



# Cisco Licencování

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## Akým spôsobom licencujete zariadenia?

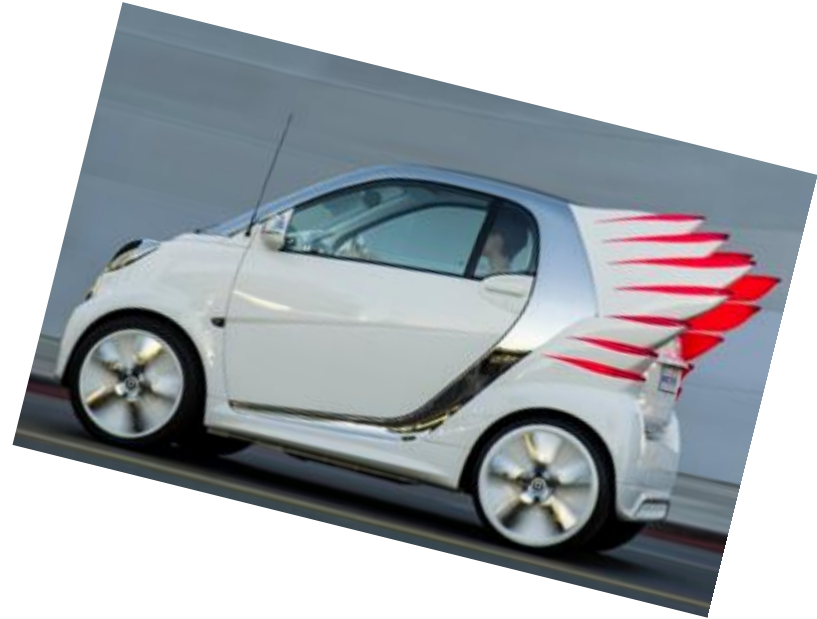
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# Agenda

1 Smart Account a Smart licencie

2 Prehľad licencií

3 EA



# Techclub webináře - zpátky do minulosti



06.07.2022 Smart licensing prakticky - SLP



01.06.2021 Novinky v oblasti Smart accountů a Smart licencí



21.04.2020 Cisco Smart licencování a Smart Account

Link: [Cisco Tech Club webináře](#)



Co je Smart Account, Smart licence a  
proc je potrebuji

slido

Please download and install the  
Slido app on all computers you use



## Audience Q&A

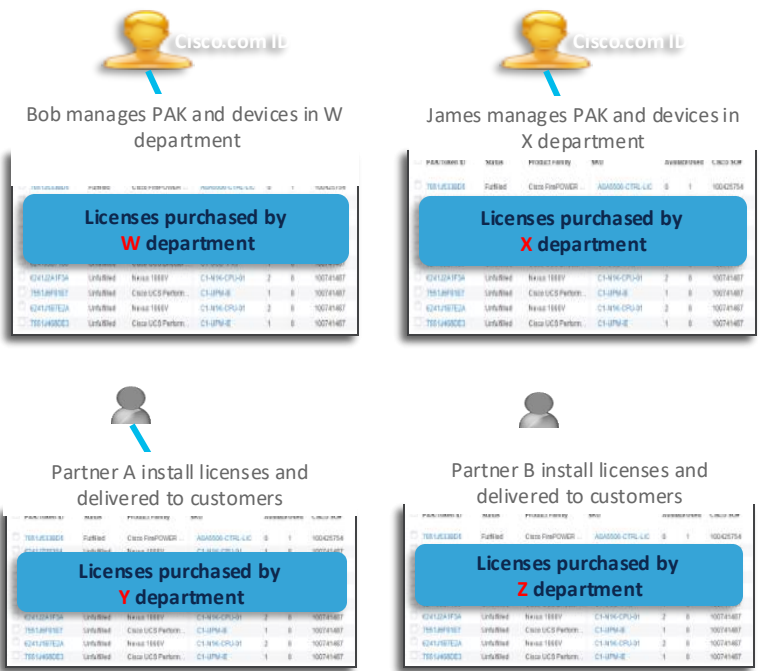
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# History Vs Present

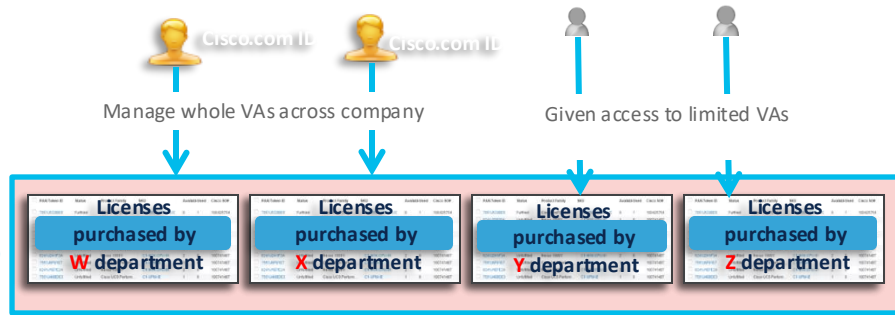
Customers don't know what they own, and Cisco can't tell them.

Smart Account and Smart Licensing is the solution.

Traditional Licensing



Smart Licensing



Licenses belong to Company A, not personal.  
Multiple Cisco.com ID can have role for SA or VA respectively.

- SA admins/users access across all VAs.
- VA admins/users access limited VAs.
- Admins can give access regardless
- SA/VA can be assigned to PAK as well. (PAK is deposited to LPR automatically)



