Additional License Authorizations

For HP Network Management Center software products

Products and suites covered

Products	E-LTU or E-Media available *	Non-Production use category **
HP Intelligent Management Center for HP Network Node Manager i	Yes	Class 1
HP Network Automation	Yes	Class 2 ***
HP Network Automation Premium Edition	Yes	Class 1
HP Network Automation Ultimate Edition	Yes	Class 1
HP Network Node Manager i (HP Network Node Manager i Standard)	Yes	Class 2
HP Network Node Manager i Advanced	Yes	Class 2
HP Network Node Manager i Premium Edition	Yes	Class 1
HP Network Node Manager i Ultimate Edition	Yes	Class 1
HP Network Node Manager i Smart Plug-in for IP Telephony	Yes	Class 2
HP Network Node Manager i Smart Plug-in for MPLS	Yes	Class 2
HP Network Node Manager i Smart Plug-in for IP Multicast	Yes	Class 2
HP Network Node Manager i Smart Plug-in for Network	Yes	Class 2
HP Network Node Manager i Smart Plug-in for Performance	Yes	Class 2
HP Network Node Manager i Smart Plug-in Network Engineering Toolset	Yes	Class 2
HP Network Node Manager i Smart Plug-in Performance for Metrics	Yes	Class 2
HP Network Node Manager i Smart Plug-in Performance for Traffic	Yes	Class 2
HP Network Node Manager i Smart Plug-in Performance for Quality Assurance	Yes	Class 2
HP Network Node Manager i Integration Enablement	Yes	Class 2
HP Network Node Manager i Integration Module for NetCool	Yes	Class 2
HP Network Node Manager i Software Developer Toolkit	Yes	Class 2

Suites	E-LTU or E-Media available *	Non-Production use category **
HP Automated Network Management Suite	Yes	Class 2
HP Automated Network Management Advanced Suite	Yes	Class 2
HP Unified Communications & Collaboration Management Standard Edition Suite Server	Yes	Class 1
HP Unified Communications & Collaboration Management Standard Edition Suite Collaboration User Packs	Yes	Class 1

* Any product sold as E-LTU or E-Media shall be delivered electronically regardless of any contrary designation in a purchase order.

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** Non-production use rights, if any, can be found at **www.hp.com/go/SWlicensing**.

*** The Network Automation family of products which were Generally Available on HP's price list up until December 2009 are deemed Class 1 products.

Definitions

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

Term	Definition
Base Template	means an amount of NNM iSPI Points required for specific NNM iSPIs to be operational at a basic level. The specific amount varies depending on the specific NNM iSPI. More NNM iSPI Points are required for these NNM iSPIs to be fully functional to provide services such as data collection and analysis.
Clustered Computer	means a group of servers or other resources that act like a single system and enable high availability and in some cases, load balancing and parallel processing.
Cold Standby System	means a standby non-production system which is NOT up and running. If the production system breaks down, or needs to be taken out of service, you are required to switch on and start the Cold Standby System in order to take over for the production system.
Collaboration User	means users who are authorized to Use the unified communications and collaboration services which are being managed by the HP Unified Communications and Collaboration (UCC) Suites.
Collaboration User Pack or *CUP*	means the minimum number of licenses which can be purchased for the UCC Management Standard Edition Suite Collaboration User Pack. A typical implementation will require multiple UCC CUPs.
Core	means the Server side component of software. Is typically complemented by an Agent component.
Device or *Dev*	means an addressable entity, physical or virtual, including but not limited to router, switch, bridge, hub, server, PC, laptops, handheld device or printer that resides within the range defined for interrogation and asset tracking.
E-LTU and *E-Media*	means 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.
Global Network Management (GNM)	means an NNMi environment of multiple NNMi Management Stations, where at least one NNMi Global Manager is receiving information from one or more NNMi Regional Managers.
Hot Standby System	means a non-production system which is up and running, ready to take over from the production system if the production system breaks down or needs to be taken out of service.
Instance	means each implementation of the application installed on a Server.
Internal Use	means access and Use of the software for purposes of supporting your internal operations or functions.
LTU	means License To Use.
Mesh	means a collection of two or more NA Cores that are replicating data with each other.
NA Node	means a managed Device (module) that has its own configuration for the purpose of being managed by HP Network Automation. Note: Network Devices and Nodes are not always the same thing e.g a switch (one Network Device) may have three nodes: one switching card, one routing card and one backup routing card.
NA Node Pack	means a predetermined number of NA Nodes.
Network Automation (NA) Horizontal Scalability	means two or more NA Cores connected as a Mesh to a common database.
Network Automation (NA) MultiMaster	means two or more NA Cores connected as a Mesh each with their own dedicated database.

