Cisco Catalyst 9500

Contents

Things to know

Before placing an order, review the following information:

- The Cisco Catalyst 9500 Series offer structure has three main components: the switch hardware, a Network stack perpetual license, and choice between a Cisco Catalyst Software Subscription or Cisco DNA subscription (DNA).The Software subscriptions and the Network Stack perpetual licenses are smart product IDs (SKUs). The subscription, which comes with a perpetual license, is required with a hardware purchase.

- A Smart Account is mandated during purchase (for more information, please see the Smart Accounts section).

- Available service options:

  ◦ Solution support

  ◦ Enhanced Limited Lifetime Warranty (E-LLW)

  ◦ Smart Net Total Care support (SNTC)

  ◦ Success Tracks (Cisco CX)

  ◦ Included base product-level support (Catalyst Software Subscription)

Cisco Catalyst 9500 Series highlights

Cisco Catalyst 9500 Series switches are Cisco's lead fixed enterprise core and aggregation switching platform and as part of the Catalyst 9000 family, are build to transform your network to handle a hybrid world where the workplace is anywhere, endpoints could be anything, and applications are hosted all over the place.

The Catalyst 9500 Series, including the new Catalyst 9500X models, continues to shape the future with continued innovation that helps you reimagine connections, reinforce security and redefine the experience for your hybrid workforce big and small.

This document is aimed at providing a detailed overview of the ordering process for Cisco Catalyst 9500 Series switches on Cisco Commerce Workspace.

Hardware and software order overview

Cisco Catalyst 9500 Series switches can be ordered through Cisco Commerce Workspace (CCW) as a Cisco Catalyst or DNA Essentials or Advantage subscription. Both options include switch hardware coupled with Cisco IOS-XE and the Network Stack software.

What is the difference between the Catalyst and Cisco DNA software subscription for Switching?

The Catalyst Software Subscription for Switching includes base software and hardware support for the Essentials and Advantage tiers. This support delivers a four-hour TAC response objective for severity 1 and 2 service requests. In addition, if you opt for the Advantage tier, you also receive ISE licenses (quantity dependent on switch model). Catalyst 9500 series receive 10 endpoint sessions per Catalyst Advantage license.

Eligible product families[*]	Cisco Catalyst 9600 Series	Cisco Catalyst 9500 Series	Cisco Catalyst 9400 Series	Cisco Catalyst 9300 Series
ISE quantity per Advantage license	40 endpoint sessions for ISE	10 endpoint sessions for ISE	40 endpoint sessions for ISE	10 endpoint sessions for ISE

The Cisco DNA software subscription for Switching includes base support for software only (not hardware), delivering a one-hour TAC response objective for severity 1 and 2 service requests. RMAs are also accessed through the Catalyst warranty program. In addition, the Cisco DNA software subscription does not include ISE licenses.

Note that for both the Cisco DNA and Catalyst software subscriptions for Switching:

- Cisco DNA features and tier levels (Essentials, Advantage) remain the same.
- Hardware replacements are accessed separately through the Catalyst warranty program.[1]

[1] Hardware replacements via the Catalyst warranty program provides a best effort next business day response for the United States, Canada, Countries of the European Union, Australia, and New Zealand. Elsewhere, Cisco will ship the advance replacement on the next business day, but actual delivery times might vary depending on customer location. Taxes and duties might apply and must be paid by the recipient of the replacement part.

Software licenses

Table 1.   License matrix

	Cisco Catalyst Software Subscription new	Cisco DNA subscription	Network Advantage	Network Essentials
Packages[1]	3, 5 or 7 Year Terms	3, 5 or 7 Year Terms	Perpetual	Perpetual
Tiers	Advantage, Essentials	Advantage, Essentials	Advantage, Essentials	Advantage, Essentials
Portability[2]	✓	✓	✓	✓
Management options	Catalyst Center, Meraki Dashboard	Catalyst Center, Meraki Dashboard	CLI, Web UI	CLI, Web UI
Included support	Base product-level support for Hardware, Software and OS	Software support (SWSS)	×	×

	Cisco Catalyst Software Subscription new	Cisco DNA subscription	Network Advantage	Network Essentials
Included[3] add-ons: Common ISE policy, Thousand Eyes network and application assurance, Cisco Spaces	×	×	×	×
Included ISE endpoint licenses	10	×	×	×

[1]For all new orders, subscription licenses are mandatory and must be of the same tier as network licenses

[2]Portability within the same Catalyst 9K series of hardware

[3]Only available with Advantage tier

Catalyst Software Subscription feature matrix

For the latest features, please view the [Switching feature matrix](#).

How to order a Cisco Catalyst 9500 Series switch

Both a network stack license and Catalyst Software Subscription or Cisco DNA subscription are mandatory at the time of purchase and come in two licensing tier options: Essential (-E) and Advantage (-A). Network Stack Essential or Advantage comes embedded in the hardware, while a Catalyst Software Subscription or Cisco DNA term license needs to be selected at the time of order.

To order in the Cisco Commerce Workspace, follow these steps:

1. Select the appropriate C9500 or C9500X -E or -A device for the desired license type.

2. Choose the preferred consumption model Cisco DNA Advantage or Essentials.

3. Choose the Cisco DNA term license (3, 5, or 7 years).

4. Add other components (for example, secondary power supply, power cables, IOS Software version, SSD and so on).

Step-by-step ordering in Cisco commerce workspace

Enter the hardware PID in Cisco Commerce Workspace.

The Network Stack license is perpetual and embedded in the hardware by default (it will not be visible in the selection menu) and aligns with the hardware PID (-E/-A).

A Catalyst Software Subscription or Cisco DNA Essentials or Advantage subscription option is available for selection and is mandatory. Customers are encouraged to purchase the Cisco Catalyst Software Subscription option to enable advanced Cisco Networking solutions. Base product-level support for Hardware, Software and OS.

For Cisco Software Subscription (preferred), the term-based Cisco DNA license can be a 3, 5 or 7 year term. A Cisco Software Subscription term is mandatory (customers must select one of the term options to complete the configuration).

Note: Cisco DNA Subscription must be deselected by using "Clear Section", when ordering Cisco Software Subscription.

For Cisco DNA Advantage, the term-based Cisco DNA license is preselected to the 5 year term by default but can be changed to a 3 or 7 year term. A Cisco DNA Software term license is mandatory (customers must select one of the term options to complete the configuration).