# Why Smart Accounts and Smart Licensing





# Smart Account Benefits



**Greater visibility**  
of Cisco software  
licenses, entitlements  
and users across the  
organization.



**Centralized management**  
of software  
licenses and  
entitlements  
to improve asset  
utilization.



**Drive down costs** and  
improve ROI by making  
better informed  
purchase  
and renewal decisions.



**Organize and manage**  
by business unit, geo  
or other company  
designation, and  
delegate admin duties.

Easy | Fast | Free

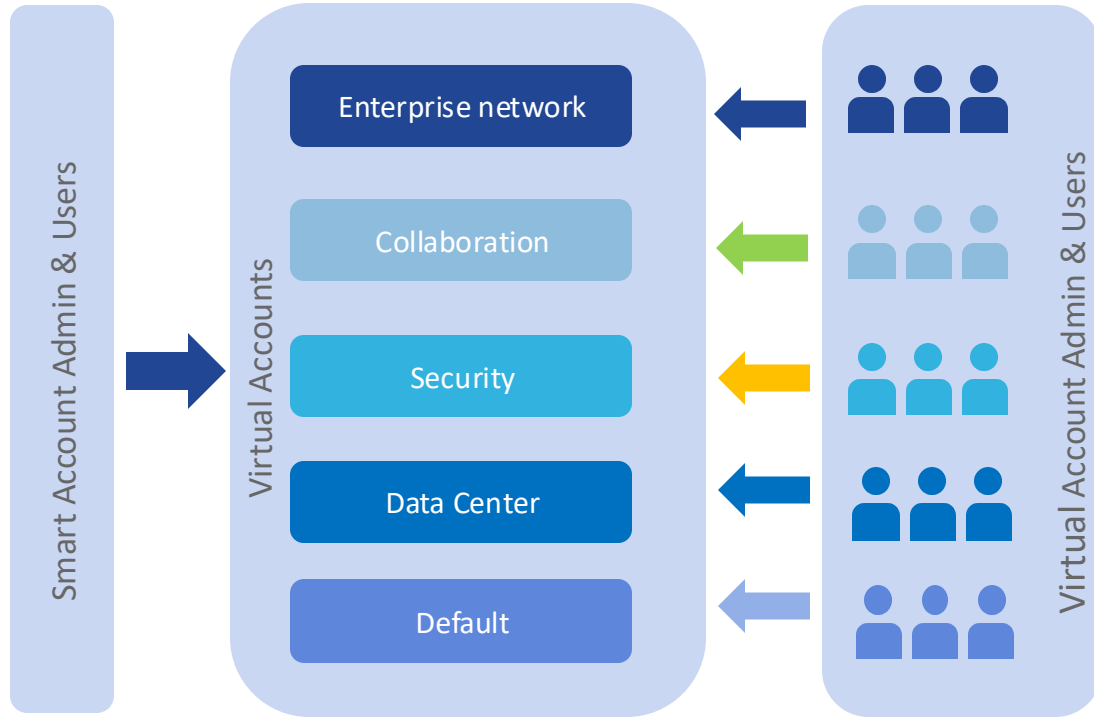


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Visit <https://cisco.sharepoint.com/sites/HTLE> to know more

Commerce &  
Lifecycle Operations

# Virtual Account



# User Roles



## Smart and Virtual Account Roles



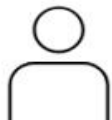
### Smart Account Administrator

- Creates and manages Smart Account and all Virtual Accounts
- Provides user access



### Smart Account Approver

- Responsible for approving the Smart Licensing Agreement Terms of Service



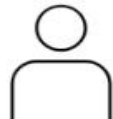
### Smart Account User

- Manages licenses within the Virtual Accounts, but does not have the ability to manage users or delete accounts



### Virtual Account Administrator

- Manages assets and provides user access to assigned Virtual Accounts



### Virtual Account User

- Manages licenses within assigned Virtual Accounts



### Smart / Virtual Account Viewer

- View licenses within the SA / VA, but no ability to make any edits or associated actions.

# What is a Smart Account?



A Smart Account provides a repository for Smart enabled Cisco devices and enables Users to manage their Cisco licenses. Users can activate and monitor their license usage as well as track any future Cisco purchases.

- To create a Smart account, the domain of the creator's email ID should match with the top-level domain of the requested Smart account.
- Prefixes, if needed, should always be generic in nature and not have personal names



## Request a SA

1 Go to  
software.cisco.com

2 Editable profile  
appears

3 Automatic email is  
sent to SA admin



## Request access to existing SA

1 Go to  
software.cisco.com

2 Select "request access to  
an existing smart  
account"

3 Enter Domain to  
notify admins



## Customer Smart Account

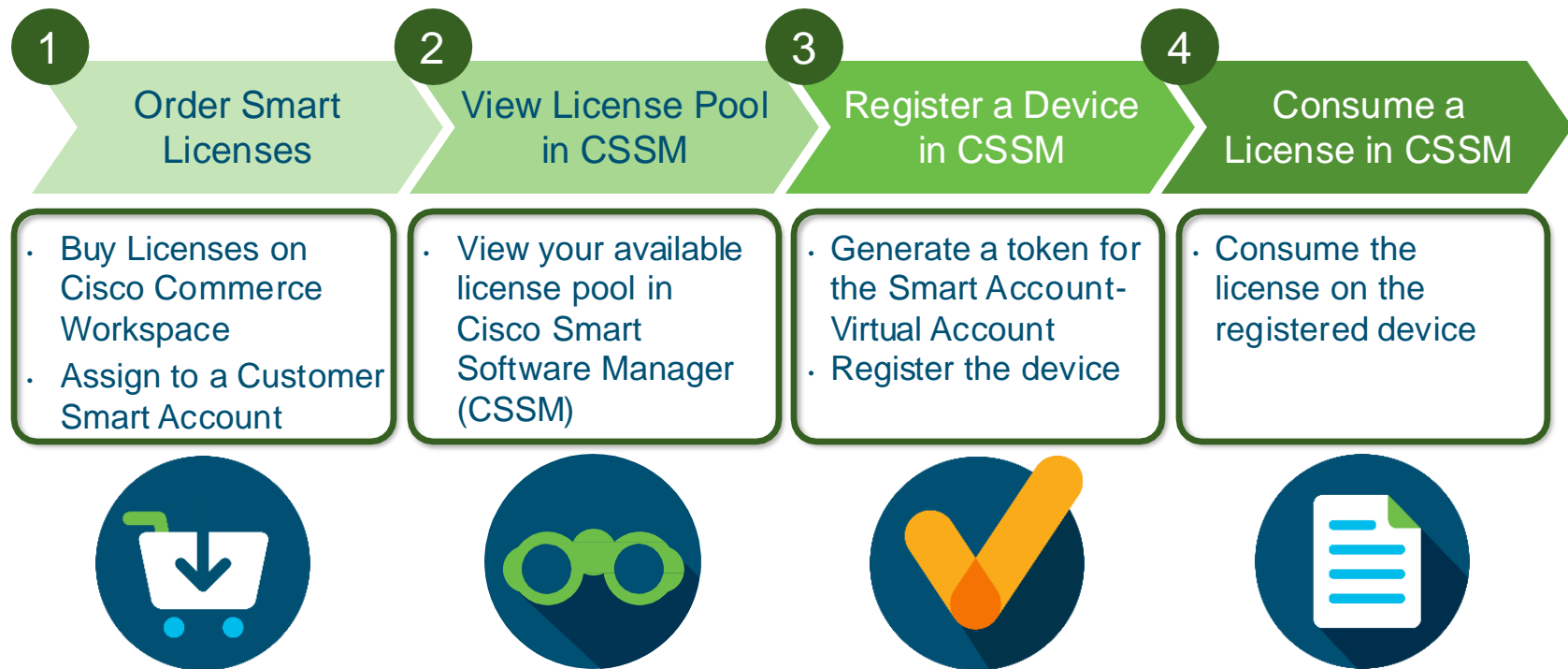
- Where licenses are deposited by customer, designated VAR or authorized party
- Licenses can be consumed via CSSM or LRP or EA Workspace
- SMB customers with public domain can create 'Limited Use' Smart Account



## Partner Holding Account

- Where smart licenses are stored by Partner or reseller temporarily until Customer Smart Account is known
- Licenses can't be consumed

# How to Manage my Smart Licenses?



Product Specific Configuration Guides at: [cisco.com/go/smartlicensing](https://cisco.com/go/smartlicensing)

# Product Connecting to CSSM: Deployment Method

Ease of use  
Security Policy

## Options

### 1 Direct cloud access

Cisco product sends usage information directly over the internet. No additional components are needed.



