: All NetVUE GigaSMART capabilities, Application Filtering Intelligence, Adaptive Packet Filtering, Advanced Flow Slicing. Includes bundled Elite Support. This is a Gen 2 license. |
| SMT-HC1-GEN2-BN-SV-SW-TM | Monthly subscription license for SecureVUE GigaSMART software bundle for GigaVUE-HC1. Capabilities included: All CoreVUE GigaSMART capabilities, De-duplication, NetFlow Generation, Adaptive Packet Filtering. Includes bundled Elite Support. This is a Gen 2 license. |
| SMT-HC1-GEN2-BN-SVP-SW-TM | Monthly subscription license for SecureVUE Plus GigaSMART software bundle for GigaVUE-HC1. Capabilities included: All SecureVUE GigaSMART capabilities, SSL Decryption (Inline + Out-of-band), Application Filtering Intelligence, Application Metadata Intelligence. Includes bundled Elite Support. This is a Gen 2 license. |
| SMT-HC1-GEN2-BSE-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC1 license combo, includes Slicing, Masking, and Source Port features. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 2 license. |
| SMT-HC1-GEN2-DD1-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC1 license, De-Duplication feature. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 2 license. |

TERM LICENSE

| Part Number | Description |
|------------------------------|--|
| SMT-HC1-GEN2-FVU-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC1 license, FlowVUE feature license. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 2 license. |
| SMT-HC1-GEN2-HS1-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC1 license, Header Stripping feature. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 2 license. |
| SMT-HC1-GEN2-INSSL-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC1, SSL Decryption for Inline and Out of Band Tools Feature License. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 2 license. |
| SMT-HC1-GEN2-NF1-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC1 license, NetFlow Generation feature. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 2 license. |
| SMT-HC1-GEN2-SSL-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC1, SSL Decryption for Out of Band Tools Feature License. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 2 license. |
| SMT-HC1-GEN2-TUN-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC1 license, Tunneling feature (includes ERSPAN De-Encapsulation). Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 2 license. |
| SMT-HC1-GEN2-UPGBN-NV-SW-TM | Monthly subscription license for Upgrade SKU from CoreVUE to NetVUE GigaSMART software bundle for GigaVUE-HC1. Includes bundled Elite Support. This is a Gen 2 license. |
| SMT-HC1-GEN2-UPGBN-NVP-SW-TM | Monthly subscription license for Upgrade SKU from NetVUE to NetVUE Plus GigaSMART software bundle for GigaVUE-HC1. Includes bundled Elite Support. This is a Gen 2 license. |
| SMT-HC1-GEN2-UPGBN-SV-SW-TM | Monthly subscription license for Upgrade SKU from CoreVUE to SecureVUE GigaSMART software bundle for GigaVUE-HC1. Includes bundled Elite Support. This is a Gen 2 license. |
| SMT-HC1-GEN2-UPGBN-SVP-SW-TM | Monthly subscription license for Upgrade SKU from SecureVUE to SecureVUE Plus GigaSMART software bundle for GigaVUE-HC1. Includes bundled Elite Support. This is a Gen 2 license. |
| SMT-HC1-GEN2-UPGINSSL-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC1, SSL Decryption Upgrade for Inline Tools Feature License per GigaSMART module. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 2 license. |
| SMT-HC1-GEN3-AT1-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC1, Advanced Tunneling feature license per GigaVUE-HC1 Gen3 GigaSMART module; includes tunnel encapsulation and tunnel decapsulation. Requires SMT-HC1-S. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 3 license. |
| SMT-HC1-GEN3-DD1-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC1, De-Duplication feature license for GigaVUE-HC1 Gen3 GigaSMART module; requires SMT-HC1-S. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 3 license. |
| SMT-HC1-GEN3-AFI-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC1, Application Filtering Intelligence feature license for GigaVUE-HC1 Gen3 GigaSMART module; requires SMT-HC1-S. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 3 license. |
| SMT-HC1-GEN3-AFS-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC1, Advanced Flow Slicing feature license for GigaVUE-HC1 Gen3 GigaSMART module; requires SMT-HC1-S. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 3 license. |

