

ADDITIONAL LICENSE AUTHORIZATIONS

For HP Network Management Center Software products

PRODUCT USE AUTHORIZATIONS

This document provides Additional License Authorizations for the following Software products in the Network Management Center of HP's IT Performance Suite Software:

Products	Suites
HP Network Automation	HP Automated Network Management Suite
HP Network Node Manager i	HP Automated Network Management Advanced Suite
HP Network Node Manager i Advanced	HP Unified Communications & Collaboration Management Standard Edition Suite Server
HP Network Node Manager i Smart Plug-in for IP Telephony	
HP Network Node Manager i Smart Plug-in for MPLS	HP Unified Communications & Collaboration Management Standard Edition Suite Collaboration User Packs
HP Network Node Manager i Smart Plug-in for IP Multicast	
HP Network Node Manager i Smart Plug-in for Network	
HP Network Node Manager i Smart Plug-in for Performance	
HP Network Node Manager i Smart Plug-in Performance for Metrics	
HP Network Node Manager i Smart Plug-in Performance for Traffic	
HP Network Node Manager i Smart Plug-in Performance for Quality Assurance	
HP Network Node Manager i Integration Enablement	
HP Network Node Manager i Integration Module for NetCool	
HP Network Node Manager i Software Developer Toolkit	

HP Network Node Manager, HP Network Node Manager Advanced, HP Performance Insight and HP Route Analytics Management System Software products are covered in separate Additional License Authorizations documents.

Definitions

Capitalized terms not otherwise defined in this Additional License Authorizations document are defined in the governing Agreement.

Term	Definition
<i>Base Template</i>	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.
<i>Clustered Computer</i>	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.
<i>Cold Standby System</i>	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, Licensee is required to switch on and start the Cold Standby System in order to take over for the production system.



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Term	Definition
<i>Collaboration User</i>	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.
<i>Collaboration User Pack or CUP</i>	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.
<i>Core</i>	means the server side component of software. Is typically complemented by an Agent component
<i>Device or Dev</i>	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.
<i>E-LTU and E-Media</i>	means products which are electronically delivered only, and as such any reference to FOB Destination or delivery methods that are stated on Licensee's purchase order other than electronic shall be null and void with respect to these E-LTU or E-Media products.
<i>Global Network Management (GNM)</i>	means an NNM environment of multiple NNM Management Stations, where at least one NNM Global Manager is receiving information from one or more NNM Regional Managers.
<i>Hot Standby System</i>	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.
<i>Instance</i>	means each implementation of the application installed on a Server.
<i>Internal Use</i>	means access and Use of the Software for purposes of supporting the internal operations or functions of Licensee.
<i>LTU</i>	means License To Use
<i>Network Automation (NA) Horizontal Scalability</i>	means a meshed Core software installation without database replication.
<i>Network Automation (NA) MultiMaster</i>	means a database & Core standby software installation.
<i>Network Distributed System</i>	means an HP Network Automation installation with multiple Cores that work together in a mesh.
<i>Network Node</i>	means a managed Device (module) that has its own configuration. 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.
<i>Network Node Pack</i>	means a predetermined number of Network Nodes.
<i>NNM Cold Standby System</i>	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.
<i>NNM Development and Test System</i>	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 Licensee add-on applications; b) migration testing; or c) pre-production staging.
<i>NNM Global Manager</i>	means a NNM Management Station which functions in the role of receiving and consolidating information from one or more NNM Regional Manager(s).
<i>NNM Hot Standby System</i>	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.
<i>NNM iSPI Points</i>	means the Base Templates and metrics a Licensee is authorized to use or monitor.
<i>NNM Management Station</i>	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.
<i>NNM Node Pack</i>	means a predetermined number of manageable Nodes.
<i>NNM Production System</i>	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.
<i>NNM Regional Manager</i>	means a NNM Management Station which supplies information to one or more NNM Global Managers.
<i>Nodes</i>	means a collection of network interfaces that the Management Station software can pragmatically associate together.