Configuration Summary

View Full Summary

Category	Qty	Extended List Price (USD)
Power Cables		
DNA On-Prem Subscription		^
C9500-DNA-48Y4C-A	1	0.00
C9500-DNA-A-5Y 60 Mth(s)		0.00
Primary Power Supply		^
C9K-PWR-650WAC-R	1	0.00
Secondary Power Supply		^
C9500-SPS-NONE	1	0.00
DC Power Cable		
Software		^
Total		**34,920.00**
Estimated Lead Time		**56 days**

Reset Configuration   Cancel   Done

Option Search ⓘ   Multiple Options Search ⓘ

C9500-48Y4C-A > DNA On-Prem Subscription > DNA On-Prem Subscription > C9500-DNA-48Y4C-A

⊖ Subscriptions

	SKU	Duration Month(s)
○	**C9500-DNA-A-3Y** Cisco Catalyst 9500 DNA Advantage 3 Year License	36 Range 36 to 59
⦿	**C9500-DNA-A-5Y** DNA Advantage 5 Year License	60 Range 60 to 83 Requested Start/End Date
○	**C9500-DNA-A-7Y** DNA Advantage 7 Year License	84 Range 84 to 84

Clear Selection

A selection of minimum quantity of 1 from Software is mandatory to complete the configuration:

OPTION SELECTION C9500-48Y4C-A   Global Price List in US Dollars (USD)

Configuration Summary

View Full Summary

Country Specification ⓘ

[Select Country (Not Required)   ▾]

Category ⓘ	Qty	Extended List Price (USD)
SSD		
Software		^
SC9500HUK9-173	1	0.00
Primary Power Supply		^
C9K-PWR-650WAC-R	1	0.00
Secondary Power Supply		^
C9K-PWR-650WAC-R/2	1	2,107.35
Power Cables		
DC Power Cable		
Console Cables		
Subtotal		47,355.17
Estimated Lead Time		21 days

Reset Configuration   Cancel   Done

⚠ **Warnings (7):**
- The quantity of Power Cables must be equal to the quantity of AC POWER SUPPLIES selected. Please adjust the quantity. (CE200505)
- We strongly recommend the term of the hardware support contract match the software subscription license term. (CE202343)

Option Search ⓘ   Multiple Options Search ⓘ

C9500-48Y4C-A > Software   Key ⌄

Software

	SKU	Qty	Estimated Lead Time ⓘ	Unit List Price (USD)
○	**SC9500HUK9-1612** AEOS Cisco Catalyst 9500H XE.16.12 UNIVERSAL	1	21 days	0.00
○	**SC9500HNPE-1612** AEOS Cisco Catalyst 9500H XE 16.12 UNIVERSAL - NPE	1	21 days	0.00
○	**SC9500HNPE-173** Cisco Catalyst 9500H XE 17.3 UNIVERSAL - NPE	1	21 days	0.00
⦿	**SC9500HUK9-173** Cisco Catalyst 9500H XE.17.3 UNIVERSAL	1	21 days	0.00

The primary power supply is added by default, based on the hardware model:

OPTION SELECTION C9500-48Y4C-A

Configuration Summary   View Full Summary

Country Specification ⓘ

Select Country (Not Required) ▼

Category ⓘ	Qty	Extended List Price (USD)
SWATCH-T IC	100	0.00
SWATCH-TRK-5Y 60 Mth(s)		0.00
QSFP		
SFP 25G Optics		
SSD		
Software ⌃		
SC9500HUK9-173	1	0.00
Primary Power Supply ⌃		
C9K-PWR-650WAC-R	1	0.00
Subtotal		**47,355.17**
Estimated Lead Time		**21 days**

Reset Configuration   Cancel   Done

A secondary power supply is selected by default. Please select the C9500‑SPS‑NONE option if a secondary power supply is not required.

OPTION SELECTION C9500-48Y4C-A   Global Price List in US Dollars (USD)

Configuration Summary   View Full Summary

Country Specification ⓘ

Select Country (Not Required) ▼

⚠️ **Warnings (7):**
- The quantity of Power Cables must be equal to the quantity of AC POWER SUPPLIES selected. Please adjust the quantity. (CE200505)
- We strongly recommend the term of the hardware support contract match the software subscription license term. (CE202343)

Category ⓘ	Qty	Extended List Price (USD)
Primary Power Supply ⌃		
C9K-PWR-650WAC-R	1	0.00
Secondary Power Supply ⌃		
C9K-PWR-650WAC-R/2	1	2,107.35
Power Cables		
DC Power Cable		
Console Cables		
Network PNP License ⌃		
NETWORK-PNP-LIC IC	1	0.00
Subtotal		47,355.17
Estimated Lead Time		21 days

Reset Configuration   Cancel   Done

Option Search ⓘ   Multiple Options Search ⓘ   ⌄

C9500-48Y4C-A > Secondary Power Supply   Key ⌄

Secondary Power Supply

	SKU	Qty	Estimated Lead Time ⓘ	Unit List Price (USD)
●	**C9K-PWR-650WAC-R/2** 650W AC Config 4 Power Supply front to back cooling More	1	14 days	2,107.35
○	**C9K-PWR-930WDC-R/2** 930W DC Config 4 Power Supply front to back cooling More	1	14 days	2,107.35
○	**C9500-SPS-NONE** No Secondary Power Supply Selected	1	14 days	0.00

Clear Selection | Show Incompatible SKUs

A power cable must be selected to complete the configuration:

| OPTION SELECTION C9500-48Y4C-A | | | | | Global Price List in US Dollars (USD) |

Configuration Summary — View Full Summary

Country Specification ⓘ

Select Country (Not Required) ▾

Warnings (7):
- We strongly recommend the term of the hardware support contract match the software subscription license term. (CE202343)
- We strongly recommend Solution Support for this product purchase. This provides coverage for the Cisco DNA or Cisco ONE software license subscriptions. http://www.cisco.com/c/en/us/services/technical/solution-support.html (CE202343)

Option Search ⓘ   Multiple Options Search ⓘ   ▾

C9500-48Y4C-A > Power Cables   Key ▾

Power Cables (Options for End Customer Country : INDIA)

Category ⓘ	Qty	Extended List Price (USD)
C9K-PWR-650WAC-R	1	0.00
Secondary Power Supply ⌃		
C9K-PWR-650WAC-R/2	1	2,107.35
Power Cables ⌃		
CAB-IND-10A	2	0.00
DC Power Cable		
Console Cables		
Network PNP License ⌃		
NETWORK-PNP-LIC [IC]	1	0.00
Subtotal		47,355.17
Estimated Lead Time		21 days

Reset Configuration   Cancel   Done

	SKU	Qty	Estimated Lead Time ⓘ	Unit List Price (USD)
⦿	**CAB-IND-10A** 10A Power cable for India	2	7 days	0.00
○	**CAB-250V-10A-ID** AC Power Cord - 250V, 10A , India	Qty	7 days	0.00

Power Cables (Options for other Countries)

	SKU	Qty	Estimated Lead Time ⓘ	Unit List Price
○	**CAB-250V-10A-CN** AC Power Cord - 250V, 10A - PRC	Qty	7 days	0.00
○	**CAB-C13-CBN**	Qty	7 days	0.00

For C9500X, an option is provided to select the desired direction of airflow (Note: 6 front to back cooling Fans selected by default and can be changed to 6 back to front cooling Fans):

| OPTION SELECTION C9500X-28C8D-A | | | | | Global Price List in US Dollars (USD) |

Configuration Summary — View Full Summary

Warnings (10):
- The quantity of AC Power Cables must be equal to the quantity of AC POWER SUPPLIES selected. Please adjust the quantity. (CE200505)
- Please note that Network Plug-n-Play (PnP) enables automated controller discovery and day0 provisioning of cisco devices. Please

