



Supplemental End User License Agreement

IMPORTANT: READ CAREFULLY

Dear Customer,

This Supplemental End User License Agreement (“**SEULA**”) contains additional terms and conditions for the Software product(s) set forth herein and licensed under the End User License Agreement (“**EULA**”) between you and Cisco Systems, Inc. or its Affiliates (collectively, the “**Agreement**”). Please note that there may be terms in this SEULA that do not apply to you. Only those terms related to the specific Software product(s) you purchased apply to you. Except as otherwise set forth in this SEULA, capitalized terms will have the meanings as in the EULA. To the extent that there is a conflict between the EULA and this SEULA, this SEULA will take precedence.

By downloading, installing, or using the Software you agree to comply with the terms of this SEULA.

SUPPLEMENTAL LICENSE TERMS FOR: Cisco Network Services Orchestrator (NSO) (the “**NSO Software**”)

Table 1. SOFTWARE ENTITLEMENT:

<u>Product</u>	<u>License Metrics</u>	<u>License Duration</u>
Network Services Orchestrator	NSO Server, Server HA, NEDs & CFP Licenses	Perpetual or Subscription
Network Services Orchestrator	NSO Device RTM Licenses	Subscription

ADDITIONAL GENERAL LICENSE RIGHTS AND RESTRICTIONS:

NSO Software Lab License

A valid NSO Lab license requires a “**Lab Server**” license for *each* copy of the NSO Software loaded into memory.

NSO Software Production License

To install and use the NSO Software in any non-Lab environment, Customer requires:

- An “**Active Server**” license for *each* copy of the NSO Software loaded into memory;
- A NED license (as defined below) for *each* NED running on *each* Active Server;
- A “**NED**” or “Network Element Driver” enables the management of physical or virtual devices or other systems (together, “**Network Elements**”) running the same embedded software type; e.g., there is a NED for certain Cisco IOS devices, another NED for certain IOS XR devices, and NEDs for certain non-Cisco devices. NED licenses only authorize the use of NEDs in conjunction with the NSO Software to configure, manage, or interface with (“**Manage**”) the devices identified by the NED.
- A Core Function Pack (**CFP**) license for each CFP copy that is loaded into memory. A **CFP** is a set of ready-made implementations for specific NSO features and/or use cases, as detailed in NSO’s documentation.
- Each pre-defined **CFP** (i.e. NFVO, SAE, etc.) is licensed separately.
- A right to manage (“**RTM**”) license for each Network Element that is Managed by the NSO Software;
- *Each* Managed physical device requires an RTM license for its device type;
- *Each* Managed virtual network function or software application (“**Managed VNF**”) requires an RTM license for *each instance* of the Managed VNF. Managed VNF RTM licenses are categorized by function and application type.

High Availability

If a high availability (“HA”) implementation of the NSO Software is desired, Customer may use a HA license (instead of an Active Server license) for *each* Standby Server. A “**Standby Server**” has a copy of the NSO Software loaded into memory, but does not Manage Network Elements unless the Active Server which it backs up, fails. Additional NED licenses are not required for Standby Servers.

NSO Pricing

Any contractual discounts to which Customer may otherwise be entitled do not apply to the purchase of NSO licenses or associated support.

Disclaimer Regarding NEDs

NEDs provide the connectivity between the NSO Software and Network Elements. Network Elements and their associated functionality are constantly evolving and therefore, NEDs will not support all possible devices, capabilities, or use cases. Customers may request additional NED functionality from Cisco by discussing with their Cisco Sales representative, or may choose to develop their own NEDs using documented Cisco APIs. In some instances, a ‘Generic NSO NED’ may be quoted and/or ordered. Ordering a ‘Generic NSO NED’ is not a commitment by Cisco to develop a specific NSO NED, but rather an agreement to access a future state NED when it is made generally available.

Software Innovation Access for Cisco Network Services Orchestrator (version 5.x and above)

Network Services Orchestrator is now available to be purchased under a Software Innovation Access subscription. Purchase of a Cisco® Software Innovation Access Subscription for the Cisco Network Services Orchestrator (version 5.x and above) (“SIA Subscription”) entitles You to receive Feature Releases and, if applicable, license portability rights, during the term of the SIA Subscription, as described below. Each initial term begins on the day the underlying Cisco Software is made available to You and lasts for the period of time identified in the relevant purchase order. Renewals will begin on the date identified in the purchase order or the day a reinstatement fee is paid, whichever applies. “You” means the individual or legal entity that has purchased the SIA Subscription.

Each Cisco Software license covered by an SIA Subscription must also be supported by a Cisco software support and maintenance contract. In addition, You must purchase SIA Subscription coverage across Your entire deployment of the applicable Cisco Software product.

Refer to the Network Services Orchestrator SIA ordering guide for additional details and requirements.

Cisco Responsibilities

Feature Releases

For NSO Software purchases covered by an SIA Subscription, Cisco will make available access to Feature Releases. Feature Releases are available for electronic download for Cisco Software releases that have been validly licensed and covered under the current SIA Subscription. Please note that You will not have access to download a Cisco Software release following the end-of-sale date of the release. An SIA Subscription does not provide for any custom feature development or feature acceleration.

“**Feature Releases**” means Major Releases and Minor Releases (as defined in the Glossary of Terms https://www.cisco.com/c/dam/en_us/about/doing_business/legal/service_descriptions/docs/terms.pdf) of the applicable Cisco Software, if and when available during the term of the SIA Subscription. License Portability If the applicable SEULA grants the right to reassign license entitlements for eligible Cisco Software, then such right is conditioned upon the purchase of this SIA Subscription.

Please note that license portability and Feature Releases do not provide upgrades from one type of license or license suite to another (for example, from a standard license to an enhanced or advanced license).

Customer Responsibilities

An SIA Subscription requires You to:

- Ensure that all eligible licenses across Your entire deployment of a given Cisco Software product are under both (i) active SIA Subscription coverage and (ii) active Cisco software support and maintenance coverage.
- Monitor and renew SIA Subscriptions prior to expiration to maintain coverage. Prior to the end of each term, You must renew the SIA Subscription for Your entire deployment of a given Cisco Software product to be entitled to receive the benefits of an SIA Subscription. If You wish to reinstate an SIA Subscription on any Cisco Software at any time after expiration, You are required to pay: (i) the amount that You would have paid for an SIA Subscription for the Cisco Software between the date of expiration and the date of reinstatement (“Lapsed Period Fee”); (ii) a reinstatement fee of twenty percent (20%) of the Lapsed

Period Fee if Your reinstatement is more than thirty (30) days after the date of expiration; and (iii) the then-current SIA Subscription fee for the new SIA Subscription term.

- Download only the number of copies of licensed Cisco Software when upgrading such Software. An SIA Subscription does not entitle You to use more than the number of licenses purchased from Cisco or an authorized Cisco reseller.
- Provide information requested by Cisco to verify that You have a valid license to the Cisco Software. Cisco may suspend or terminate an SIA Subscription if You do not (i) have valid licenses to the Cisco Software or (ii) pay the requisite license, SIA Subscription, or support and maintenance fees.
- Cease using the previous release of a given Cisco Software product following Your installation of a new release provided in connection with an SIA Subscription. You are not permitted to re-use or transfer the previous release.