Term	Definition
<i>Non-Production or NP</i>	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.
<i>Non-Production Dev Test or NP DV</i>	means internal use which is limited to Development and Test Systems.
<i>Points</i>	means the numerical tracking system representing the total number of metrics Licensee is authorized to execute.
<i>QA Probe</i>	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.
<i>Satellite</i>	means gateway software that interoperates with a standard Core or a Non-Production Core.
<i>Server</i>	means any designated computer system in which an Instance or Instances of the Software is installed.
<i>Solution Template</i>	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.
<i>Suite</i>	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.
<i>Traffic Collector Connection</i>	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.
<i>UCC Management Server</i>	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.
<i>Unlimited NNM Nodes</i>	means that the NNM Management System software does not programmatically limit to the number of Nodes 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.
<i>Unlimited NNM iSPI Points</i>	means that the NNM 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.
<i>Use</i>	means to install, store, load, execute and display once copy of the Software.

Software specific license terms

For Software Products with software specific license terms, these terms are described below. Software Products covered by this additional license authorization (as listed on the first page under Product use authorizations) and not covered in this section do not have software specific license terms.

HP Network Automation

HP Network Automation is licensed per Network Node per Core.

Network Node Licenses are licensed in 50 Network Node pack bundles. The quantity of HP Network Automation Network Node licenses purchased must be greater than or equal to the number of Network Nodes being managed. Each HP Network Automation Standard Core managing Network Nodes in a production environment must have separate Network Node licenses. There is no license quantity restriction on the number of Network Nodes configurable on a HP Network Automation Standard Core. Consult the HP Network Automation product guide for specific Network Node limits on the product due to hardware capacity constraints.

HP Network Automation Network Node licenses are also licensed in 50 Non-Production Network Node Pack bundles and enable use of both the HP Network Automation MultiMaster and HP Network Automation Horizontal Scalability features. Non-Production Network 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 Network 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 Network 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 Network Node licenses require the use of non-HP third party databases that are not included as part of the Network 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 Network Nodes to the Core and also adds the ability to handle Network 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.

HP Network Automation includes a license of HP BSA Essentials. The HP BSA Essentials license can only be used in conjunction with HP Network Automation.

HP Network Node Manager i and HP Network Node Manager i Advanced

An HP Network Node Manager i Software Product is licensed for use on a single computer or Clustered Computer. Depending on the implementation and use, an appropriate license is required for:

- NNM 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.
- NNM Cold Standby System: HP Network Node Manager i Software Product Non-Production LTU is required.
- NNM Development and Test System: HP Network Node Manager i Software Product Non-Production LTU is required.
- NNM Hot Standby System: 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 the Licensee 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 NNM 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 NNM 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 NNM Global Manager (GNM) within a Global Network Management environment. Any Node that exists in an NNM Global Manager as well as an associated NNM Regional Manager will be counted by the LTU of both NNM Management Stations. Additional NNM 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

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. The reference to Node Packs reflects the number of Nodes that the Licensee 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 the Licensee 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
<i>NNM iSPI Telephony</i>	
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
<i>NNM iSPI MPLS</i>	
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
<i>NNM iSPI IP Multicast</i>	
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
<i>NNM iSPI NET</i>	
Each Node	1 NNM iSPI Node
<i>NNM iSPI Performance for Metrics</i>	
Each Node	1 NNM iSPI Node
<i>NNM iSPI Performance for QA</i>	
Each QA Probe	1 NNM iSPI Point
<i>NNM iSPI Performance for Traffic</i>	
Each sFlow Interface	1 NNM iSPI Point
Each NetFlow Interface	5 NNM iSPI Points
<i>NNM iSPI for Performance</i>	
Each Node	1 NNM iSPI Node

HP Network Management Center Suite offerings

Suite	Offering includes
<i>HP Automated Network Management Suite</i>	<ul style="list-style-type: none">▪ 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:<ul style="list-style-type: none">▪ HP Network Node Manager i Smart Plug-In Performance for Quality Assurance▪ HP Network Node Manager i Smart Plug-In Performance for Traffic
<i>HP Automated Network Management Advanced Suite</i>	<ul style="list-style-type: none">▪ 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:<ul style="list-style-type: none">▪ HP Network Node Manager i Smart Plug-In Performance for Quality Assurance▪ HP Network Node Manager i Smart Plug-In Performance for Traffic▪ HP Network Node Manager i Smart Plug-in for IP Telephony (iSPI IP Telephony)▪ HP Network Node Manager i Smart Plug-in for MPLS (iSPI MPLS)▪ HP Network Node Manager i Smart Plug-in for IP Multicast (iSPI IP Multicast)
<i>HP Network Node Manager i + HP Network Node Manager i Smart Plug-In Performance for Metrics</i>	<ul style="list-style-type: none">▪ 1 HP Network Node Manager i 50 Node pack▪ 1 HP Network Node Manager i Smart Plug-In Performance for Metrics 50 Node Pack
<i>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</i>	<ul style="list-style-type: none">▪ 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