### 2 Direct cloud access through an HTTPs proxy

Cisco Products send usage information over the internet via a Proxy Server – Smart Call Home Transport Gateway (Free VM Download) or off-the-shelf Proxy (such as Apache).



### 3 Mediated access through an on-premises collector – connected

Cisco Products send usage information to a local connected collector, which acts as a local license authority. Periodically, an exchange of information will be performed to keep the databases in sync.



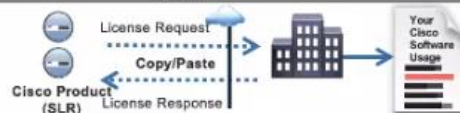
### 4 Mediated access through an on-premises collector – disconnected

Cisco Products send usage information to a local disconnected collector, which acts as a local license authority. Once a month, an exchange of synchronization information will be performed to keep the databases in sync.



### 5 License Reservation: PLR/SLR)

Designed for highly secure intelligence and military environments where communications with outside is difficult. Products will operate normally without ongoing communication to CSSM



## Cisco Smart licensing using policy (SLUP):

The Smart Licensing Using Policy is an evolved version of the Smart Licensing. Starting with IOS-XE 17.3.2 / 17.4.1 all product running these versions of software will only support Smart Licensing Using Policy. PAKs and Specific License Reservation (SLR) keys will persist through the upgrade and remain intact unless explicitly removed. The Smart Licensing Using Policy simplifies the day-0 operations for customers. The product will not boot in evaluation-mode, per product software registration is not required, and on-going communication every 30 days with the Cisco cloud is not required. However, license use compliance does require software reporting.

\*Note that not all products are currently eligible to use Cisco Smart licensing using policy. Please refer to the SLUP FAQ for details ([Click here](#))

NEW



## Akým spôsobom licencujete zariadenia?

① Start presenting to display the poll results on this slide.

## Smart Software Manager On-Prem

 PRG07-onprem ▾

### License

[Smart Licensing](#)

Track and manage Smart Licensing



### Administration

[Request an Account](#)

Get an Account for your organization. The Account must be approved by your System Administrator or System Operator before it can be used.

[Request Access to an Existing Account](#)

Submit a request for access to an existing local Account. Approval must be granted by a Smart Account Administrator for your local Account.

[Manage Account](#)

Modify the properties of your Accounts and associate existing User IDs with Accounts.





## Smart Licensing

[Alerts](#)**[Inventory](#)**[Convert to Smart Licensing](#)[Reports](#)[Preferences](#)[Activity](#)Local Virtual Account: **Default**[General](#)**[Licenses](#)**[Product Instances](#)[SL Using Policy](#)[Event Log](#)

Available Actions ▾



Manage License Tags...

**By Name** | By Tag

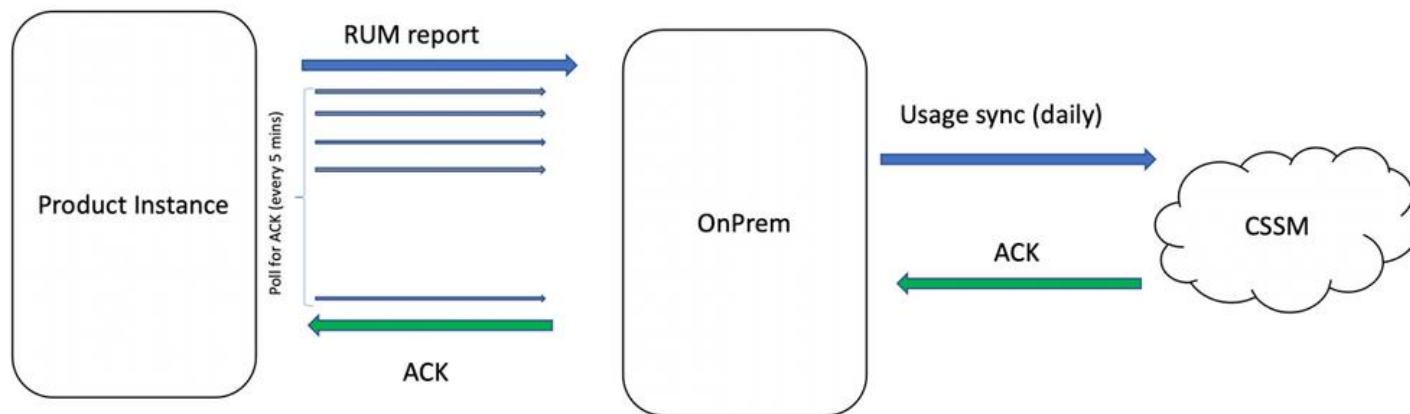
Search by License

Select number of records **10** ▾

Showing Page 1 of 2(14 Records) ⏮ ⏪ ⏩ ⏭

<input type="checkbox"/>	License	Billing	Available to Use	In Use	Substitution	Balance	Alerts	Actions
<input type="checkbox"/>	<a href="#">Access Essentials SIA per 10G</a>	Prepaid	6	0	-	6	 Licenses Expiring	<a href="#">Actions ▾</a>
<input type="checkbox"/>	<a href="#">Access Essentials SW Right-to-Use v1.0 per 10G</a>	Prepaid	6	0	-	6	 Licenses Expiring	<a href="#">Actions ▾</a>
<input type="checkbox"/>	<a href="#">C9300 24P Network Advantage</a>	Prepaid	1	0	-	1		<a href="#">Actions ▾</a>

# License usage reporting



slido

Please download and install the  
Slido app on all computers you use



## Audience Q&A

① Start presenting to display the audience questions on this slide.

# Cisco Licensing Hub

Welcome to the Cisco License Hub, your source for Cisco software licensing resources. Learn how to maximize your Cisco technology investments, from initial purchase to consumption management and optimized renewals.

