



# 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. vBranch, SDWAN, 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.

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## 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.