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|  | HUAWEI eSight Network Ordering Guide | 附件1-16K |
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| HUAWEI TECHNOLOGIES CO., LTD. |
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# Introduction

## Overview

This document describes how to order Huawei enterprise management system eSight Network and the information about functional modules and hardware configuration of eSight Network. Before reading this document, you are advised to understand related knowledge about eSight Network and its features.

## Order Description

The eSight Network series can be sold in resale and non-resale markets across the global. The prices in markets outside China are the same.

The eSight Network compact edition is recommended for resale markets, and the eSight Network standard or professional edition is recommended for non-resale markets.

# Ordering Guide

## Product Overview

eSight Network is a new-generation comprehensive operation and maintenance solution developed by Huawei for network management in enterprises. eSight Network supports unified monitoring and configuration management over devices of various types and from various vendors, monitors and analyzes network and service quality, and implements unified management over enterprise resources, services, and users. In addition, eSight Network offers a flexible and open platform that enables enterprises to customize software and build an intelligent management system tailored to their own needs. For the detailed description of Huawei eSight Network, see *HUAWEI eSight Network Full Product Datasheet*.



* eSight Network Management Platform: priced differently in the compact, standard and professional editions.
* Device Manager: priced based on the management objects. Customers are charged for software package and license.
* Service Manager: To purchase service management components, customers need to purchase corresponding device management components first. Customers are charged for software package and license.

## Operating Environment

|  |  |  |  |
| --- | --- | --- | --- |
| Category | Item |  | NMS |
| Compact | Standard | Professional |
| OS + DB | Windows + MySQL | **×** | **×** | **×** |
| Windows + SQL Server | **√** | **√** | **√** |
| Linux + Oracle | **×** | **√** | **√** |
| Two-node cluster | **×** | **×** | **√** |
| Maximum number of managed devices | **40** | **5000** | **20000** |



Only the Linux and Oracle combination is supported when the number of managed devices ranges from 5001 to 20,000.

For hardware configuration requirements and management capability of each service component, see *HUAWEI eSight Network Configuration of Software and Hardware*.

## Supported Component

| Category | Component | Compact | Standard | Professional | Remarks |
| --- | --- | --- | --- | --- | --- |
| Platform | eSight Network Management Platform | **√** | **√** | **√** | Software fee |
| Device Manager | eSight Network Device Manager | **√** | **√** | **√** | Software fee + License |
| Service Manager | eSight Network Agile Reporter | **×** | **√** | **√** | Software fee |
| eSight Network Open SDK | **×** | **√** | **√** | Software fee |
| eSight Network Secure Center | **×** | **√** | **√** | Software fee + License |
| eSight Network WLAN Manager | **×** | **√** | **√** | Software fee + License |
| eSight Mobile Manager | **×** | **√** | **√** | Software free |
| eSight Network SLA Manager | **×** | **√** | **√** | Software fee |
| eSight Network Traffic Analyzer (NTA) | **×** | **√** | **√** | Software fee + License |
| eSight Network IPSec VPN Manager | **×** | **√** | **√** | Software fee + License |



MPLS VPN Manager, MPLS Tunnel Manager, Security Policy Analyzer and upper-layer NMS are removed from the UniSTAR SCT and are sold with restrictions. If any project requires these components, contact project expansion personnel of the region to check whether the components are within the current delivery scope in the PDT meeting. If so, an order can be placed using the manual quotation template.

Smart Reporter is replaced by Agile Reporter, which provides more powerful computing capability and enriched display content.

Video Surveillance Device Manager is no longer included in eSight Network. To purchase this component, place an order in the UniSTAR SCT for eSight Solution.

LogCenter is no longer included in eSight Network. To purchase this component, place an order in the UniSTAR SCT for LogCenter.

## Ordering the eSight Network Management Platform

### Compact Edition

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| --- | --- | --- |
| Part Number | Model | Description |
| 88031XCS | NSHS0NMSSW28 | eSight Network Application Base-Compact(include 40 devices License) |



* The compact edition can manage only 40 network elements (NEs).
* Support Windows operating system.
* Cannot be expended and select the value-added component. If the management scale is larger than 40 or a value-added component is required, the standard edition is recommended.
* Customers cannot upgrade the compact edition to the standard or professional edition.