HP Network Management Center Suite offerings (continued)

Suite	Offering includes
<i>HP Unified Communications and Collaboration Management Standard Edition Suite Server</i>	<ul style="list-style-type: none">▪ HP SiteScope Solution Templates:<ul style="list-style-type: none">▪ 1 HP SiteScope OS Template▪ 1 HP SiteScope MS SQL Template▪ 1 HP SiteScope Exchange Template▪ 1 HP SiteScope Active Directory Template▪ 1 HP SiteScope SharePoint Template▪ 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
<i>HP Unified Communications and Collaboration Management Standard Edition Suite Collaboration User Pack</i>	<ul style="list-style-type: none">▪ 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:<ul style="list-style-type: none">▪ HP Network Node Manager i Smart Plug-In Performance for Quality Assurance▪ HP Network Node Manager i Smart Plug-In Performance for Traffic▪ HP Network Node Manager i Smart Plug-in for IP Telephony (iSPI IP Telephony)▪ 800 HP SiteScope Points

Additional license terms

The Software described in this Additional License Authorization (“ALA”) is governed by the agreement set forth on the quote for the order referencing this Software. The terms of this ALA shall govern delivery of the Software and specifically take precedence over any different terms in such agreement to the extent of a conflict.

Term	Definition
A.	Unless stated otherwise, Licensee is authorized to Use one Device at a time for Licensee’s Internal Use.
B.	Licensee accepts Software upon delivery.
C.	Third party suppliers are intended beneficiaries under this Agreement and independently may protect their rights in the Software in the event of any infringement. All rights not expressly granted to Licensee are reserved solely to HP or its suppliers.
D.	Licensee must reproduce all copyright notices that appear in or on the Software (including documentation) on all permitted copies or adaptations. Copies of documentation are limited to Internal Use.
E.	Licensee may not Use or allow any other person or entity to Use Software or Support for the provision of commercial timesharing, service bureau, managed, outsourcing, ASP, subscription or other services to any person or entity without written authorization from HP, pursuant to additional terms and conditions or a separate written agreement for such Use and where applicable licenses and fees.
F.	Licensee agrees that HP may audit relevant books and records (including electronic), devices computers and systems of Licensee and its service providers, consultants and contractors (collectively, “Contractors”) relating to the Software in order to verify Use of the Software in compliance with the Software license terms (“License Terms”) . HP may make copies of any such books and records. HP may conduct the audit itself, or at its option may use an independent third party. Audits may be conducted at any sites of Licensee, and its Contractors where copies of the Software are installed, Used or accessed, including remotely. HP will bear its own costs in connection with an audit. HP shall provide at least twenty one (21) calendar days prior notice of any audit, except when it has reasonable cause to suspect that there is an infringement of its intellectual property rights, in which case only two (2) working days’ notice is required. Any audit would be performed during Licensee’s normal business hours in a manner that minimizes disruption to Licensee’s business. Licensee and its Contractors shall provide HP and its auditor with all assistance reasonably required in order to carry out the audit. If an audit reveals underpayments, then Licensee will pay HP such amounts invoiced by HP based on the prices for the Software license and Support fees specified in the local published HP price list in effect on the date of completion of the audit. If the underpayment exceeds by 5% the prices payable by Licensee for the Software and Support during the period covered by the audit, then Licensee will also pay the costs reasonably incurred by HP in connection with the audit and seeking compliance with this sub-section . HP’s rights and remedies in this section shall be without prejudice to any additional rights or remedies it may have at law or in equity for Licensee’s non-compliance with these License Terms. Licensee shall cause its Contractors to agree to, and comply with, the provisions of this section and shall be responsible for their non-compliance.