Term	Definition
Network Distributed System	means an HP Network Automation installation with multiple Cores that work together in a Mesh.
NNM Cold Standby System	means a Non-Production standby system which has the HP Network Node Manager i software product installed, but is either shutdown or is not concurrently running any of the product's processes.
NNM Development and Test System	means a Non-Production system which has the HP Network Node Manager i software product installed, and is concurrently running some or all of the product's processes for the purpose of a) developing your add-on applications; b) migration testing; or c) pre-production staging.
NNMi Global Manager	means a NNMi Management Station which functions in the role or receiving and consolidating information from one or more NNMi Regional Manager(s).
NNMi Hot Standby System	means a Non-Production standby system which has the HP Network Node i Manager software product installed, and is concurrently running some or all of the product's processes.
NNM iSPI Points	means the Base Templates and metrics you are is authorized to use or monitor.
NNMi Management Station	means the software component of the HP Network Node Manager i software product that constitutes the central entity, where all messages are received, processed, stored and forwarded to the operator GUI.
NNMi Node	means a collection of network interfaces that the NNMi Management Station software can pragmatically associate together.
NNMi Node Pack	means a predetermined number of manageable Nodes.
NNMi Production System	means a system which has a HP Network Node Manager i software product installed and is running some or all of the product's processes to be used for collecting data, executing product logic, or sending/receiving messages.
NNMi Regional Manager	means a NNMi Management Station which supplies information to one or more NNMi Global Managers.
Nodes	means a type of Node as further defined in the Software specific terms below.
Non-Production or *NP*	means internal use which is limited to Use on Development and Test Systems and Hot and/or Cold Standby Systems. This NP license requires the previous purchase of the equivalent or greater production licenses. Support for NP licenses is restricted to the period of and current status of the equivalent production license.
Non-Production Dev Test or *NP DV*	means internal use which is limited to Development and Test Systems.
Points	means the numerical tracking system representing the total number of metrics you are authorized to execute.
QA Probe	means an agent based probe which generates specific type of network traffic in a continuous, reliable, and predictable manner for measuring end to end network performance like jitter, latency and , packet loss.
Satellite	means gateway software that interoperates with a standard Core or a Non-Production Core.
Server	means any designated computer system in which an Instance or Instances of the software is installed.
Solution Template	means a set of HP SiteScope monitor configurations with predefined thresholds for a given technology. Solution Templates may include a password-protected best practices document.
Suite	means two or more software products combined into a single license offering. The specific software products included in a Suite are specified in the Software Specific License Terms below. Software products included in a Suite are governed by the individual authorizations and use restrictions associated with each software product.
Traffic Collector Connection	means the association of an Instance of HP Network Node Manager i Smart Plug-in Performance for traffic with a remote Instance of a flow collector for the purpose of receiving flow data from the flow collector.
UCC Management Server	means the unified communications and collaboration management station which allows the IT administrators to perform an end to end unified communication and collaboration monitoring function.
Unlimited NNMi Nodes	means that the NNMi Management System software does not programmatically limit to the number of Nodes that can be managed from that Instance of the NNMi Management Station software; however, there are practical limits

Term	Definition
	based on overall system resources, system performance, and constraints of the operating system.
Unlimited NNM iSPI Points	means that the NNMi Management System software does not programmatically limit to the number of NNM iSPI Points that can be managed from that Instance of the Management Station software; however, there are practical limits based on overall system resources, system performance, and constraints of the operating system.
Use	means to install, store, load, execute and display once copy of the software.

Software specific license terms

Software products with software 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.

HP Intelligent Management Center for HP Network Node Manager i (previously called HP Intelligent Management Center for HP Automated Network Management)

HP Intelligent Management Center for HP Network Node Manager i is licensed by Node Pack. For the purposes of HP Intelligent Management Center for HP Network Node Manager i, a Node Pack is an NNMi Node Pack. An HP Intelligent Management Center for HP Network Node Manager i software product is licensed for use on a single computer or Clustered Computer. The reference to NNMi Node Packs reflects the number of NNMi Nodes that the Licensee may concurrently monitor.