🔍 Search or ask about licensing help

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**Overview**

Resources

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## Featured videos



<https://www.cisco.com/site/us/en/buy/licensing/index.html>



# Prehľad licencií

# Catalyst 9000 Switches—Advantage vs. Essentials

## C9200, C9300, C9400, C9500, C9600

### Advantage

3,5,7 Year Terms

#### Cisco DNA Advantage

(Inclusive of Cisco DNA Essentials)

##### Advanced Automation

- SD-Access
- Cisco Catalyst 9800 Series embedded wireless controller
- Application policy creation
- Encrypted Traffic Analytics\*
- Cisco Wide Area Bonjour\*\*
- Application hosting\*

##### Element Management

Patch/SMU Lifecycle Management

##### Assurance and Analytics

- Compliance and Reports
- Device 360 and Client 360
- Network Health Insights
- Cisco AI Network Analytics, AI Endpoint Analytics, Group-based Policy Analytics
- ThousandEyes Network and Application Synthetics\*\*\*

##### Telemetry and Visibility

- ERSPAN\*\*
- AVC (NBAR2)\*\*\*
- Wireshark\*

### Essentials

3,5,7 Year Terms

#### Cisco DNA Essentials

##### Basic Automation

- Network Plug and Play (PnP) provisioning application
- LAN Automation
- Cisco Local Area Bonjour

##### Element Management

Software Image Management (SWIM)

##### Basic Assurance

Health Dashboards – Network, Client, Application

##### Telemetry

Full Flexible NetFlow

Perpetual

#### Network Advantage

(Inclusive of Network Essentials)

##### Enhanced Security Controls

MACsec-256\*\*

##### Patch/SMU Lifecycle Management

Manual/CLI operations or through WebUI only

##### Full L3 Routing Functionality

BGP\*\*, OSPF, IS-IS

##### Flexible Network Segmentation

VRF, VXLAN, LISP, SGT, MPLS\*\*, BGP-EVPN with VXLAN\*\*

##### High Availability and Resiliency

NSF\*\*, GJR, HSRP, Stackwise Virtual\*\*, ISSU/eFSU\*\*

##### Optimize Bandwidth Utilization (Advanced Multicast)

RP Discovery, PIM BI-DIR

Perpetual

#### Network Essentials

##### Essential Switch Capabilities

Layer 2, Routed Access, OSPF, PBR, PIM Stub Multicast, PVLAN, VRRP, Cisco Discovery Protocol, QoS, FHS, 802.1X, Mac-sec 128, CoPP, SXP, IP SLA Responder, SSO, Stackwise (9200/9300)

##### L3 Routed Access

RIP, EIGRP Stub, OSPF (1000 routes)

- Programmability, NETCONF/RESTCONF/gRPC/YANG
- Zero Touch Provisioning
- MACsec encryption
- Advanced telemetry SPAN, RSPAN
- Streaming telemetry and visibility
- Cisco trustworthy solutions
- Software image management (SWIM)

• Catalyst 9000 switching HW includes the perpetual network stack—Network Essentials or Network Advantage  
 • Mandatory to attach Cisco DNA license when ordering Catalyst 9000 switches  
 • Cisco DNA License includes switch and Cisco DNA Center features

Network Essentials/Cisco DNA Essentials is not available on C9600

\* Not available on Catalyst 9200, 9500, 9600

\*\* Not available on Catalyst 9200

\*\*\*Not available on Catalyst 9500, 9600

# Switching licence

Features						
Roll over each feature for more information.	Network Essentials	Network Advantage	Cisco DNA Essentials	Cisco Catalyst Essentials (DNX)	Cisco DNA Advantage	Cisco DNA Center
<b>Essential switch capabilities</b>	✓ ⓘ	✓ ⓘ				
<b>L3 Routed access</b>	✓ ⓘ	✓ ⓘ				
<b>Programmability, NETCONF/RESTCONF/gRPC/YANG</b>	✓ ⓘ	✓ ⓘ				
<b>Zero Touch Provisioning</b>	✓ ⓘ	✓ ⓘ				
<b>128-bit MACsec encryption</b>	✓ ⓘ	✓ ⓘ				

[https://www.cisco.com/c/m/en\\_us/products/software/dna-subscription-switching/en-sw-sub-matrix-switching.html](https://www.cisco.com/c/m/en_us/products/software/dna-subscription-switching/en-sw-sub-matrix-switching.html)

# Cisco Catalyst 8000 Edge Platforms Licensing

## Network Stack Capabilities



### Network Essentials

Catalyst 8300/ 8200 only

Network Essentials

Perpetual

**Routing Essentials:** Routing Protocols, Vrf-lite, Multicast, NAT

**Security:** MACSEC-128, VPNs, ZBFW, PKI, ACLs, Umbrella Connector, Snort IPS

**Application Experience:** HQOS, Pfr, PBR, AVC, NBAR, IPSLA, FnF

**Unified Communication:** Cube Connector

**Router Management:** TACACS+, NETCONF, AAA, DNS, DHCP

With DNA Essentials



### Network Advantage

Network Advantage  
(Inclusive of Essentials)

Perpetual

**Overlay Technologies:** MPLS, VPLS, LISP, VXLAN, OTV, EVC, OAM

**Security:** MACSEC-256, ALG for ZBFW, VASI

**Cisco Innovation:** SMU Patching, SGTs, ETA, ISSU, mDNS Bonjour, EPC

**Unified Communication:** SRST, Support for Voice Modules

**WAN Optimization:** Cisco WAAS RTU\*

\*Available on UCS-E on C8300

With DNA Advantage and DNA Premier



# Cisco DNA SD-WAN Licensing

## Capability Based Packaging

### Cisco DNA Essentials

Simplified management & security protection  
for the cost-conscious customer

Enterprise firewall with Talos-powered IPS and app  
controls, SD-WAN Application Intelligence Engine,  
Cisco Secure Endpoint, SSL Proxy, Cisco Umbrella  
DNS Monitoring

Essential Cloud OnRamp for IaaS, SaaS, Colo  
Multicloud: GCP, AWS, Azure  
Cloud Security: Cisco Umbrella Connector

Basic WAN & path optimizations  
Flexible topology & dynamic routing  
(hub/spoke, partial/full mesh)

Single centralized management  
console in the cloud or on-prem

10 User VPN + 1 Management VPN  
Limitation

### Cisco DNA Advantage

Advanced SD-WAN with enhanced security for  
feature-rich branch deployment models

Advanced Cloud OnRamp for Multicloud  
and SaaS (all applications and telemetry)  
AppQoE

Segmentation  
(Unlimited VPNs)

Integrated border plus orchestration  
for campus, branch & datacenter

Integrated voice/UC gateways

Cisco Catalyst SD-WAN Analytics, Predictive Path  
Recommendations (powered by ThousandEyes  
WAN Insights)

Cisco DNA Essentials

# Bandwidth Tiering

Available for all SD-WAN and Routing Platform Families

Best Practice
<b>Tier 0</b> <b>(up to 50 Mbps aggregate)</b>
<b>Tier 1</b> <b>(up to 400 Mbps aggregate)</b>
<b>Tier 2</b> <b>(up to 2 Gbps aggregate)</b>
<b>Tier 3</b> <b>(up to 20 Gbps aggregate)</b>