### Standard Edition

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| --- | --- | --- |
| Part Number | Model | Description |
| 88032VEW | NSHSPLTSTD01 | eSight Network Management Platform, Standard |

* The standard edition can manage a maximum of 5,000 NEs.
* Support Windows and Linux OS.
* If need High Availability (HA), the Professional edition is recommended.

### Professional Edition

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| --- | --- | --- |
| Part Number | Model | Description |
| 88032VEX | NSHSPLTPRO01 | eSight Network Management Platform, Professional |

In addition to providing all functions of the standard edition, this edition can manage a larger number of devices, supports the two-node cluster deployment mode. It applies in the following scenarios:

* More than 5,000 NEs need to be managed.
* The two-node cluster deployment is used to provide high reliability.

## Ordering Device Management

eSight Network provides basic management functions for various types of devices. The functions include centralized alarm monitoring, topology display, performance collection, and user management.

When customers purchase eSight Network, they need to purchase sufficient licenses for these functions, which are mandatory quotation items.

| Device Type | Component | Sub-item | Device | License Calculation Method |
| --- | --- | --- | --- | --- |
| Network | Network Device Manager |  | Switch, router, firewall, AC, and fat AP | Total number of all network devices, excluding Fit APsTo use the SVF feature, the number of managed NEs is calculated based on the number of leaf nodes. |

### Network Device

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| --- | --- | --- |
| Part Number | Model | Description |
| 88032VFA | NSHSNETDEV01 | eSight Network Device Manager(include 60 devices License) |
| 88030WUL | NSHSSNELIC02 | eSight Network Standard NMS License-Incremental 25 Devices License |
| 88030WUM | NSHSSNELIC03 | eSight Network Standard NMS License-Incremental 50 Devices License |
| 88030WUN | NSHSSNELIC04 | eSight Network Standard NMS License-Incremental 100 Devices License |
| 88030WUP | NSHSSNELIC05 | eSight Network Standard NMS License-Incremental 200 Devices License |
| 88030WUQ | NSHSSNELIC06 | eSight Network Standard NMS License-Incremental 300 Devices License |
| 88030WUR | NSHSSNELIC07 | eSight Network Standard NMS License-Incremental 500 Devices License |
| 88030WUS | NSHSSNELIC08 | eSight Network Standard NMS License-Incremental 1000 Devices License |
| 88030WUW | NSHSPNELIC02 | eSight Network Professional NMS License-Incremental 50 Devices License |
| 88030WUX | NSHSPNELIC03 | eSight Network Professional NMS License-Incremental 100 Devices License |
| 88030WUY | NSHSPNELIC04 | eSight Network Professional NMS License-Incremental 200 Devices License |
| 88030WVA | NSHSPNELIC05 | eSight Network Professional NMS License-Incremental 300 Devices License |
| 88030WVB | NSHSPNELIC06 | eSight Network Professional NMS License-Incremental 500 Devices License |
| 88030WVC | NSHSPNELIC07 | eSight Network Professional NMS License-Incremental 1000 Devices License |

## Ordering the eSight Network Service Components

Customers can order service components as required. Before configuring any component, customers must configure the eSight Network Management Platform. The item marked with \* is mandatory, and the others are optional. License quotation can use the incremental mode.

### Agile Reporter

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| Part Number | Model | Description |
| 88033ACT | NSHSAGILERPT01 | eSight Network Agile Reporter\* |



* You are advised to configure the Agile Reporter by default.
* Various report templates are predefined in Agile Reporter. If customers have report customization requirements, contact project expansion personnel of the region to check whether report customization is supported, the version in which the requirements can be met, and the development fees.

### SLA Manager

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| Part Number | Model | Description |
| 88031BMX | NSHS000SLA01 | eSight Network SLA Manager\* |



* The SLA Manager component is the recommended default configuration.