HP Network Automation, HP Network Automation Premium Edition, HP Network Automation Ultimate Edition

HP Network Automation is licensed per Node per Core. HP Network Automation Premium Edition and HP Network Automation Ultimate Edition are licensed per Node. For the purposes of the HP Network Automation software products, a Node means an NA Node. HP Network Automation Premium Edition licenses do not include policy compliance related features. HP Network Automation, HP Network Automation Premium Edition and HP Network Automation Ultimate Edition include a license of HP BSA Essentials. The HP BSA Essentials license can only be used in conjunction with these HP Network Automation software products.

HP Network Automation Node Packs are only licensed to customers who purchased such licenses prior to December 1, 2013; the software specific license terms below only apply to HP Network Automation and not to HP Network Automation Premium Edition and HP Network Automation Ultimate Edition. Node Licenses are licensed in 50 Node Pack bundles. The quantity of HP Network Automation Node licenses purchased must be greater than or equal to the number of Nodes being managed. Each HP Network Automation Standard Core managing Nodes in a production environment must have separate Node licenses. There is no license quantity restriction on the number of Nodes configurable on a HP Network Automation Standard Core. Consult the HP Network Automation product guide for specific Node limits on the product due to hardware capacity constraints.

HP Network Automation Node licenses are also licensed in 50 Non-Production Node Pack bundles and enable use of both the HP Network Automation MultiMaster and HP Network Automation Horizontal Scalability features. Non-Production Node licenses are licensed for a single separate server that is separate from the production version. Non-Production server must have an equal number of non-production Network Node licenses as the number of production Node licenses on a standard Core in order to function. If Non-Production installs of the software are used in a Network Distributed System, each Server install of the software must have its own Non-Production or production licenses and all Servers in the Network Distributed System must have an equal number of licenses. Within any Network Distributed System, one Server must have standard Node licenses and the other servers in the Network Distributed System must have an equal number of Non-Production licenses for the Network Distributed System to function properly.

Non-Production Dev Test licenses require the previous purchase of the equivalent or greater production licenses. Support for Non-Production Dev Test licenses is restricted to the period of and current status of the equivalent production license. Production and Non-Production Node licenses require the use of non-HP third party databases that are not included as part of the Node license.

The HP Network Automation Node Pack Non-Production Nodes software LTU/E-LTU is required to activate the NA Horizontal Scalability capability. The HP Network Automation Node Pack Non-Production Nodes software LTU/E-LTU is required to activate the NA MultiMaster capability a meshed Core software installation without database replication.

An HP Network Automation Satellite license permits a separate Server and or Device to act as an intermediary point for sending and receiving HP Network Automation traffic to/from Nodes to the Core and also adds the ability to handle Nodes with duplicate IP addresses. HP Network Automation Satellite must have the same number of Satellite licenses in the production environment as in the Non-Production environments.

You shall install and use HP Network Automation only as a complete product and may not use portions of such software on a standalone basis separate from HP Network Automation.

HP Network Node Manager i, HP Network Node Manager i Advanced,
HP Network Node Manager i Premium Edition, HP Network Node Manager i Ultimate Edition

HP Network Node Manager i (also referred to as HP Network Node Manager i Standard), HP Network Node Manager i Advanced, HP Network Node Manager i Premium Edition and HP Network Node Manager i Ultimate Edition are licensed per Node. For the purposes of the HP Network Node Manager i software products, a Node means an NNMi Node. The HP Network Node Manager i software products are licensed for use on a single computer or Clustered Computer. Nodes are only counted by the local NNMi Management Station. If they are replicated to a remote NNMi Management Station, they do not count against the license of the remote NNMi Management Station.

HP Network Node Manager i and HP Network Node Manager i Advanced Node Packs are only licensed to customers who purchased such licenses prior to December 1, 2013; the software specific license terms below only apply to HP Network Node Manager i and HP Network Node Manager i Advanced and not to HP Network Node Manager i Premium Edition and HP Network Node Manager i Ultimate Edition.

Depending on the implementation and use, an appropriate license is required for:

- NNMi Production System: HP Network Node Manager i software product LTU is required.
- For clarification only, installing an HP Network Node Manager i software product on a Clustered Computer only requires the Production LTU; a separate Non-Production LTU is not required.
- NNMi Cold Standby System (including Clustered Computers): HP Network Node Manager i software product Non-Production LTU is required.
- NNMi Development and Test System: HP Network Node Manager i software product Non-Production LTU is required.
- NNMi Hot Standby System (including Clustered Computers): HP Network Node Manager i software product Non-Production LTU is required.