# Routing licence

Platform 1 (Most features included)	Essentials	Cisco DNA Essentials	Cisco DNA Advantage
RIP, OSPF, BGP, EIGRP, IGRP, IS-IS, On-Demand Routing (ODR), Point-to-Point Protocol (PPP), Multi-Link PPP (MLP), TR-069, TR069-CWMP, TCP (ECN, Window scaling, MSS) Stream Control Transmission Protocol (SCTP).			
Routing and protocols	✓	✓	✓
Link capabilities	✓	✓	✓
High availability	✓	✓	✓
Essential application experience	✓	✓	✓
System control capabilities	✓	✓	✓
Essential traffic management capabilities	✓	✓	✓
Traffic analytics capabilities	✓	✓	✓

[https://www.cisco.com/c/m/en\\_us/products/software/sd-wan-routing-matrix.html](https://www.cisco.com/c/m/en_us/products/software/sd-wan-routing-matrix.html)

# Wireles + Unified Licensing

Features	Feature Description	Cisco Wireless Essentials	Cisco Wireless Advantage
Cloud management	Manage your access points with Cisco Meraki Dashboard	✓	✓
Zero-touch firmware upgrades	Manage and schedule firmware upgrades	✓	✓
Zero-touch provisioning	Claim and manage devices with Meraki Dashboard	✓	✓
Enterprise Wireless Security - WPA2, WPA3	Offer Enterprise Wireless Standards - WPA2 and WPA3	✓	✓
Guest Access and Splash Page	Provide guest network with Splash Page, offer one-click isolation	✓	✓

<https://www.cisco.com/c/en/us/products/collateral/networking/software/networking-subscription-ds.html>

# Unified Hardware: Wi-Fi 7 Access Points



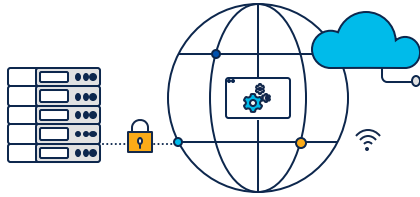
The first truly **unified hardware**  
product from Cisco Wireless



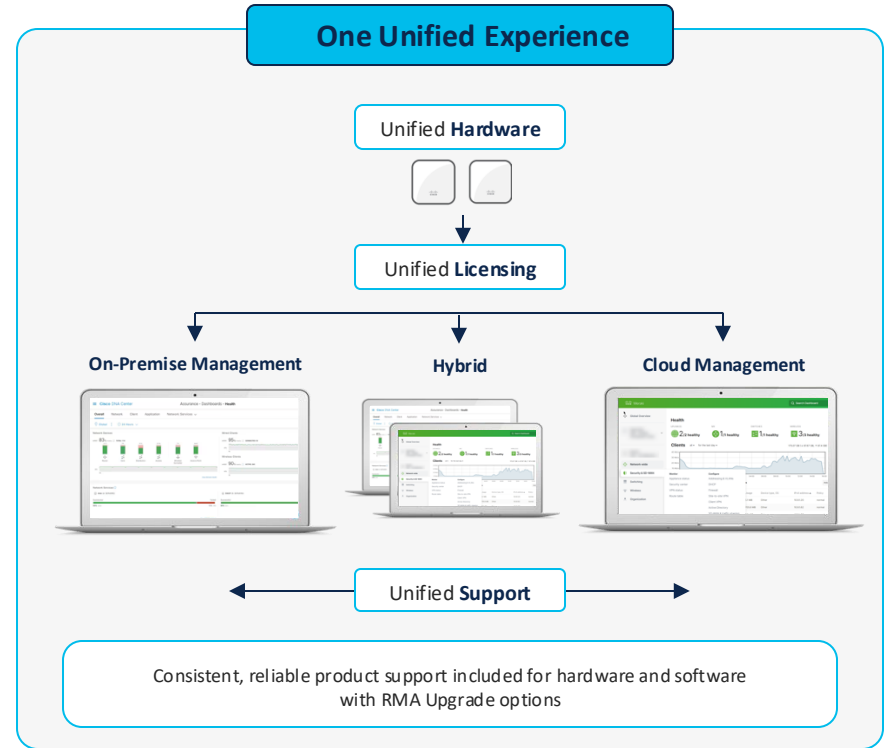
One product for all deployments  
and **endless possibilities**



# Introducing a Unified Experience for Cisco Networking Customers

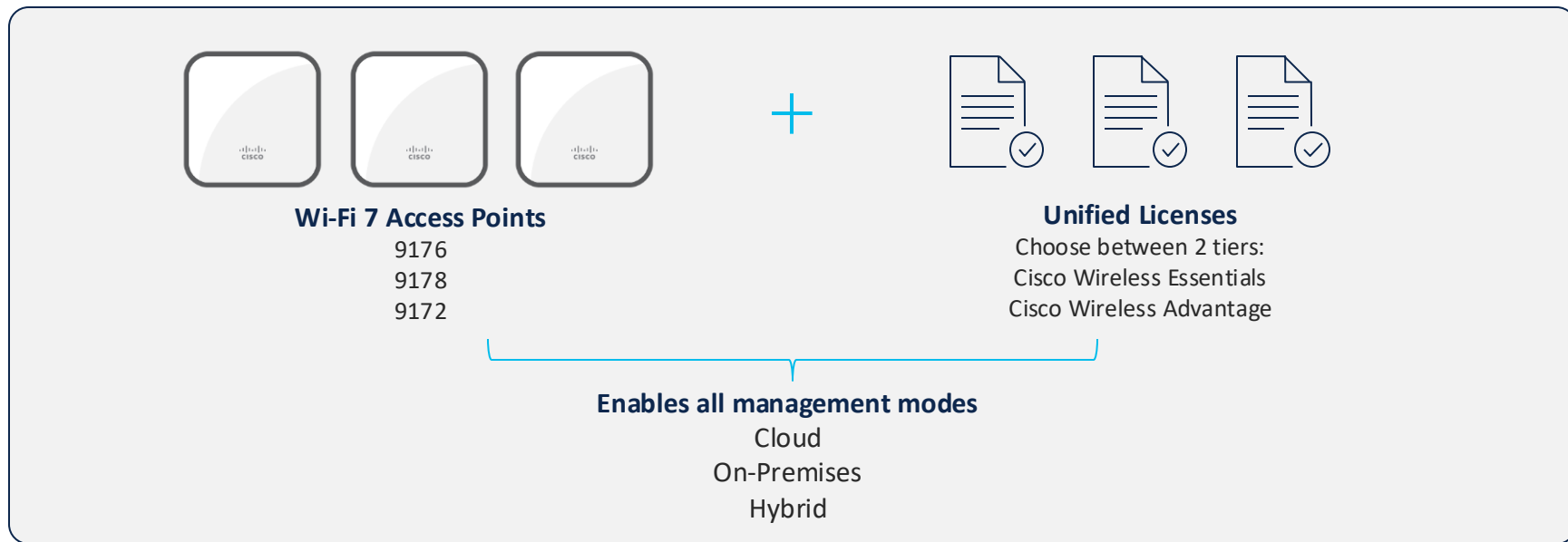


**Cisco Networking Subscription** is our new unified licensing model that offers a seamless, secure, and integrated network experience



# Introducing Unified Licensing available with Wi-Fi 7 access points

Manage your network on-premises, hybrid, or entirely via the cloud with the same unified licenses.



