



Additional License Authorizations

For HPE CMS SIM Management software products

Products and suites covered

PRODUCTS	E-LTU OR E-MEDIA AVAILABLE *	NON-PRODUCTION USE OPTION
HPE Dynamic SIM Provisioning	Yes	Yes
HPE Remote SIM Provisioning Manager	Yes	Yes

Definitions

Capitalized terms not otherwise defined in this ALA document are defined in the governing agreement.

TERM	DEFINITION
Active	An active resource is configured and in use, as opposed to a passive, or standby resource, which will be used only on failure of the currently active resource
Base LTU	The mandatory LTU(s) for a given software component upon which licenses for capacity and/or optional features would need to be added
BHM	The number of Busy Hour Messages that are handled by the MSE platform. It is the average number of messages seen by the platform in the busiest one hour of a day, or of a week, or of a month. The messages could be incoming or outgoing, and could be MAP or Diameter messages
Commercial License	Software license that entitles use of the DSP software products for commercial deployments related to SIM and Device management
CMP	Connectivity Management Platform, is an optional feature of the DSP platform. It allows the operator web-based and API-based management of their Machine-to-Machine subscriptions
DSP	Is the Dynamic SIM Provisioning software system to manage registration, provisioning, activation and updating of SIM cards, based on specific features chosen by the customer
E-LTU and E-Media	products which are electronically delivered only, and as such any reference to FOB Destination or delivery methods that are stated on your purchase order other than electronic shall be null and void with respect to these E-LTU or E-Media products
Feature LTU	The optional LTU(s), which enable specific optional features
FTA	First Time Attach, is an optional component of the DSP solution. It provides authentication and provisioning of new or re-activated SIMs cards



TERM	DEFINITION
Geo-redundancy	<i>Geographic redundancy, is duplication of the software over two or more physical sites, to enable the installation and configuration of the same software on standby. The geo-redundant site can only be activated on failure of the active site</i>
Internal Use	<i>Access and Use of the software for purposes of supporting your non-commercial, internal operations or functions</i>
IMSI	<i>International Mobile Subscriber Identity; It uniquely identifies a GSM subscriber</i>
LTU	<i>License To Use</i>
MoD	<i>Management of Devices</i>
Non-Commercial License	<i>Entitles customer to use DSP software only on non-production system</i>
Non-production system	<i>means a system which has the licensed software product installed, and is to be used solely for the purpose of a) developing Licensee add-on applications; b) migration testing, e.g. to test version upgrades; c) Pre-production staging, e.g., to test new applications before deployment; or d) support-related testing. This system is not authorized for any production or commercial usage</i>
OTA Transaction	<i>The number of expected transactions between the SIM Updater and DSP interfaces, to handle requests for over-the-air (OTA) update</i>
Production System	<i>a system which has the commercially licensed software product installed and is to be used for collecting data, executing product logic, or sending/receiving messages for production or commercial usage</i>
SIM	<i>An individual Subscriber Identity Module card in the DSP system</i>
eUICC	<i>An eUICC card is an Embedded Universal Integrated Circuit Card, also called embedded SIM, or eSIM.</i>
Standby or Passive	<i>A resource which is configured, but is not being used to provide a function during normal operation, as opposed to an Active resource which is configured and is being used. A standby resource can be activated for business continuity upon failure of the Active resource. The passive, or standby platform, cannot be used for commercial or non-commercial purpose, unless the active platform is down</i>
SU	<i>SIM Updater, is an optional feature of the DSP platform. It provides over-the-air updates of SIM cards, managed by the DSP platform</i>
Subscriber	<i>An individual receiving a service for a given SIM or mobile device</i>
TPS	<i>Transactions Per Second</i>
Token	<i>The unit of capacity for DSP base licenses. Generic tokens keep the license structure simple. The mapping between token and transaction capacity is defined. For e.g. a 15 token license is needed for 500 K Warm SIM activations a month</i>
Base Transaction	<i>A base transaction is an external Service Request to either activate, de-activate, register or re-activate, received by the HPE DSP system. A service request which includes multiple requests for base transactions, is counted as the sum of the individual sub-requests in the request</i>
Use	<i>to install, store, load, execute and display one copy of the software</i>
WFMG	<i>Work Flow Manager</i>

Software specific license terms

Software products with specific license terms are described below. Software products covered by this ALA document (as listed above) and not covered in this section do not have software specific license terms.