Option Search ⓘ   Multiple Options Search ⓘ   ▾

C9500X-28C8D-A > Fans   Key ▾

Fans

Category ⓘ	Qty	Extended List Price (USD)
SSD ⌃		
C9K-F3-SSD-240GB	1	--
Fans ⌃		
C9500X-FAN-1U-R	6	--
Primary Power Supply ⌃		
C9K-PWR-1500WAC	1	--
Secondary Power Supply ⌃		
C9500-SPS-NONE [IC]	1	0.00
Console Cables		
Network PNP License ⌃		
Subtotal		--
Estimated Lead Time		14 days

Reset Configuration   Cancel   Done

	SKU	Qty	Estimated Lead Time ⓘ	Unit List Price (USD)
⦿	**C9500X-FAN-1U-R** [PLH] Catalyst 9500X front to back cooling Fan More	6	14 days	--
○	**C9500X-FAN-1U-F** [PLH] Catalyst 9500X back to front cooling fan More	6	14 days	--

Clear Selection | Show Incompatible SKUs

A selection from the RFID option is mandatory to complete the configuration for C9500 high performance (C9500-24Y4C, C9500-48Y4C, C9500-32C, C9500-32QC) and C9500X switches. RFID tag is an optional selection. Select C9500-RFID or C9500X-RFID if RFID tag is required, else select C9500-RFID-NONE.

Note: For C9500 high performance (C9500-24Y4C, C9500-48Y4C, C9500-32C, C9500-32QC) and C9500X switches, it is important to make the right selection for RFID opt in / opt out at the time of ordering. RFID cannot be installed later, if it is opted out at the time of ordering.

Default accessories shipped with the box

Cisco Catalyst 9500 Series switches ships with the following components and accessories by default:

- Switch.
- Default power supply (based on selected switch).
- Power cable.
- Accessories (19" Mounting brackets, cable guide etc. as described in the Catalyst 9500 Hardware Installation Guide).

Licensing

Cisco Catalyst 9500 Series switch hardware is available with Catalyst Software Subscription or Cisco DNA Advantage. For a full list of features, please visit the Switching Feature Matrix: https://www.cisco.com/c/m/en_us/products/software/dna-subscription-switching/en-sw-sub-matrix-switching.html?OID=otren019471.

Introduction to Smart Licensing

Cisco Smart Licensing is a flexible licensing model that provides you with an easier, faster, and more consistent way to purchase and manage software across the Cisco portfolio and across your organization. And it's secure – you control what users can access. With Smart Licensing you get:

- **Easy Activation:** Smart Licensing establishes a pool of software licenses that can be used across the entire organization—no more PAKs (Product Activation Keys).
- **Unified Management:** My Cisco Entitlements (MCE) provides a complete view into all of your Cisco products and services in an easy-to-use portal, so you always know what you have and what you are using.
- **License Flexibility:** Your software is not node-locked to your hardware, so you can easily use and transfer licenses as needed.

To use Smart Licensing, you must first set up a Smart Account on Cisco Software Central (software.cisco.com).

For a more detailed overview on Cisco Licensing, go to cisco.com/go/licensingguide.

Upgrading license level

Customers will be able to upgrade the network stack license and Catalyst Software Subscription or Cisco DNA subscription license levels (for example, -E to -A license upgrade). Customers will be credited for the remainder of the term. Customers will purchase the upgrade license and then reach out to CPS (Cisco Partner Services) to initiate the upgrade process, which includes the license-level upgrade and credit.

Note that a license cannot be upgraded at the time of purchase.

Smart accounts

Things to know:

- Smart License enabled refers to Cisco offers that have Smart Software Licensing capabilities.

- Smart Account assignments at the time of order are mandatory. Customers benefit from Smart Software Licensing capabilities across their entire Cisco Smart Software License-enabled installed base all appearing in a central location: their Smart Account.

- Cisco Smart Software Manager (SSM) will enable the management of Cisco catalyst 9500 Series switch software licenses.

- Smart License consumption visibility will only be available when the switch supports the Smart Licensing technology via the Entitlement Portal.

A Smart Account is a central data repository that provides visibility and access control to all of Cisco software licenses and entitlements across an organization. Smart Accounts allow you to store, manage, and move assets from one place to another and begin to use them immediately. Smart Accounts are crucial to helping enable Cisco Smart Software Licensing. With Smart Software Licensing, capabilities extend across an entire organization:

- Operations Exchange site featuring Smart Account overviews and training sessions; navigate to the Smart Account Resources panel on the page

- Smart Account one-page aid

After a Smart Account has been set up, customers have the flexibility to create subaccounts (virtual accounts) to help manage licenses for departments, areas, or locations within their organization. Licenses can be pooled within virtual accounts as needed. Smart Accounts have role-based user access controls, which allow the delegation of authority to account administrators at the Smart Account level or at the virtual account level. In addition, customers can manage partner visibility and management rights to your virtual or enterprise-level accounts.

Creating smart accounts

To learn how to create Smart Accounts, visit https://www.cisco.com/c/en/us/buy/smart-accounts.html.

Smart licensing

Smart Licensing is a cloud-based license management platform built to simplify the purchase, deployment, and management of Cisco software assets. Entitlements are immediately deposited into a customer's virtual account for use. This eliminates the need to install license files on every device. Products that are Smart License enabled communicate to Cisco to report consumption. The primary location for managing product registration and monitoring Smart License (SL) consumption is the Cisco Smart Software Manager. License

ownership and consumption are readily available to help customers make better purchase decisions based on consumption or other business needs.

Cisco Smart Software Manager

Cisco Smart Software Manager enables the management of software licenses. The interface allows customers to activate their product, manage entitlements, and renew and upgrade software. An active Smart Account is required to complete the Smart License registration process.

To learn more about end-to-end Smart Account and Smart License management, visit https://www.cisco.com/c/en/us/buy/smart-accounts/software-manager.html.

Smart Accounts and Smart Licensing availability

Important information about Smart Account and Smart License availability

- C9500 and C9500X PIDs are smart PIDs, but the switch will operate in RTU mode by default. License entitlements will be deposited in the Cisco Smart Software Manager and the Smart Account. In addition to viewing entitlements, customers will be able to track consumption.

- Smart Accounts are mandatory. If a customer does not have a Smart Account set up prior to the purchase, a new Smart Account must be created at the time of purchase.