Cloud only co-term licensing with Wi-Fi 7 will be available for existing Meraki co-term customers.





## Spaces Essentials and Advantage Licenses – Feature Matrix

Feature List	Spaces Essentials	Spaces Advantage
Detect & Locate (Wi-Fi-asset tracking)	✓	✓
Location Analytics	✓	✓
Behavior Metrics	✓	✓
Right Now (real-time occupancy)	✓	✓
AI Maps	X (Network maps only)	✓
Indoor Location (WiFi, BLE, UWB)	X Wi-Fi only	✓ (Wi-Fi, BLE, UWB)
Wi-Fi Onboarding (Open Roaming, SDK, Captive Portals)	X OpenRoaming (device)	✓
Multi-sensor connect (IoT management)	X	✓
Occupancy data export	X	✓
Spaces API	X	✓
IoT Explorer (asset tracking toolkit)	X	✓
Location Analytics Advanced	X	✓
Space Utilization Analytics (historical occupancy)	X	✓
Environmental Analytics (indoor air quality trends)	X	✓
Space Manager (occupancy heatmaps)	X	✓
Space Explorer (kiosk + path finder)	X	✓



# Unified support for Cisco Networking Subscription

Product support for software and hardware coverage included

	<b>Expert Resources</b>	<ul style="list-style-type: none"><li>• Access to Cisco Communities</li><li>• Connect with your peers and Cisco specialists</li></ul>
	<b>Trusted Support</b>	<ul style="list-style-type: none"><li>• 24x7 HW/SW and OS support</li><li>• Software and OS updates</li><li>• Cisco Support Assistant</li><li>• Keep your network performing as expected</li></ul>
	<b>Digital insights</b>	<ul style="list-style-type: none"><li>• Asset and license view</li><li>• Case management</li><li>• Security advisories, field notices, and bugs notification*</li><li>• Improve operational efficiency and reduce risk</li></ul>
	<b>e-Learning</b>	<ul style="list-style-type: none"><li>• On-demand courses and best practices</li><li>• Advance skills and expertise</li></ul>

\*These features are only available on certain Product platforms as determined by Cisco. The list of availability is subject to change. Contact a Cisco representative for the most up to date information on supported technologies.

# Cisco RMA Upgrade\*

RMA Service Levels	Delivered 24x7x2		Delivered 24x7x4		Delivered 8x7xNext Calendar Day		Delivered 8x5xNext Business Day	
RMA Service Level	2HR	2HR onsite	4HR	4HR onsite	NCD	NCD onsite	NBD	NBD onsite
RMA Installation	Self	Cisco Tech.	Self	Cisco Tech.	Self	Cisco Tech.	Self	Cisco Tech.
Service Availability	7 days a week 24 hours per day				7 days a week Business hours		Business days Business hours	
Includes Local Observed Holidays	Yes						No	

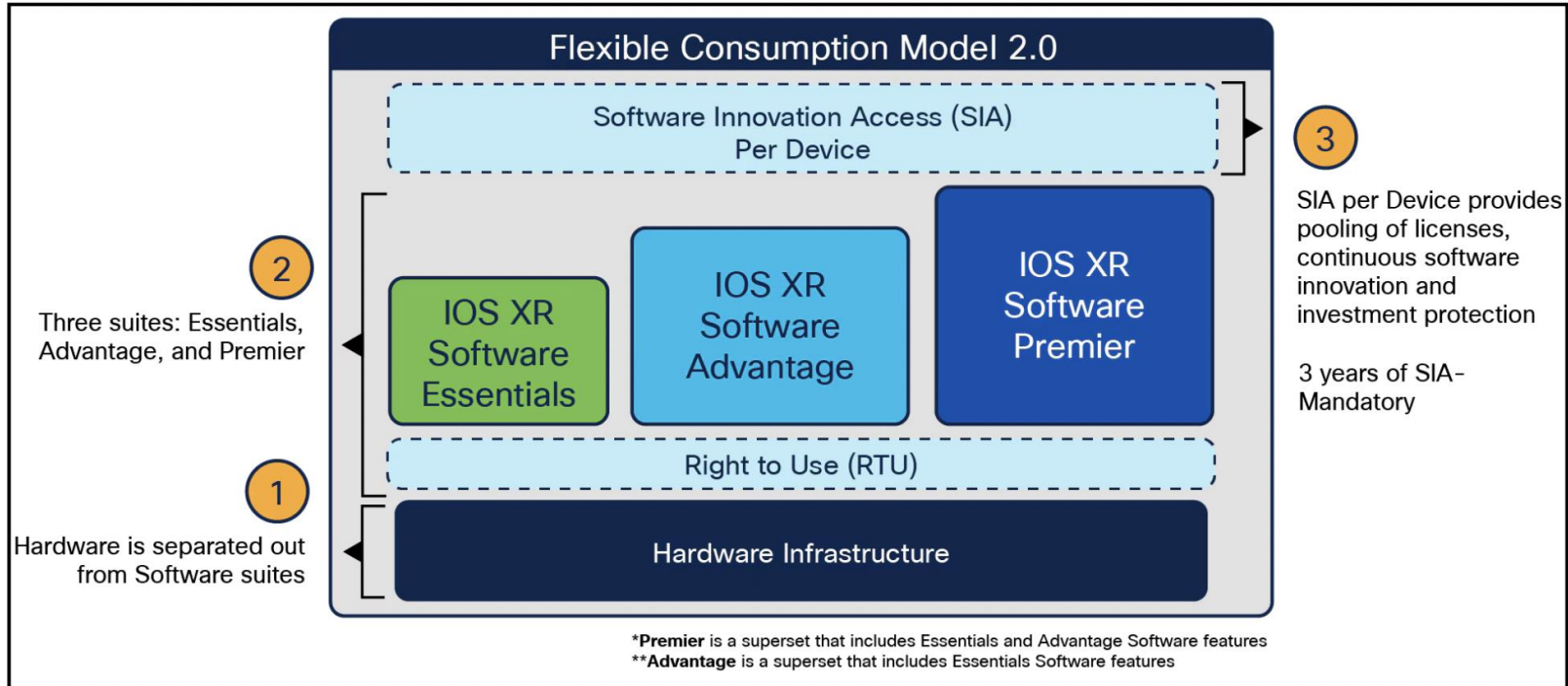
\*See [Service Description](#) for additional details. (Service description to be updated with new naming)