TERM LICENSE

| Part Number | Description |
|---------------------------|---|
| SMT-HC1-GEN3-AMI-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC1, Application Metadata Intelligence feature license for GigaVUE-HC1 Gen3 GigaSMART module; requires SMT-HC1-S. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 3 license. |
| SMT-HC1-GEN3-APF-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC1, Adaptive0 Packet Filtering feature license for GigaVUE-HC1 Gen3 GigaSMART module; requires SMT-HC1-S. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 3 license. |
| SMT-HC1-GEN3-NF1-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC1, NetFlow Generation feature license for GigaVUE-HC1 Gen3 GigaSMART module; requires SMT-HC1-S. Includes embedded Elite Support. Initial term must be 12 months or longer. This is a Gen 3 license. |
| SMT-HC1-GEN3-HS1-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC1, Header Stripping feature License. Includes embedded Elite-Plus Support. Initial term must be 12 months or longer. This is a Gen 3 license and requires SMT-HC1-S. |
| SMT-HC3-GEN3-HS1-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC3, Header Stripping feature License. Includes embedded Elite-Plus Support. Initial term must be 12 months or longer. This is a Gen 3 license and requires SMT-HC3-C08. |
| SMT-HC1P-GEN3-HS1-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC1P, Header Stripping feature License. Includes embedded Elite-Plus Support. Initial term must be 12 months or longer. This is a Gen 3 license and requires a HC1P chassis. |
| SMT-HC1P-GEN3-DD1-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC1P, De-Duplication Feature License. Includes embedded Elite-Plus Support. Initial term must be 12 months or longer. This is a Gen 3 license and requires a HC1P chassis. |
| SMT-HC1P-GEN3-APF-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC1P, Adaptive Packet Filtering Feature License. Includes embedded Elite-Plus Support. Initial term must be 12 months or longer. This is a Gen 3 license and requires a HC1P chassis. |
| SMT-HC1P-GEN3-NF1-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC1P, NetFlow v5, v9 Feature License. Includes embedded Elite-Plus Support. Initial term must be 12 months or longer. This is a Gen 3 license and requires a HC1P chassis. |
| SMT-HC1P-GEN3-AFI-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC1P, Application Filtering Intelligence Feature License. Includes embedded Elite-Plus Support. Initial term must be 12 months or longer. This is a Gen 3 license and requires a HC1P chassis. |
| SMT-HC1P-GEN3-AMI-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC1P, Application Metadata Intelligence Feature License. Includes embedded Elite-Plus Support. Initial term must be 12 months or longer. This is a Gen 3 license and requires a HC1P chassis. |
| SMT-HC1P-GEN3-AT1-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC1P, Advanced Tunneling Filtering Feature License. Includes embedded Elite-Plus Support. Initial term must be 12 months or longer. This is a Gen 3 license and requires a HC1P chassis. |
| SMT-HC1P-GEN3-INSSL-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC1P, SSL Decryption for Inline and Out of Band Tools Feature License. Includes embedded Elite-Plus Support. Initial term must be 12 months or longer. This is a Gen 3 license and requires a HC1P chassis. |
| SMT-HC1P-GEN3-SSL-SW-TM | Monthly subscription license for GigaSMART, GigaVUE-HC1P, SSL Decryption for Out of Band Tools Feature License. Includes embedded Elite-Plus Support. Initial term must be 12 months or longer. This is a Gen 3 license and requires a HC1P chassis. |

GIGASMART FOR GIGAVUE CLOUD SUITE FABRIC NODES (GIGAVUE V SERIES)

| Part Number | Description |
|-------------------|--|
| VBL-50T-BN-CORE | Monthly Term license for CoreVUE software up to 50TB per day in V Series for cloud and virtual environments. Capabilities included: Advanced Tunneling, Slicing, Masking, Advanced Load Balancing. Min Term is 12 months. Includes bundled Elite Support. |
| VBL-250T-BN-CORE | Monthly Term license for CoreVUE software up to 250TB per day in V Series for cloud and virtual environments. Capabilities included: Advanced Tunneling, Slicing, Masking, Advanced Load Balancing. Min Term is 12 months. Includes bundled Elite Support. |
| VBL-2500T-BN-CORE | Monthly Term license for CoreVUE software up to 2,500TB per day in V Series for cloud and virtual environments. Capabilities included: Advanced Tunneling, Slicing, Masking, Advanced Load Balancing. Min Term is 12 months. Includes bundled Elite Support. |
| VBL-25KT-BN-CORE | Monthly Term license for CoreVUE software up to 25,000TB per day in V Series for cloud and virtual environments. Capabilities included: Advanced Tunneling, Slicing, Masking, Advanced Load Balancing. Min Term is 12 months. Includes bundled Elite Support. |
| VBL-50T-BN-NV | Monthly Term license for NetVUE software up to 50TB per day in V Series for cloud and virtual environments. Capabilities included: CoreVUE for V Series, De-duplication, NetFlow. Min Term is 12 months. Includes bundled Elite Support. |
| VBL-250T-BN-NV | Monthly Term license for NetVUE software up to 250TB per day in V Series for cloud and virtual environments. Capabilities included: CoreVUE for V Series, De-duplication, NetFlow. Min Term is 12 months. Includes bundled Elite Support. |
| VBL-2500T-BN-NV | Monthly Term license for NetVUE software up to 2,500TB per day in V Series for cloud and virtual environments. Capabilities included: CoreVUE for V Series, De-duplication, NetFlow. Min Term is 12 months. Includes bundled Elite Support. |
| VBL-25KT-BN-NV | Monthly Term license for NetVUE software up to 25,000TB per day in V Series for cloud and virtual environments. Capabilities included: CoreVUE for V Series, De-duplication, NetFlow. Min Term is 12 months. Includes bundled Elite Support. |
| VBL-50T-BN-SVP | Monthly Term license for SecureVUE Plus software up to 50TB per day in V Series for cloud and virtual environments. Capabilities included: NetVUE for V Series, App Metadata Intelligence, App Filter Intelligence, SSL Decryption. Min Term is 12 months. Includes bundled Elite Support. (RESTRICTED SKU – Only valid on a Gigamon-approved quote) |
| VBL-250T-BN-SVP | Monthly Term license for SecureVUE Plus software up to 250TB per day in V Series for cloud and virtual environments. Capabilities included: NetVUE for V Series, App Metadata Intelligence, App Filter Intelligence, SSL Decryption. Min Term is 12 months. Includes bundled Elite Support. (RESTRICTED SKU – Only valid on a Gigamon-approved quote) |
| VBL-2500T-BN-SVP | Monthly Term license for SecureVUE Plus software up to 2,500TB per day in V Series for cloud and virtual environments. Capabilities included: NetVUE for V Series, App Metadata Intelligence, App Filter Intelligence, SSL Decryption. Min Term is 12 months. Includes bundled Elite Support. (RESTRICTED SKU – Only valid on a Gigamon-approved quote) |
| VBL-25KT-BN-SVP | Monthly Term license for SecureVUE Plus software up to 25,000TB per day in V Series for cloud and virtual environments. Capabilities included: NetVUE for V Series, App Metadata Intelligence, App Filter Intelligence, SSL Decryption. Min Term is 12 months. Includes bundled Elite Support. (RESTRICTED SKU – Only valid on a Gigamon-approved quote) |
| VBL-50T-ADD-5GC | Monthly Term license for 5G Cloud software up to 50TB per day in V Series for cloud and virtual environments. See data sheet for capabilities included in the 5G Cloud package. This Add-On package requires a base VBL-xx-BN-xx Bundle, such as CoreVUE or NetVUE. Minimum initial term is 12 months. Includes bundled Elite Support. |