Deploying smart licenses for Cisco Catalyst 9500 Series switches

Cisco Catalyst 9500 Series switches come in different licensing packages in comparison to existing Cisco Catalyst platforms. The ordering process will include a requirement to establish a Smart Account where software licenses will be deposited. Smart Licenses are transferable between the same type of devices (for example, from C9500 to C9500 switches). (See Figure 2.)
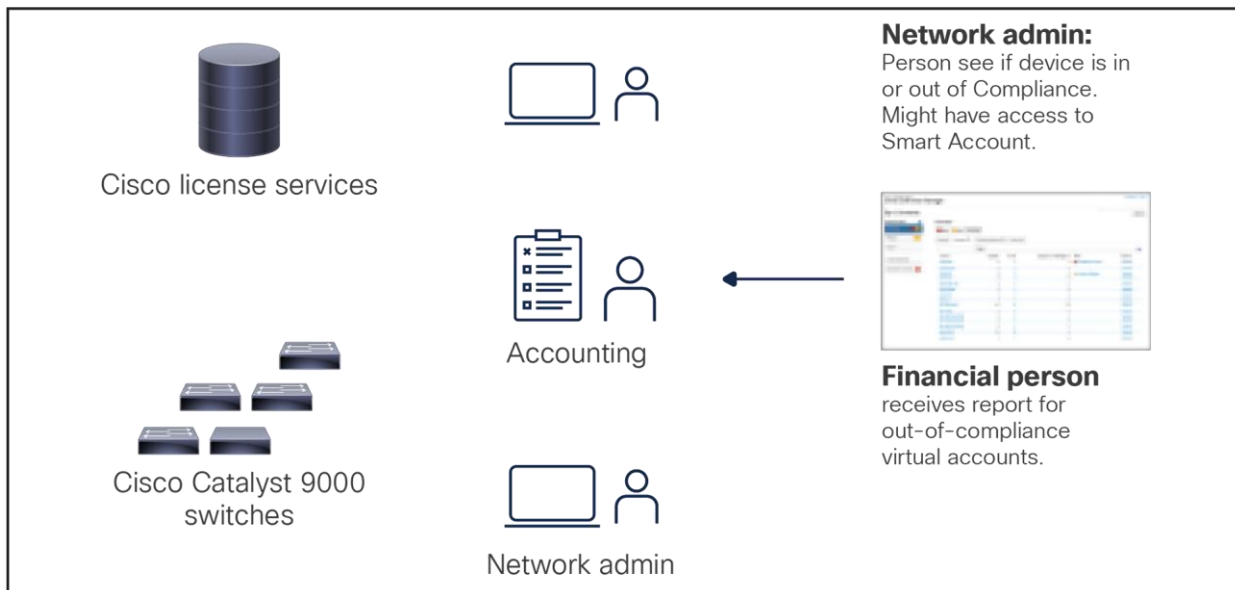

Figure 1.
Smart licensing model

In the deployment model in Figure 2, the Smart Account Cisco back end and Cisco Catalyst 9500 Series switches do not have a communication channel to report usage and consumption. They operate as separate entities. The switches must be configured in RTU mode with correct license level to enable the purchased feature set:

- Consumption reporting: License usage and consumption are performed on Cisco Smart Software Manager only when the device has capability to report Smart License usage.

For further references about the Cisco Catalyst 9000 RTU licensing model, refer to the Configuration Guide.

Software-Defined Access (SD-Access)

Software-Defined Access (SD-Access) enables policy-based automation from edge to cloud with foundational capabilities using controller-based architecture, including design with validated design templates, simplified device deployment, unified management of wired and wireless, network virtualization with segmentation, group-based policies, and contextual-based analytics.

SD-Access can be enabled via individual Cisco DNA Advantage.

Services and warranty

The Solution Support service option is strongly recommended; it provides coverage for a Cisco DNA Essentials and Advantage software licenses. Additional product-level hardware support options are available: Smart Net Total Care (SNTC) support, partner service support (PSS), and enhanced limited lifetime hardware warranty. It is strongly recommended that the term of the hardware support contract match the software subscription license term to avoid any service support gaps for the duration of the term.

With a Catalyst Software Subscription, base product-level hardware and software support is included.

How does the base product-level support for software and hardware included in the Catalyst Switch software subscription differ from Cisco Smart Net Total Care (SNTC) and Software Support Services (SWSS)?

The base product-level support for software and hardware support included in the Catalyst Switch software subscription delivers the same features and benefits you experience today with Smart Net Total Care and Software Support Basic **except** as follows:

- **The Cisco TAC response objective** for severity 1 and 2 service requests is:

  - **Four hours**, compared to one hour for Smart Net Total Care and Software Support Basic), and

  - **Next Business Day (NBD)** where commercially available for severity 3 and 4 service requests, compared to one hour for Smart Net Total Care during business hours and next business day outside of business hours, and next business day for Software Support Basic during and outside of business hours).

- **Hardware replacements** are accessed through the Catalyst warranty program1, compared to a choice of eight RMA service-level options offered through Smart Net Total Care and Software Support Basic.

What are my support service options if I need faster response objectives for critical issues, more hardware RMA options, and/or higher levels of support than what's included in the Catalyst Switch software subscription?

Because your enterprise network is the cornerstone of your IT and business, we recommend Cisco Success Tracks and CX Cloud, which is the one-stop, unified digital interface to Success Tracks.
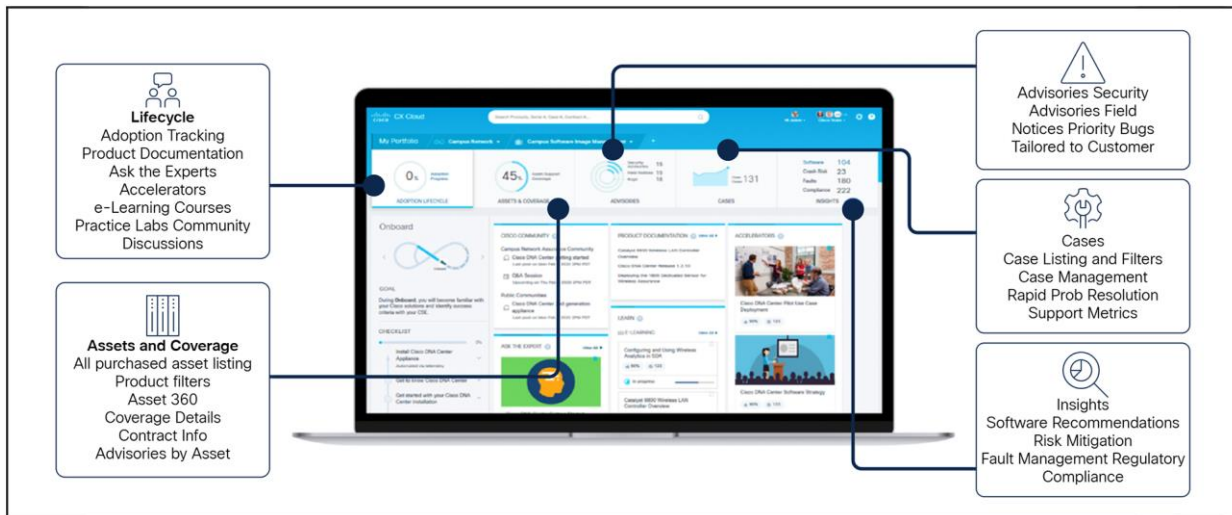
Success Tracks is designed to accelerate adoption and maximize value for the security, automation, and assurance capabilities in your Cisco enterprise network. It also fulfills your need for faster response objectives (30 minutes for severity 1 and 2 service requests) and all of Cisco's RMA options (eight, as fast as two hours).

Can you tell me more about Success Tracks and CX Cloud?

Success Tracks is a set of comprehensive services accessed through the unified digital platform, CX Cloud. It offers streamlined, personalized access to Cisco experts and customized content that can help you simplify solution adoption, resolve complex issues faster than single product-focused support, and optimize your IT environment through:

- **Expert Resources:** Expert guidance, best practices, and proven methodologies for a successful path to adoption.

- **Trusted Support:** Prescriptive support to detect, prevent, and efficiently solve complex hardware, software, and multi-product, multi-vendor issues through a Cisco primary point of contact who streamlines the support experience across your Cisco enterprise network.