A Network Node Manager i software product consists of three components for functionality: Management Station, Nodes and Smart Plug-Ins. The reference to Node Packs reflects the number of Nodes that you may concurrently monitor from the Management System and comes in various counts, including, but not limited to: 50 and Unlimited Nodes. Smart Plug-ins provide additional functionality to either NNMi or NNMi Advanced.

There are two types of Network Node Manager i Management Stations:

HP Network Node Manager i (Standard functionality at the NNMi Management Station)
An HP Network Node Manager i software product Node Pack License-To-Use (LTU) consists of two components: Management System and Nodes which are purchased in 50 Node Packs. While NNMi can enhance its functionality via the addition of NNMi Smart Plug-Ins, it has other limitations compared to NNM i Advanced, including the inability to function as a manager of other NNM i Management Stations (called Global Network Management).

HP Network Node Manager i Advanced (Advanced functionality at the NNMi Management Station)
An HP Network Node Manager i Advanced software product Node Pack License-To-Use (LTU) consists of two components: Management System and Nodes which are purchased in 50 Node Packs. NNMi Advanced has the unique ability to function as a NNMi Global Manager (GNM) within a Global Network Management environment. Any Node that exists in an NNMi Global Manager as well as an associated NNMi Regional Manager will be counted by the LTU of both NNMi Management Stations. Additional NNMi 50-Node Pack Licenses, above what's required for Local Management Stations, may need to be purchased to implement a GNM environment.

HP Network Node Manager i Smart Plug-ins

HP Network Node Manager i Smart Plug-ins consist of additional functionality that comes with either HP Network Node Manager i Premium Edition or HP Network Node Manager i Ultimate Edition or is being sold separately for HP Network Node Manager i and HP Network Node Manager i Advanced. HP Network Node Manager i Premium Edition does not include the following Smart Plug-ins: iSPI for IP Multicast, iSPI for IP Telephony, iSPI for MPLS, iSPI NET, and iSPI Performance for Traffic.

HP Network Node Manager i Smart Plug-ins are only licensed separately to customers who purchased such licenses prior to December 1, 2013; the software specific license terms below only apply to licenses sold for use with HP Network Node Manager i and HP Network Node Manager i Advanced and not with HP Network Node Manager i Premium Edition and HP Network Node Manager i Ultimate Edition.

An HP Network Node Manager i Smart Plug-ins software product NNM iSPI Node Pack License-To-Use (LTU) consists of two components: Management System and Nodes. For the purposes of the HP Network Node Manager i Smart Plug-in software products, a Node means an NNMi Node. The reference to Node Packs reflects the number of Nodes that you may concurrently monitor from the Management System and comes in various counts, including, but not limited to: 50 and Unlimited Nodes.

An HP Network Node Manager i Smart Plug-ins software product NNM iSPI Point Pack License-To-Use (LTU) consists of NNM iSPI Points. The reference to Point Packs reflects the number of NNM iSPI Points you may use to concurrently enable NNM iSPI Base Templates and monitor metrics from the Management System and comes in various counts, including, but not limited to: 100 and Unlimited NNM iSPI Points.

NNM iSPI Nodes and NNM iSPI Points may be used to enable monitoring of the following network technologies, as per below:

Smart Plug-in	Covers
NNM iSPI IP Telephony	
Each NNM iSPI Telephony Base Template	1,000 NNM iSPI Points
Each IP Phone Node	1 NNM iSPI Point
Each IP Gateway Node	3 NNM iSPI Points
Each IP PBX/System Node	7 NNM iSPI Points
NNM iSPI MPLS	
Each NNM iSPI MPLS Base Template	5,000 NNM iSPI Points
Each Label Switch Router (LSR) Node	4 NNM iSPI Points
Each OSI Layer-3 VRF Interface	4 NNM iSPI Points
Each OSI Layer-2 Forwarding Interfaces	5 NNM iSPI Points
NNM iSPI IP Multicast	
Each NNM iSPI IP Multicast Base Template	1,500 NNM iSPI Points
Each IP Multicast Node	5 NNM iSPI Points
Each IP Multicast Source Group, N(S,G)	4 NNM iSPI Points
NNM iSPI NET	
Each Node	1 NNM iSPI Node
NNM iSPI Performance for Metrics	
Each Node	1 NNM iSPI Node
NNM iSPI Performance for QA	
Each QA Probe	1 NNM iSPI Point
NNM iSPI Performance for Traffic	
Each sFlow Interface	1 NNM iSPI Point
Each NetFlow Interface	5 NNM iSPI Points
NNM iSPI for Performance	
Each Node	1 NNM iSPI Node