Warranty



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# IOS XR: FCM 2.0



<https://www.cisco.com/c/en/us/products/collateral/routers/8000-series-routers/ios-xr-software-flexible-consumption-model-2-0-ds.html>

# FCM 2.0 HW Categorization

## FCM 1.0

### Cisco 8000



- Cisco 8000 on Q100 & Q200\*
- Cisco 8k FCM 1.0 License Pool

### NCS 5500/5700



- Applicable on all NCS 55/5700 HW
- All NCS 55/5700 FCM 1.0 License Pool

### ASR 9000



- All ASR 9000 HW
- All A9K FCM 1.0 License Pool

## FCM 2.0

### Cisco 8000 and 8000E



- Cisco 8000 & Cisco 8000E
- ASIC P100, K100 and beyond
- Cisco 8608
- FCM 2.0 License Pool
- New RTU & SIA Licenses

We will continue with FCM 1.0 on existing NCS 540 series, NCS 55/5700 Series, ASR 9K & Cisco 8000 on Q100 & Q200

All Upcoming Platforms will be launched with FCM 2.0

 8608 (Q200-based product) is an exception and runs FCM 2.0

# FCM 2.0

## 3 Tier Model

### IOS XR RTU Premier (PRM)

### IOS XR RTU Advantage (ADN)

### IOS XR RTU Essentials (ESS)

\*Subject to Platform Capability

\*\*Please check Release Notes & HW Config for Supported Platforms  
cnBNG Control Plane has separate License

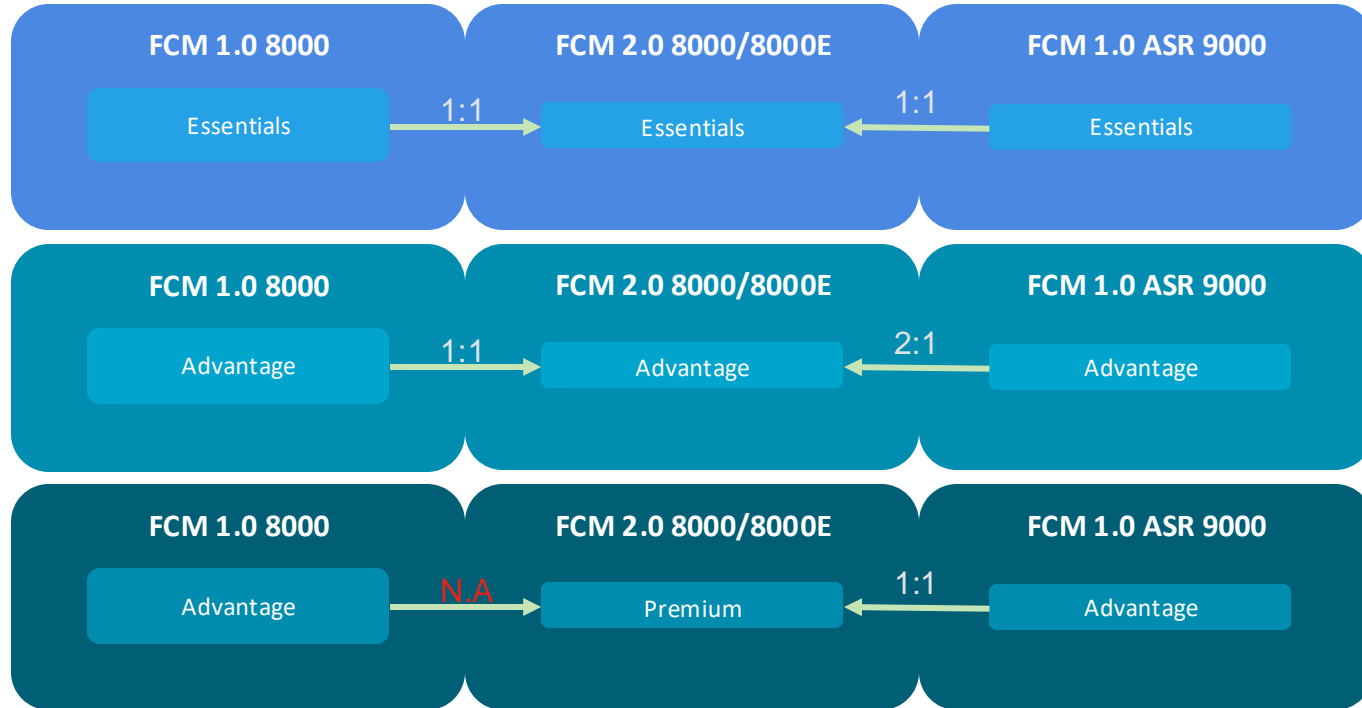
- **L2 Services:**
  - > \*1K (Attachment Circuit + PW)
- **L3 Services:**
  - VRFs : >128 VRFs\*

- **L2 Services:**
  - E-LAN (Bridging): L2VPN VPLS , EVPN-VPLS
  - EVPN IRB w/ Anycast GW, EVPN VxLAN
  - E-LINE (P2P) : L2VPN VPWS, EVPN-VPWS, Multi Segment-PW
  - Up to 1K (Attachment Circuit + PW)
- **L3 Services:**
  - MPLS IPv4/v6 , VPN (L3VPN/6VPE)
  - IPv4, IPv6 Provider Edge (6PE), GRE
  - Multicast VPN (MVPN)
  - > 16 & <= 128 VRFs
  - FIB Scale:> 512k & <=2M

- **L2 Transport:**
  - Dot1Q, QinQ
  - VLAN, EFP (L2transport), IRB/BVI
  - Static Tunnels: GRE/VxLAN/IPnIP
- **L3 Transport:**
  - IGP Flex Algo, IP, ISIS, OSPF, BGP, MPLS
  - SR transport, SRv6 transport
  - Basic Multicast (PIM & ICMP,MLD), MLDP
  - FIB Scale: < 512k ( v4 + v6 routes)