- **Insights and Analytics:** Telemetry and intelligence with analytics that provide proactive and predictive insights and guided recommendations to help you solve problems faster and optimize operations.

- **Contextual Learning:** Digital learning resources, tailored instructor-led training, certification prep and virtual practice labs, designed to expand a workforce's skillset and capacity to achieve business outcomes faster and more efficiently.

CX Cloud

To see how Success Tracks can drive faster adoption and ROI for your Catalyst-based enterprise network, connect with your Cisco representative and request a CX Cloud demo.

		Existing included support	Smart Net Total Care	New included support	Success Tracks Level 1
Expert resources	Communities	Cisco Community	Cisco Community	Cisco Community	Cisco and Success Tracks Community
	Success tips				●
	Ask the experts (1:many interactive webinars)				●
Support	24/7 access to the Cisco TAC for software, hardware, iOS support	Cisco Catalyst software only	Cisco Catalyst hardware only	●	●
	Software, PAK IOS-XE updates	Software	IOS-XE	●	●
	Hardware RMA	Warranty-level	8 options	Warranty-level	8 options
	Service request response objectives for Severity 1 and 2 cases	1 hour	1 hour	4 hours	30 minutes
	TAC engineer focused on software **OR** hardware/iOS	●	●	●	
	TAC engineer focused across software **and** hardware/IOS-XE **and** multivendor products				●
	No triage required to open a case				●
	Case prioritization over SNTC, SWSS, included support service requests				●
Insights and analytics	Adoption view				●
	Assets and license view		Via SNTC portal		●
	Case management		Via SNTC portal		●
	Security advisories, field notices, priority bugs				●
	Rapid problem resolution				●
Contextual learning	E-learning (on demand courses)				●

Comparison of Cisco support models for Cisco Catalyst Software Subscriptions.

Cisco Enhanced Limited Lifetime hardware Warranty

Cisco Catalyst 9500 Series switches come with an Enhanced Limited Lifetime hardware Warranty (E-LLW) that includes Next-Business-Day (NBD) delivery of replacement hardware where available and 90 days of 8x5 Cisco Technical Assistance Center (TAC) support.

Ordering information

Tables 2 provides ordering information for switches, Cisco DNA Software licenses

Table 2.   Switches and Cisco DNA subscription software

Hardware Product number	Product description	License type	3 year	5 year	7 year
C9500X-60L4D-A	Cisco Catalyst 9500X switch with 60x 10/25/50G SFP56 ports + 4x 40/100/200/400G Advantage	Cisco DNA Advantage License	C9500X-DNA-A-3Y	C9500X-DNA-A-5Y	C9500X-DNA-A-7Y
C9500X-28C8D-A	Catalyst 9500X 28x100G + 8x400G, Advantage	Cisco DNA Advantage License	C9500X-DNA-A-3Y	C9500X-DNA-A-5Y	C9500X-DNA-A-7Y
C9500X-28C8D-E	Catalyst 9500X 28x100G + 8x400G, Essential	Cisco DNA Essential License	C9500X-DNA-E-3Y	C9500X-DNA-E-5Y	C9500X-DNA-E-7Y
C9500-12Q-A	Cisco Catalyst 9500 12-port 40G switch, NW Adv. License	Cisco DNA Advantage License	C9500-DNA-L-A-3Y	C9500-DNA-L-A-5Y	C9500-DNA-L-A-7Y
C9500-12Q-E	Cisco Catalyst 9500 12-port 40G switch, NW Ess. License	Cisco DNA Essential License	C9500-DNA-L-E-3Y	C9500-DNA-L-E-5Y	C9500-DNA-L-E-7Y
C9500-16X-A	Cisco Catalyst 9500 16-port 10G switch, NW Adv. License	Cisco DNA Advantage License	C9500-DNA-L-A-3Y	C9500-DNA-L-A-5Y	C9500-DNA-L-A-7Y
C9500-16X-E	Cisco Catalyst 9500 16-port 10G switch, NW Ess. License	Cisco DNA Essential License	C9500-DNA-L-E-3Y	C9500-DNA-L-E-5Y	C9500-DNA-L-E-7Y
C9500-16X-2Q-A	Cisco Catalyst 9500 16-port 10G switch, 2 x 40GE Network Module, NW Adv. License	Cisco DNA Advantage License	C9500-DNA-L-A-3Y	C9500-DNA- L-A-5Y	C9500-DNA- L-A-7Y
C9500-16X-2Q-E	Cisco Catalyst 9500 16-port 10G switch, 2 x 40GE Network Module, NW Ess. License	Cisco DNA Essential License	C9500-DNA-L-E-3Y	C9500-DNA-L-E-5Y	C9500-DNA- L-E-7Y
C9500-24Q-A	Cisco Catalyst 9500 24-port 40G switch, NW Adv. License	Cisco DNA Advantage License	C9500-DNA-A-3Y	C9500-DNA-A-5Y	C9500-DNA-A-7Y
C9500-24Q-E	Cisco Catalyst 9500 24-port 40G switch, NW Essentials License	Cisco DNA Essential License	C9500-DNA-E-3Y	C9500-DNA-E-5Y	C9500-DNA-E-7Y

Hardware Product number	Product description	License type	3 year	5 year	7 year
C9500-24X-A	Cisco Catalyst 9500 16-port 10G switch, 8 x 10GE Network Module, NW Adv. License	Cisco DNA Advantage License	C9500-DNA-L-A-3Y	C9500-DNA-L-A-5Y	C9500-DNA-L-A-7Y
C9500-24X-E	Cisco Catalyst 9500 16-port 10G switch, 8 x 10GE Network Module, NW Ess. License	Cisco DNA Essential License	C9500-DNA-L-E-3Y	C9500-DNA-L-E-5Y	C9500-DNA-L-E-7Y
C9500-24Y4C-A	Cisco Catalyst 9500 High Performance 24-port 25G switch, NW Adv. License	Cisco DNA Advantage License	C9500-DNA-L-A-3Y	C9500-DNA-L-A-5Y	C9500-DNA-L-A-7Y
C9500-24Y4C-E	Cisco Catalyst 9500 High Performance 24-port 25G switch, NW Ess. License	Cisco DNA Essential License	C9500-DNA-L-E-3Y	C9500-DNA-L-E-5Y	C9500-DNA-L-E-7Y
C9500-32C-A	Cisco Catalyst 9500 High Performance 32-port 100G switch, NW Ess. License	Cisco DNA Advantage License	C9500-DNA-A-3Y	C9500-DNA-A-5Y	C9500-DNA-A-7Y
C9500-32C-E	Cisco Catalyst 9500 High Performance 32-port 100G switch, NW Adv. License	Cisco DNA Essential License	C9500-DNA-E-3Y	C9500-DNA-E-5Y	C9500-DNA-E-7Y
C9500-32QC-A	Cisco Catalyst 9500 High Performance 32-port 40G switch, NW Adv. License	Cisco DNA Advantage License	C9500-DNA-A-3Y	C9500-DNA-A-5Y	C9500-DNA-A-7Y
C9500-32QC-E	Cisco Catalyst 9500 High Performance 32-port 40G switch, NW Ess. License	Cisco DNA Essential License	C9500-DNA-E-3Y	C9500-DNA-E-5Y	C9500-DNA-E-7Y
C9500-40X-A	Cisco Catalyst 9500 40-port 10G switch, NW Adv. License	Cisco DNA Advantage License	C9500-DNA-A-3Y	C9500-DNA-A-5Y	C9500-DNA-A-7Y
C9500-40X-E	Cisco Catalyst 9500 40-port 10G switch, NW Ess. License	Cisco DNA Essential License	C9500-DNA-E-3Y	C9500-DNA-E-5Y	C9500-DNA-E-7Y
C9500-40X-2Q-A	Cisco Catalyst 9500 40-port 10G switch, 2 x 40GE Network Module, NW Adv. License	Cisco DNA Advantage License	C9500-DNA-A-3Y	C9500-DNA-A-5Y	C9500-DNA-A-7Y
C9500-40X-2Q-E	Cisco Catalyst 9500 40-port 10G switch, 2 x 40GE Network Module, NW Ess. License	Cisco DNA Essential License	C9500-DNA-E-3Y	C9500-DNA-E-5Y	C9500-DNA-E-7Y
C9500-48X-A	Cisco Catalyst 9500 40-port 10G switch, 8 x 10GE Network Module, NW Adv. License	Cisco DNA Advantage License	C9500-DNA-A-3Y	C9500-DNA-A-5Y	C9500-DNA-A-7Y
C9500-48X-E	Cisco Catalyst 9500 40-port 10G switch, 8 x 10GE Network Module, NW Ess. License	Cisco DNA Essential License	C9500-DNA-E-3Y	C9500-DNA-E-5Y	C9500-DNA-E-7Y