### Network Traffic Analyzer

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| --- | --- | --- |
| Part Number | Model | Description |
| 88031LCP | NSHS000NTA01 | eSight Network Traffic Analyzer\* |
| 88031LCQ | NSHS000NTA02 | eSight Network NTA License-Incremental 1 Device License  |
| 88031LCR | NSHS000NTA03 | eSight Network NTA License-Incremental 2 Devices License |
| 88031LCS | NSHS000NTA04 | eSight Network NTA License-Incremental 5 Devices License |



* The collectors of the NTA component can be installed independently on a server or on the same server as the eSight Network Management Platform.
* NTA with the Windows operating system can manage a maximum of 350 devices (Number of monitored APs + Number of monitored interfaces <= 500), NTA with the Linux operating system can manage a maximum of 350 devices (Number of monitored APs + Number of monitored interfaces <= 1000).

### WLAN Manager

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| Part Number | Model | Description |
| 88032CMR | NSHS00WLAN11 | eSight Network WLAN Manager (include 5APs) \* |
| 88032CMS | NSHS00WLAN12 | eSight Network WLAN License-Incremental 5 APs License |
| 88030WVK | NSHS00WLAN02 | eSight Network WLAN License-Incremental 50 APs License |
| 88030WVL | NSHS00WLAN03 | eSight Network WLAN License-Incremental 100 APs License |
| 88030WVM | NSHS00WLAN04 | eSight Network WLAN License-Incremental 200 APs License |
| 88030WVN | NSHS00WLAN05 | eSight Network WLAN License-Incremental 500 APs License |
| 88030WVP | NSHS00WLAN06 | eSight Network WLAN License-Incremental 1000 APs License |
| 88030WVQ | NSHS00WLAN07 | eSight Network WLAN License-Incremental 2000 APs License |
| 88030WVR | NSHS00WLAN08 | eSight Network WLAN License-Incremental 5000 APs License |
| 88031YVJ | NSHSWLRTLS01 | eSight Network WLAN Real-Time Location System(RTLS) |
| 88031YVH | NSHSWLRTLS03 | eSight Network WLAN RTLS -5AP |
| 88031YVK | NSHSWLRTLS04 | eSight Network WLAN RTLS -25AP  |
| 88033KQQ | NSHSWLRTLS10 | eSight Network WLAN RTLS -50AP |
| 88031YVL | NSHSWLRTLS05 | eSight Network WLAN RTLS -100AP |
| 88032CMT | NSHSWLRTLS08 | eSight Network WLAN RTLS -500AP |
| 88033KQR | NSHSWLRTLS11 | eSight Network WLAN RTLS -1000AP |
| 88032EEX | NSHSWLRTLS09 | eSight Network WLAN RTLS API |



* The number of NEs managed by each WLAN Manager license indicates the number of APs (including the third-party WLAN devices). The number of managed ACs is included in that of the eSight Network Device Manager license.
* A fit AP is controlled by the WLAN Manager license only, while a fat AP is controlled by the WLAN Manager license and eSight Network Device Manager license. eSight Network can manage central AP (AD9430-DN) and remote radio modules (RRMs) R230 and R240. eSight Network manages the central APs as Fit or Fat APs. Licenses are deducted based on the number of central APs and RRMs.
* WLAN Manager with the Windows operating system can manage a maximum of 5,000APs. WLAN Manager with the Linux operating system can manage a maximum of 10,000 APs.
* The RTLS function supports a maximum of 1,000 APs and can locate interference sources and unauthorized devices. (In eSight Network V300R005C00 and later versions, the maximum capability is 5000 Aps (64000 user terminals).)
* In the wireless city scenario with a large number of access users, you need to select the server with maximum configuration. A set of eSight Network supports a maximum of 100000 access users. Configure multiple sets of eSight Network based on the access users.

### eSight Mobile Manager



* eSight Mobile provides the WLAN functions of 360-degree monitoring, fault diagnosis, zero touch provisioning , WLAN evaluation, and iPCA in the case that WLAN Manager is installed.
* eSight Mobile supports Android 4.2, IOS 8.0 and later versions.
* eSight Mobile can be used for free, you can download from the mobile phone application market or APP Store.

### IPSec VPN Manager

|  |  |  |
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| Part Number | Model | Description |
| 88030WVS | NSHS0IPSEC01 | eSight Network IPSec VPN Manager(include 60 Devices License) |
| 88030WVT | NSHS0IPSEC02 | eSight Network IPSec VPN License-Incremental 50 Devices License |
| 88030WVU | NSHS0IPSEC03 | eSight Network IPSec VPN License-Incremental 100 Devices License |
| 88030WVV | NSHS0IPSEC04 | eSight Network IPSec VPN License-Incremental 200 Devices License |
| 88030WVW | NSHS0IPSEC05 | eSight Network IPSec VPN License-Incremental 500 Devices License |
| 88030WVX | NSHS0IPSEC06 | eSight Network IPSec VPN License-Incremental 1000 Devices License |



IPSec VPN Manager can manage a maximum of 3000 NEs.