HPE Dynamic SIM Provisioning

The HPE Dynamic SIM Provisioning software base licenses are based on the number of transactions/subscriptions handled by the DSP software.

The base licenses include –

1. **HPE DSP Workflow Manager LTU** allows the use of DSP Work Flow Manager sub-system in a DSP platform for any SIM management activity.
2. **HPE DSP Token Capacity LTU** allows the licensed number of transactions on the DSP platform based on the number of tokens purchased. The transactions could relate to any of the following capabilities - Warm SIM activations, sleeping SIM de-activations or IMSI profile management. A 15 token capacity LTU would imply a license for any of the following –
 - 500K warm SIM activations a month, OR
 - 500K sleeping SIM de-activations a month, OR

- 500K IMSI profiles managed per month

A set of 15 tokens can be used to enable any one of the transaction capabilities. It cannot be split over multiple low volume capabilities.

3. **HPE Service Activator Token Capacity LTU** allows the use of the Service Activator Workflow Engine in DSP platforms, up to the allowed token capacity. The SA tokens are needed whenever DSP tokens are used. One SA token is needed for every 8 DSP tokens purchased. SA tokens are also needed whenever OTA capacity tokens are purchased. One SA token is needed for every 25 TPS OTA capacity tokens purchased. The HPE SA licenses are specifically for the purpose of DSP solution, and cannot be used outside of DSP scope.

HPE DSP Feature LTUs enable specific optional DSP features, like CMP, SIM Updater, and FTA. The number of licenses needed is based on the number of related transactions, for the feature.

- **DSP SIM Updater (SU)**
 - DSP SIM Updater (SU) LTU enables the SIM Updater feature in the DSP platform.
 - DSP SIM OTA TPS LTU enables the SU feature for the transaction capacity allowed by the SIM OTA TPS LTU.
 - **DSP SIM Updater RAM option E-LTU enables Remote Applet Management. It allows installation, updation and deletion of applets from the SIM card.**
 - **DSP SIM Updater RFM option E-LTU enables Remote File Management. It allows read, write of information in the SIM Elementary Files.**
- **DSP Connectivity Management Platform (CMP).**
 - DSP Connectivity Management Platform (CMP) LTU enables the CMP graphical portal in a DSP platform for management of IOT and M2M subscriptions, by operators, and their enterprise customers.
 - DSP CMP Capacity LTU allows management of the licensed capacity of Machine to machine SIMs/eSIMs.
- **DSP First Time Attach (FTA)**
 - DSP First Time Attach (FTA) LTU enables the FTA feature for authentication and provisioning of new, or sleeping, SIM cards on their first attach to the network.
 - DSP FTA Capacity LTU enables the FTA feature up to the quantity of licensed SIM cards. Unused capacity in one year cannot be transferred to any following year.
 - HPE MSE for DSP 10K BH Messaging Capacity Unit LTU allows use of the Multimedia Services Environment for MAP and Diameter message handling by the FTA component, up to the licensed capacity. A capacity upgrade on the platform to add FTA capacity should be matched by a corresponding increase in BH Messaging Capacity LTU.

HPE MoD WFMG Passive site LTU enables multi-site redundancy of the DSP platform. One license allows one geo-redundant site. It allows features and capacity identical to the active platform, except the SIM Updater option, which requires a separate license for the passive site. The geo-redundant DSP site can be activated only on failure of the active DSP site.

HP SIM Updater Passive Site LTU enables multi-site redundancy of the SU feature in a DSP platform. One license allows one geo-redundant site. It allows use of the SIM Updater feature on the standby DSP platform, with identical capacity as the active site. The geo-redundant SU site can be activated only on failure of the active SU site.

HPE DSP Non-Commercial LTU are used only on non-production systems for test and development purposes only. The license enables a single instance of the platform, with no failover.

- **HPE DSP Workflow Manager Non-Commercial LTU** – enables the use of DSP WFMG in a non-commercial system
- **HPE SIM Updater Non-Commercial LTU** – enables the SIM Updater feature in the non-commercial DSP system

- **HPE DSP FTA Non-Commercial LTU** – enables the First Time Attach (FTA) feature in the non-commercial DSP system

HPE Remote SIM Provisioning and Management

The **HPE Remote SIM Provisioning and Management** software base licenses depend on whether the platform needs to manage M2M eSIMs for enterprise customers, or consumer eSIMs for connected devices. The license capacity is based on the number of profile downloads expected to be handled by the RSPM software per year.