Hardware Product number	Product description	License type	3 year	5 year	7 year
C9500-48Y4C-A	Cisco Catalyst 9500 High Performance 48-port 25G switch, NW Adv. License	Cisco DNA Advantage License	C9500-DNA-A-3Y	C9500-DNA-A-5Y	C9500-DNA-A-7Y
C9500-48Y4C-E	Cisco Catalyst 9500 High Performance 48-port 25G switch, NW Ess. License	Cisco DNA Essential License	C9500-DNA-E-3Y	C9500-DNA-E-5Y	C9500-DNA-E-7Y
C9500-48Y4C-A-BUN	2 x Cisco Catalyst 9500 High Performance 48-port 25G switch, 8 x QSFP-40/100-SRBD, NW Adv. License	Cisco DNA Advantage License	C9500-DNA-A-3Y	C9500-DNA-A-5Y	C9500-DNA-A-7Y

Table 3 provides ordering information for network modules, power supplies, cables, fan and accessories

Table 3.   Network modules, power supplies, cables, fan and accessories

Product Number	Product description
C9500-NM-2Q	Cisco Catalyst 9500 2 x 40GE Network Module
C9500-NM-8X	Cisco Catalyst 9500 8 x 10GE Network Module
C9500-NM-2Q=	Cisco Catalyst 9500 2 x 40GE Network Module Spare
C9500-NM-8X=	Cisco Catalyst 9500 8 x 10GE Network Module Spare
C9K-PWR-1600WAC-R	1600W AC Power Supply
C9K-PWR-650WAC-R	650W AC Power Supply
C9K-PWR-650WACL-R	650W AC Power Supply
C9K-PWR-1500WAC	1500W AC Power Supply (C9500X)
C9K-PWR-1600WDC-R	1600W DC Power Supply
C9K-PWR-930WDC-R	930W DC Power Supply
C9K-PWR-1500WDC	1500W DC Power Supply (C9500X)
C9K-PWR-1600WACR/2	1600W AC Power Supply, Redundant
C9K-PWR-650WAC-R/2	650W AC Power Supply, Redundant
C9K-PWR-650WACLR/2	650W AC Power Supply, Redundant
C9K-PWR-1500WAC/2	1500W AC Power Supply, Redundant (C9500X)
C9K-PWR-1600WDCR/2	1600W DC Power Supply, Redundant
C9K-PWR-930WDC-R/2	930W DC Power Supply, Redundant
C9K-PWR-1500WDC/2	1500W DC Power Supply, Redundant (C9500X)

Product Number	Product description
C9K-PWR-C4-BLANK	Catalyst 9500 power supply blank cover
C9K-PWR-C5-BLANK	Catalyst 9500 power supply blank cover
PWR-C6-BLANK	Catalyst 9500X power supply blank cover
C9K-T1-FANTRAY	Catalyst 9500 fan tray (C9500-32QC, C9500-48Y4C and C9500-24Y4C)
FAN-T4-R	Catalyst 9500 Type 4 front to back cooling Fan (C9500-24Q, C9500-12Q, C9500-40X and C9500-16X)
C9K-T2-FANTRAY	Catalyst 9500 Type 5 front to back cooling Fan (C9500-32C)
C9500X-FAN-1U-F	Catalyst 9500X back to front cooling fan
C9500X-FAN-1U-R	Catalyst 9500X front to back cooling Fan
PWR-C4-950WAC-R	950W AC Config 4 Power Supply front to back cooling
PWR-C4-950WAC-R/2	950W AC Config 4 Power Supply front to back cooling, Redundant
PWR-C4-BLANK	Catalyst 9500 power supply blank cover
CAB-C15-CBN-JP	Japan Cabinet Jumper Power Cord, 250 VAC 12A, C14-C15
CAB-TA-250V-JP	Japan 250V AC Type A Power Cable
CAB-TA-AP	Australia AC Type A Power Cable
CAB-TA-AR	Argentina AC Type A Power Cable
CAB-TA-DN	Denmark AC Type A Power Cable
CAB-TA-EU	Europe AC Type A Power Cable
CAB-TA-IN	India AC Type A Power Cable
CAB-TA-IS	Israel AC Type A Power Cable
CAB-TA-IT	Italy AC Type A Power Cable
CAB-TA-SW	Switzerland AC Type A Power Cable
CAB-TA-UK	United Kingdom AC Type A Power Cable
CAB-TA-NA	North America AC Type A Power Cable
CAB-C15-CBN	Cabinet Jumper Power Cord, 250 VAC 13A, C14-C15 Connectors
CAB-TA-JP	Japan AC Type A Power Cable
PWR-CAB-AC-USA520	US AC Power Cord for Cisco ASR 900, NEMA 5-20
PWR-CAB-AC-USA	Power Cord for AC V2 Power Module (USA), NEMA L6-20P