HP Network Management Center Suite offerings

Suite	Offering includes
HP Automated Network Management Suite	▪ 1 HP Network Automation 50 Node Pack ▪ 1 HP Network Node Manager i 50 Node Pack ▪ 1 HP Network Node Manager i Smart Plug-In Network Engineering Toolset 50 Node Pack ▪ 1 HP Network Node Manager i Smart Plug-In Performance for Metrics 50 Node Pack ▪ 1 HP Network Node Manager i Integration Enablement License 50 Node Pack ▪ 100 HP Network Node Manager i Smart Plug-in Points which can be shared between the following as long as the total number of licenses consumed does not exceed 100 per Automated Network Management Suite 50 node pack: o HP Network Node Manager i Smart Plug-In Performance for Quality Assurance o HP Network Node Manager i Smart Plug-In Performance for Traffic
HP Automated Network Management Advanced Suite	▪ 1 HP Network Automation 50 Node Pack ▪ 1 HP Network Node Manager i Advanced 50 Node Pack ▪ 1 HP Network Node Manager i Smart Plug-In Network Engineering Toolset 50 Node Pack ▪ 1 HP Network Node Manager i Smart Plug-In Performance for Metrics 50 Node Pack ▪ 1 HP Network Node Manager i Integration Enablement License 50 Node Pack ▪ 300 Network Node Manager i Smart Plug-in Points licenses which can be shared between the following as long as the total number of licenses consumed does not exceed 300 per Automated Network Management Advanced Suite 50 node pack: o HP Network Node Manager i Smart Plug-In Performance for Quality Assurance o HP Network Node Manager i Smart Plug-In Performance for Traffic o HP Network Node Manager i Smart Plug-in for IP Telephony (iSPI IP Telephony) o HP Network Node Manager i Smart Plug-in for MPLS (iSPI MPLS) o HP Network Node Manager i Smart Plug-in for IP Multicast (iSPI IP Multicast)
HP Network Node Manager i + HP Network Node Manager i Smart Plug-In Performance for Metrics	▪ 1 HP Network Node Manager i 50 Node Pack ▪ 1 HP Network Node Manager i Smart Plug-In Performance for Metrics 50 Node Pack
HP Network Node Manager i + HP Network Node Manager i Smart Plug-In Performance for Metrics + HP Network Node Manager i Smart Plug-In Network Engineering Toolset	▪ 1 HP Network Node Manager i 50 Node Pack ▪ 1 HP Network Node Manager i Smart Plug-In Performance for Metrics 50 Node Pack ▪ 1 HP Network Node Manager i Smart Plug-In Network Engineering Toolset 50 Node Pack

Suite	Offering includes
HP Unified Communications and Collaboration Management Standard Edition Suite Server	▪ HP SiteScope Solution Templates: o 1 HP SiteScope OS Template o 1 HP SiteScope MS SQL Template o 1 HP SiteScope Exchange Template o 1 HP SiteScope Active Directory Template o 1 HP SiteScope SharePoint Template o 1 HP SiteScope Lync Server Template ▪ 10 HP Network Node Manager i Smart Plug-in Points Packs – 1,000 HP Network Node Manager i Smart Plug-in Points licenses which are required for the HP Network Node Manager i Smart Plug-in for IP Telephony Base Template
HP Unified Communications and Collaboration Management Standard Edition Suite Collaboration User Pack	▪ 1 HP Network Node Manager i 50 Node Pack ▪ 1 HP Network Node Manager i Smart Plug-In Performance for Metrics 50 Node Pack ▪ 13 HP Network Node Manager i Smart Plug-in Points Packs – 1,300 HP Network Node Manager i Smart Plug-in Points licenses which can be shared between the following as long as the total number of licenses consumed does not exceed 1,300 per UCC Management Standard Edition Suite CUP: o HP Network Node Manager i Smart Plug-In Performance for Quality Assurance o HP Network Node Manager i Smart Plug-In Performance for Traffic o HP Network Node Manager i Smart Plug-in for IP Telephony (iSPI IP Telephony) ▪ 800 HP SiteScope Points

Additional license terms

	Term
A.	Unless stated otherwise, you are authorized to Use one Device at a time for your Internal Use.

hp.com/go/SWLicensing

Latest version of software licensing documents

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