| Part Number | Description |
|-------------------|--|
| VBL-250T-ADD-5GC | Monthly Term license for 5G Cloud software up to 250TB per day in V Series for cloud and virtual environments. See data sheet for capabilities included in the 5G Cloud package. This Add-On package requires a base VBL-xx-BN-xx Bundle, such as CoreVUE or NetVUE. Minimum initial term is 12 months. Includes bundled Elite Support. |
| VBL-2500T-ADD-5GC | Monthly Term license for 5G Cloud software up to 2,500TB per day in V Series for cloud and virtual environments. See data sheet for capabilities included in the 5G Cloud package. This Add-On package requires a base VBL-xx-BN-xx Bundle, such as CoreVUE or NetVUE. Minimum initial term is 12 months. Includes bundled Elite Support. |
| VBL-25KT-ADD-5GC | Monthly Term license for 5G Cloud software up to 25,000TB per day in V Series for cloud and virtual environments. See data sheet for capabilities included in the 5G Cloud package. This Add-On package requires a base VBL-xx-BN-xx Bundle, such as CoreVUE or NetVUE. Minimum initial term is 12 months. Includes bundled Elite Support. |

SOFTWARE BUNDLES LICENSES

| Bundle* | GigaVUE-HC3 | GigaVUE-HC1P | GigaVUE-HC1 |
|--|---------------------------|----------------------------|---------------------------|
| CoreVUE: Flow Mapping, Clustering, Tunneling, Slicing, Masking, Header Stripping, Advanced Load Balancing, Advanced Tunneling, Source Port Labeling, ERSPAN Termination | SMT-HC3-BN-CORE-TM | N/A | SMT-HC1-BN-CORE-TM |
| NetVUE: CoreVUE, De-duplication, NetFlow Generation | SMT-HC3-BN-NV-TM | N/A | SMT-HC1-BN-NV-TM |
| NetVUE Plus: NetVUE, Adaptive Packet Filtering, Application Filtering, Advanced Flow Slicing | SMT-HC3-BN-NVP-TM | N/A | SMT-HC1-BN-NVP-TM |
| SecureVUE: CoreVUE, NetFlow, De-duplication, Adaptive Packet Filtering | SMT-HC3-BN-SV-TM | N/A | SMT-HC1-BN-SV-TM |
| SecureVUE Plus: SecureVUE, Application Metadata Intelligence, Application Filtering Intelligence, SSL Decryption | SMT-HC3-BN-SVP-TM | N/A | SMT-HC1-BN-SVP-TM |
| MobileVUE: CoreVUE, GTP Correlation, SIP/RTP Correlation, FlowVUE | SMT-HC3-BN-MV-TM | N/A | N/A |
| Zero Trust: NetFlow, Inline SSL Decryption, AMI, AFI, Header Stripping, APF and De-dupe | SMT-HC3-GEN3-BN-ZTA-SW-TM | SMT-HC1P-GEN3-BN-ZTA-SW-TM | SMT-HC1-GEN3-BN-ZTA-SW-TM |

Support and Services

Gigamon offers a range of support and maintenance services. For details regarding the Gigamon Limited Warranty and its Product Support and Software Maintenance Programs, visit gigamon.com/support/support-and-services.html.

For More Information

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