### Secure Center

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| --- | --- | --- |
| Part Number | Model | Description |
| 88031UQJ | NSHSSECPLY01 | eSight Network Secure Center(include 5 Devices License) |
| 88031UQK | NSHSSECPLY03 | eSight Network Secure Center License-Incremental 5 Devices |
| 88031UQL | NSHSSECPLY04 | eSight Network Secure Center License-Incremental 25 Devices |



* Secure Center can manage a maximum of 5,000 NEs.

### Open SDK

|  |  |  |
| --- | --- | --- |
| Part Number | Model | Description |
| 88031WFD | NSHS000SDK01 | eSight Network Open SDK |

### Dual Server (HA)

Dual Server is a high availability solution to prevent risks, protect against disasters, and ensure service continuity.

Hardware servers and outsourcing software required by eSight Network Dual Server must be quoted and delivered together with eSight Network and installed by Huawei personnel.

eSight Network Dual Server supports two management scales: Linux Dual Server medium scale and Linux Dual Server large scale.

Linux Dual Server medium scale (0 to 5,000 NEs)

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| --- | --- | --- |
| Part Number | Model | Description |
| 02311JBW | BC2M93HGSA | eSight Network RH2288H V3 Server(2\*E5-2620 V3 6C CPU, 4\*8GB Mem, 8\*300GB 2.5inch, DVD-RW, 4\*GE, SR430C-1GB+BBU, 2\*460W PS, Guide rail) |
| 05200509 | OS-SUSE Linux12 for PC server | Novell SLES 12,Multi-language,12,No Media Kit,English Doc,1 Yr 7\*24 Services,for PC Server,Only for Huawei Branded Products bundled with Huawei Software,Physical server,Paper License |
| 05330135 | GADMSMS00 | Application Data Management Software Package (1-11S), 1 Year Standard Product Services |
| 05220724 | GVERTAS50 | Data Storage Management Software,Veritas InfoScale Enterprise License and Service(2CPU),Eng.,V7.1,For Linux,Eng.Doc,1 Year 7\*24 Service,Conf.Table,Paper License |

Linux Dual Server large scale (5,001 to 20,000 NEs)

|  |  |  |
| --- | --- | --- |
| Part Number | Model | Description |
| 02311TMW | BC6M04BFSA | eSight RH5885H V3 Server(4\*E7-4820 V4 CPU,8\*8GB Mem,8\*300GB,DVDRW,4\*GE LOM-1\*4GE NIC,SR420BC-1GB+BBU,2\*2000W AC PS,Guide rail)H58H-03 |
| 05200509 | OS-SUSE Linux12 for PC server | Novell SLES 12,Multi-language,12,No Media Kit,English Doc,1 Yr 7\*24 Services,for PC Server,Only for Huawei Branded Products bundled with Huawei Software,Physical server,Paper License |
| 05330135 | GADMSMS00 | Application Data Management Software Package (1-11S), 1 Year Standard Product Services |
| 05220725 | GVERTAS60 | Data Storage Management Software,Veritas InfoScale Enterprise License and Service(4CPU),Eng.,V7.1,For Linux,Eng.Doc,1 Year 7\*24 Service,Conf.Table,Only For U2000,Paper License |



Only the eSight Network professional edition provides the Dual Server component.

In eSight Network V3R5C00 and later versions, the Secure Center supports the two-node cluster deployment. In eSight Network V3R6C00 and later versions, the NTA component, WLAN location component, Agile Reporter, support the two-node cluster deployment.

# Huawei eSight Network Software and Hardware Configuration Guide

Huawei eSight Network is sold together with third-party software and hardware, including servers, operating systems, and databases. Customers are advised to quote servers, operating systems, and databases when they quote eSight Network. If customers purchase servers or operating systems by themselves, they must read *HUAWEI eSight Network Configuration of Software and Hardware* carefully to determine the hardware models.