Product Number	Product description
PWR-CAB-AC-AUS	Power Cord for AC V2 Power Module (Australia), AS 3112
PWR-CAB-AC-EU	Power Cord for AC V2 Power Module (Europe), CEE 7/7
PWR-CAB-AC-ITA	Power Cord for AC V2 Power Module (Italy), CEI-23-50
PWR-CAB-AC-SA	Power Cord for AC V2 Power Module (South Africa), SABS 164
PWR-CAB-AC-UK	Power Cord for AC V2 Power Module (UK), EN 60309-2
PWR-CAB-AC-ISRL	Power Cord for AC V2 Power Module (Israel), SI 32
PWR-CAB-AC-CHN	Power Cord for AC V2 Power Module (China), GB2099.1/GB1002
PWR-CAB-AC-BRA	Power Cord for AC V2 Power Module (Brazil), NBR 14136
PWR-CAB-AC-SUI	Power Cord for AC V2 Power Module (Swiss), SEV 1011
PWR-CAB-AC-JPN	Power Cord for AC V2 Power Module (Japan), JIS C8303
PWR-CAB-AC-IND	India AC Power Cord for Cisco ASR 900, IS:1293
PWR-CAB-AC-ARG	AC POWER CORD, WIRE HARNESS, Argentina, IRAM 2073, IEC60320 C21, ST, 4M, 30 AWG, STRANDED, 250.0 V, 16.0 A
PWR-2KW-DC-CBL	Power Cord - 2KW DC
CAB-48DC-40A-8AWG	C-Series -48VDC PSU Power Cord, 3.5M, 3 Wire, 8AWG, 40A
C9500-ACCKITH-19I=	Accessory Kit for Cisco Catalyst 9500 Series – High-End - 19" rack mount
C9500-ACCKITH-23I=	Accessory Kit for Cisco Catalyst 9500 Series – High-End - 23" rack mount
C9500-4PTH-KIT=	Extension rails and brackets for four-point mounting for Cisco Catalyst 9500 Series – High-End
C9500-ACC-KIT-19I=	Accessory Kit for Cisco Catalyst 9500 Series - 19" rack mount
C9500-ACC-KIT-23I=	Accessory Kit for Cisco Catalyst 9500 Series - 23" rack mount
C9500-4PT-KIT=	Extension rails and brackets for four-point mounting for Cisco Catalyst 9500 Series
C9500X-ACCKIT-19I=	Accessory Kit for Cisco Catalyst 9500X Switch - 19" rack mount
C9500X-ACCKIT-23I=	Accessory Kit for Cisco Catalyst 9500X Switch - 23" rack mount
C9500X-4PTH-KIT=	Extension rails and brackets for four-point mounting for Cisco Catalyst 9500X Switch
C9500-RFID	RFID Selected for C9500 high performance switches (C9500-24Y4C, C9500-48Y4C, C9500-32C, C9500-32QC)
C9500X-RFID	RFID Selected for C9500X switches
C9500-RFID-NONE	No RFID Selected for C9500 high performance and C9500X switches

Table 4 and 5 provides ordering information for Software PIDs

Table 4.   Cisco DNA Software PIDs

Cisco DNA Term Licenses	
Cisco DNA Advantage licenses	
C9500X-DNA-A-3Y	Catalyst 9500X Cisco DNA Advantage license (3Y) for 28C8D SKU
C9500X-DNA-A-5Y	Catalyst 9500X Cisco DNA Advantage license (5Y) for 28C8D SKU
C9500X-DNA-A-7Y	Catalyst 9500X Cisco DNA Advantage license (7Y) for 28C8D SKU
C9500-DNA-A-3Y	Catalyst 9500 NW and Cisco DNA Advantage license (3Y) for 24Q, 40X, 32C, 32QC, 48Y4C SKU
C9500-DNA-A-5Y	Catalyst 9500 NW and Cisco DNA Advantage license (5Y) for 24Q, 40X, 32C, 32QC, 48Y4C SKU
C9500-DNA-A-7Y	Catalyst 9500 NW and Cisco DNA Advantage license (7Y) for 24Q, 40X, 32C, 32QC, 48Y4C SKU
C9500-DNA-L-A-3Y	Catalyst 9500 NW and Cisco DNA Advantage low port density license (3Y) for 12Q, 16X, 24Y4C SKU
C9500-DNA-L-A-5Y	Catalyst 9500 NW and Cisco DNA Advantage low port density license (5Y) for 12Q, 16X, 24Y4C SKU
C9500-DNA-L-A-7Y	Catalyst 9500 NW and Cisco DNA Advantage low port density license (7Y) for 12Q, 16X, 24Y4C SKU
Cisco DNA Essentials licenses	
C9500X-DNA-E-3Y	Catalyst 9500X Cisco DNA Essential license (3Y) for 28C8D SKU
C9500X-DNA-E-5Y	Catalyst 9500X Cisco DNA Essential license (5Y) for 28C8D SKU
C9500X-DNA-E-7Y	Catalyst 9500X Cisco DNA Essential license (7Y) for 28C8D SKU
C9500-DNA-L-E-3Y	Catalyst 9500 NW and Cisco DNA Essentials. low port density license (3Y) for 12Q, 16X, 24Y4C SKU
C9500-DNA-L-E-5Y	Catalyst 9500 NW and Cisco DNA Essentials. low port density license (5Y) for 12Q, 16X, 24Y4C SKU
C9500-DNA-L-E-7Y	Catalyst 9500 NW and Cisco DNA Essentials. low port density license (7Y) for 12Q, 16X, 24Y4C SKU
C9500-DNA-E-3Y	Catalyst 9500 NW and Cisco DNA Essentials. license (3Y) for 24Q, 40X, 32C, 32QC, 48Y4C SKU
C9500-DNA-E-5Y	Catalyst 9500 NW and Cisco DNA Essentials. license (5Y) for 24Q, 40X, 32C, 32QC, 48Y4C SKU
C9500-DNA-E-7Y	Catalyst 9500 NW and Cisco DNA Essentials. license (7Y) for 24Q, 40X, 32C, 32QC, 48Y4C SKU

Cisco DNA Term Licenses	
Cisco DNA License Upgrade	Upgrade from Essentials to Advantage
C9500-LIC=	Electronic SW License for C9500 Switches
C9500X-DNA-28C8DEA	C9500X DNA 28P100G 4P400G Upgrade License
C9500-DNA-16X-E-A	C9500 DNA 16P10G Upgrade License
C9500-DNA-24Y4CEA	C9500 DNA 24P25G Upgrade License
C9500-DNA-32C-E-A	C9500 DNA 32P100G Upgrade License
C9500-DNA-32QC-E-A	C9500 DNA 32P40G Upgrade License
C9500-DNA-48Y4CEA	C9500 DNA 48P25G Upgrade License
C9500-DNA-12Q-E-A	C9500 DNA 12P40G Upgrade License
C9500-DNA-24Q-E-A	C9500 DNA 24P40G Upgrade License
C9500-DNA-40X-E-A	C9500 DNA 40P10G Upgrade License

Table 5.   Cisco Catalyst Software SKUs

Cisco Catalyst Software SKU	Product Description
C9500-DNX-A-12Q-3Y	C9500 Advantage Catalyst Software subscription, 12-Port, 3Y License
C9500-DNX-A-12Q-5Y	C9500 Advantage Catalyst Software subscription, 12-Port, 5Y License
C9500-DNX-A-12Q-7Y	C9500 Advantage Catalyst Software subscription, 12-Port, 7Y License
C9500-DNX-E-12Q-3Y	C9500 Essentials Catalyst Software subscription, 12-Port, 3Y License
C9500-DNX-E-12Q-5Y	C9500 Essentials Catalyst Software subscription, 12-Port, 5Y License
C9500-DNX-E-12Q-7Y	C9500 Essentials Catalyst Software subscription, 12-Port, 7Y License
C9500-DNX-A-16X-3Y	C9500 Advantage Catalyst Software subscription, 16-Port, 3Y License
C9500-DNX-A-16X-5Y	C9500 Advantage Catalyst Software subscription, 16-Port, 5Y License
C9500-DNX-A-16X-7Y	C9500 Advantage Catalyst Software subscription, 16-Port, 7Y License
C9500-DNX-E-16X-3Y	C9500 Essentials Catalyst Software subscription, 16-Port, 3Y License
C9500-DNX-E-16X-5Y	C9500 Essentials Catalyst Software subscription, 16-Port, 5Y License
C9500-DNX-E-16X-7Y	C9500 Essentials Catalyst Software subscription, 16-Port, 7Y License
C9500-DNX-A-24Q-3Y	C9500 Advantage Catalyst Software subscription, 24-Port, 3Y License
C9500-DNX-A-24Q-5Y	C9500 Advantage Catalyst Software subscription, 24-Port, 5Y License