The RSPM base licenses for M2M include –

1. **HPE RSPM M2M SM-DP and SM-SR** base licenses needed to enable the Subscription Manager Data Preparation (SM-DP), and Subscription Manager Secure Routing (SM-SR) modules for M2M segment. Either the SM-DP, or the SM-SR, or both licenses could be purchased, depending on the user requirement.
2. **HPE RSPM M2M Capacity LTUs** allow the licensed number of profile downloads by the RSPM platform. The tier 1 licenses need to be exhausted for allowed capacity, before moving to tier 2 and so on for the same customer site. Either the SM-SR/SM-DP base licenses or the Tier 0 licenses (for SM-SR/SM-DP) up to allowed capacity, are needed as prerequisite to the capacity licenses. The tiers are as follows -
 - HPE RSPM M2M 100K Download per year Tier 1 max 500K
 - HPE RSPM M2M 100K Download per year Tier 2 max 5 Mn
 - HPE RSPM M2M 100K Download per year Tier 3 max 10 Mn
 - HPE RSPM M2M 100K Download per year Tier 4 max 20 Mn
 - HPE RSPM M2M 100K Download per year Tier 5 more than 20 Mn
3. **HPE RSPM M2M Starter kit LTUs** combine the base and capacity license LTUs for very low volume requirements. They are also called Tier 0 licenses. Either the SM-DP feature, or the SM-SR feature, or both together, can be chosen.
 - HPE RSPM M2M SM-SR 10K Download per year Tier 0 max 50K
 - HPE RSPM M2M SM-DP 10K Download per year Tier 0 max 50K

The RSPM base licenses for consumer include –

1. **HPE RSPM consumer SM-DP+** base license is needed to enable the Subscription Manager Data Preparation (SM-DP+) module for consumer segment.
2. **HPE RSPM Consumer Capacity LTUs** allow the licensed number of profile downloads by the RSPM platform. The tier 1 licenses need to be exhausted for allowed capacity, before moving to tier 2 and so on for the same site of the CSP customer. Either the base SM-DP+ license or the Tier 0 licenses (for SM-DP+) up to allowed capacity, are needed as prerequisite to the capacity licenses. The tiers are as follows -
 - HPE RSPM Consumer 100K Download per year Tier 1 max 500K
 - HPE RSPM Consumer 100K Download per year Tier 2 max 5 Mn
 - HPE RSPM Consumer 100K Download per year Tier 3 max 10 Mn
 - HPE RSPM Consumer 100K Download per year Tier 4 max 20 Mn
 - HPE RSPM Consumer 100K Download per year Tier 5 more than 20 Mn
3. **HPE RSPM Consumer Starter kit LTU** combines the base and capacity license LTUs for very low volume requirements. It also called Tier 0 license.

- HPE RSPM Consumer SM-DP+ 10K Download per year Tier 0 max 50K

HPE RSPM Profile Generation LTU is an optional license that is needed if HPE RSPM is required to generate eUICC profiles instead of relying on the EUM or eUICC manufacturer. It is a one-time optional license.

- **HPE RSPM Profile Generation Option E-LTU**

HPE RSPM Non-Commercial LTU is used only on non-production systems for test and development purposes only. The license enables a single instance of the platform, with no failover.

- **HPE RSPM Consumers Non-Commercial LTU** – enables the use of RSPM for consumer connected devices in a non-commercial system
- **HPE RSPM M2M Non-Commercial LTU** – enables the use of RSPM for M2M devices in a non-commercial system

Additional license terms

TERM

- A.** Software contains software and associated specifications licensed from third parties that are confidential to, and trade secrets of, such parties. You will not take any action other than to Use it as authorized under the agreement as part of the software products and will not disclose it to third parties.

- B.** You shall install and use the software as authorized in the applicable agreement only as a complete product and may not use portions of such software on a standalone basis separate from the complete software unless expressly authorized in the Supporting Material, specifications or an applicable agreement.

- C.** Unless stated otherwise, you are authorized to Use one Device at a time for your Internal Use.

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