Cisco Catalyst Software SKU	Product Description
C9500-DNX-A-24Q-7Y	C9500 Advantage Catalyst Software subscription, 24-Port, 7Y License
C9500-DNX-E-24Q-3Y	C9500 Essentials Catalyst Software subscription, 24-Port, 3Y License
C9500-DNX-E-24Q-5Y	C9500 Essentials Catalyst Software subscription, 24-Port, 5Y License
C9500-DNX-E-24Q-7Y	C9500 Essentials Catalyst Software subscription, 24-Port, 7Y License
C9500-DNX-A-24Y-3Y	C9500 Advantage Catalyst Software subscription, 24-Port, 3Y License
C9500-DNX-A-24Y-5Y	C9500 Advantage Catalyst Software subscription, 24-Port, 5Y License
C9500-DNX-A-24Y-7Y	C9500 Advantage Catalyst Software subscription, 24-Port, 7Y License
C9500-DNX-E-24Y-3Y	C9500 Essentials Catalyst Software subscription, 24-Port, 3Y License
C9500-DNX-E-24Y-5Y	C9500 Essentials Catalyst Software subscription, 24-Port, 5Y License
C9500-DNX-E-24Y-7Y	C9500 Essentials Catalyst Software subscription, 24-Port, 7Y License
C9500-DNX-A-28C-3Y	C9500 Advantage Catalyst Software subscription, 28-Port, 3Y License
C9500-DNX-A-28C-5Y	C9500 Advantage Catalyst Software subscription, 28-Port, 5Y License
C9500-DNX-A-28C-7Y	C9500 Advantage Catalyst Software subscription, 28-Port, 7Y License
C9500-DNX-E-28C-3Y	C9500 Essentials Catalyst Software subscription, 28-Port, 3Y License
C9500-DNX-E-28C-5Y	C9500 Essentials Catalyst Software subscription, 28-Port, 5Y License
C9500-DNX-E-28C-7Y	C9500 Essentials Catalyst Software subscription, 28-Port, 7Y License
C9500-DNX-A-32C-3Y	C9500 Advantage Catalyst Software subscription, 32-Port, 3Y License
C9500-DNX-A-32C-5Y	C9500 Advantage Catalyst Software subscription, 32-Port, 5Y License
C9500-DNX-A-32C-7Y	C9500 Advantage Catalyst Software subscription, 32-Port, 7Y License
C9500-DNX-E-32C-3Y	C9500 Essentials Catalyst Software subscription, 32-Port, 3Y License
C9500-DNX-E-32C-5Y	C9500 Essentials Catalyst Software subscription, 32-Port, 5Y License
C9500-DNX-E-32C-7Y	C9500 Essentials Catalyst Software subscription, 32-Port, 7Y License
C9500-DNX-A-32Q-3Y	C9500 Advantage Catalyst Software subscription, 32-Port, 3Y License
C9500-DNX-A-32Q-5Y	C9500 Advantage Catalyst Software subscription, 32-Port, 5Y License
C9500-DNX-A-32Q-7Y	C9500 Advantage Catalyst Software subscription, 32-Port, 7Y License
C9500-DNX-E-32Q-3Y	C9500 Essentials Catalyst Software subscription, 32-Port, 3Y License
C9500-DNX-E-32Q-5Y	C9500 Essentials Catalyst Software subscription, 32-Port, 5Y License

Cisco Catalyst Software SKU	Product Description
C9500-DNX-E-32Q-7Y	C9500 Essentials Catalyst Software subscription, 32-Port, 7Y License
C9500-DNX-A-40X-3Y	C9500 Advantage Catalyst Software subscription, 40-Port, 3Y License
C9500-DNX-A-40X-5Y	C9500 Advantage Catalyst Software subscription, 40-Port, 5Y License
C9500-DNX-A-40X-7Y	C9500 Advantage Catalyst Software subscription, 40-Port, 7Y License
C9500-DNX-E-40X-3Y	C9500 Essentials Catalyst Software subscription, 40-Port, 3Y License
C9500-DNX-E-40X-5Y	C9500 Essentials Catalyst Software subscription, 40-Port, 5Y License
C9500-DNX-E-40X-7Y	C9500 Essentials Catalyst Software subscription, 40-Port, 7Y License
C9500-DNX-A-48Y-3Y	C9500 Advantage Catalyst Software subscription, 48-Port, 3Y License
C9500-DNX-A-48Y-5Y	C9500 Advantage Catalyst Software subscription, 48-Port, 5Y License
C9500-DNX-A-48Y-7Y	C9500 Advantage Catalyst Software subscription, 48-Port, 7Y License
C9500-DNX-E-48Y-3Y	C9500 Essentials Catalyst Software subscription, 48-Port, 3Y License
C9500-DNX-E-48Y-5Y	C9500 Essentials Catalyst Software subscription, 48-Port, 5Y License
C9500-DNX-E-48Y-7Y	C9500 Essentials Catalyst Software subscription, 48-Port, 7Y License
C9500-DNX-A-60L-3Y	C9500 Advantage Catalyst Software subscription, 60-Port, 3Y License
C9500-DNX-A-60L-5Y	C9500 Advantage Catalyst Software subscription, 60-Port, 5Y License
C9500-DNX-A-60L-7Y	C9500 Advantage Catalyst Software subscription, 60-Port, 7Y License

Optics support

The Cisco Catalyst 9500 Series supports a wide range of optics. Because the list of supported optics is updated on a regular basis, please consult the tables available here for the latest compatibility information: https://www.cisco.com/c/en/us/support/interfaces-modules/transceiver-modules/products-device-support-tables-list.html.

Important links

Smart Accounts: all you need to know

- Operations Exchange: partner and distributor software training: A comprehensive list of external software training resources. Detailed training modules for ordering and license management.

- SalesConnect Briefcase: Software training resources for Cisco internal sellers.

- Smart Account Leading Practices for Customers: A leading practices guide that can help customers decide how to structure their Smart Accounts or if they need multiple Smart Accounts.

- Smart Account Decision Tree: A short branching survey that helps partners and customers understand what type of Smart Accounts to create. Message templates for account managers to use when sending information about Smart Accounts to customers.

- CDC site: The primary Cisco.com site for Smart Accounts.

- AMER Software training schedule: List of live software training sessions currently offered.

- Training reservation form: Form to request a live software training session.