- **Premium Services\*** :PWHE, EVPN HE, Egress NetFlow / sFlow
- **Subscriber Management** : AGF-UP, Subscriber Session Steering, Integrated NAT
- **Security\***: IPSec , TunnelSec
- **SaaS Integration:** Cisco SW Integration , **Advanced API**
- TDM (along with smart SFP)\*
- **Max Scale supported for all features by the HW**
- **Peering:** BGP FlowSpec, BGP attribute-download, BGP Policy Accounting, BGP Monitoring Protocol (BMP)
- **Traffic Engineering:** RSVP-TE , SR-TE , SRv6-TE , P2MP RSVP TE, **TreeSID**
- **Security\***: MacSec
- **Subscriber Management** : Cloud Native BNG-User Plane, User Plane Geo Redundancy, IPoE , PPPoE, LAC, LNS
- **RON** – PLE
- **Advanced Timing\***: Virtual Port, A-PTS , GNSS, Timing support on breakout Cables\*\*
- **Management\***: Enhanced Telemetry, Yang models, CLI/SSH, SNMP, NetFlow , SL API
- **Infra:** QoS, HQoS, PBR, ABF, E-OAM (Link-level Fault-Management) , CFM and Y.1731, SR-PM, BFD
- **HA\***: BGP PIC,TI-LFA FRR, IP-FRR, G.8032
- **Security:** ACL's, LPTS, SSH, Radius/TACACS
- **Timing\***: G.8275.1, G.8275.2, 1PPS, ToD, 10Mhz

# License Portability Conversion Ratio



Purchase of new SIA Per System is required for RTU Portability



EA

Jednoduchý spôsob správy lic  
objednávanie+ obnova

# The Cisco Enterprise Agreement

Our entire Portfolio under one agreement

## Business Agility

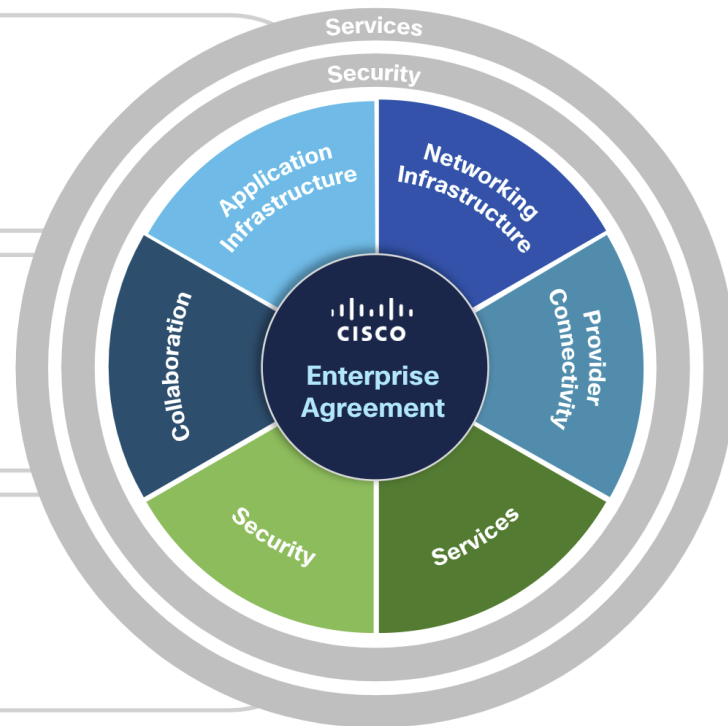
Accelerate business transformation with easier access to technology

## Premium Experience

Easily buy, consume and manage software licenses

## Unmatched Value

Maximize investments with access to exclusive benefits





# EA / MSEA Software & Services Portfolio & Suite Details

Portfolios	Networking							Apps		Collab	Security				Provider Connectivity	
Solutions	Cisco DNA Software	Cloud Networking	Cisco Networking	Cisco Secure Connect	Meraki <sup>1</sup>	Cisco Spaces	Crosswork Cloud	Observability	Splunk	Webex <sup>1</sup>	Protection	Zero Trust	Cloud & Network Security	Security Platform & Response	Automation	Network Assurance
Suites	SD-WAN & Routing	Nexus Switching	Networking	Cisco Secure Connect	Meraki Network infrastructure	Cisco Spaces	Network Insights	AppDynamics	Splunk Enterprise Cloud-SOAR and Observability	Collaboration	User Protection	Duo	Umbrella	Secure Endpoint	Network Services Orchestrator	Provider Connectivity Assurance
	Switching (DNA & DNX)	SAN Switching	Camera Systems		Meraki Systems Manage		Traffic Analysis	AppDynamics FSO	Splunk Enterprise and SOAR On-Prem		Cloud Protection	ISE	Cisco Secure Access	Cisco Detection & Response (XDR)	Evolved Programmable Network Manager	Cloud Hosting
	Wireless		Systems Manager		Meraki Camera Systems		Traffic Insights	ThousandEyes <sup>1</sup>			Breach Protection	Secure workload	Secure Firewall	Secure Network & Cloud Analytics	Crosswork Hierarchal Controller Platform	
			Cisco Networking Wireless <i>New!</i>					AppDynamics On-Prem			User & Breach Protection		Secure Web Appliance	Secure Email	Crosswork Workflow Manager	
								Intersight						Cisco Vulnerability Management	Crosswork Network Controller <i>New!</i>	
Services Portfolio	To ensure service alignment and drive a lifecycle approach with your customer, review the <a href="#">EA Services alignment to Software Suites Slide</a>															

# EA Advantages over A la Carte

Compare	Price Protection		Multi-Suite/Solution Discount*	Access through EAWS*	Co-Term	True Forward	Value Shift within Suite*
	Benefits	Not to Exceed Pricing (NTE)					
Compare	Full	✓	✓	✓	✓	Annual	✓
	Partial	✗	✓	✗	✓	Quarterly**	✗
	A la Carte (ALC)	✗	✗	✗	✗	✗	✗

\*Where available

\*\* Quarterly True Forward not enabled at this time

slido

Please download and install the  
Slido app on all computers you use



# Audience Q&A

 Start presenting to display the audience questions on this slide.

# Download and manage

## Smart Software Manager

Track and manage your licenses.  
Convert traditional licenses to Smart Licenses.

[Manage licenses](#) >

## Download and Upgrade

Download new software or updates  
to your current software.

[Access downloads](#) >

## Traditional Licenses

Generate and manage PAK-based  
and other device licenses, including  
demo licenses.

[Access LRP](#) >

## Manage Smart Account

Update your profile information and  
manage users.

[Manage account](#) >

## EA Workspace

Generate and manage licenses  
purchased through a Cisco  
Enterprise Agreement.

[Access EA Workspace](#) >

## Manage Entitlements

eDelivery, version upgrade, and more  
management functionality is now  
available in our new portal.

[Access MCE](#) >



1-Cisco EA 3.0 - Networkin...

Active

Catalog | Detailed Report | Consumption

**Subscription ID**  
SR107588 +8 ▾

**Web Order Id**  
97890307

**Number of  
Suites**  
1

**Start  
Date**  
11-O  
ct-20  
24



**End  
Date**  
10-O  
ct-20  
27

**Total Purchased  
Entitlements**  
200

**Buying  
Program**  
EA 3.0

**Next True Forward  
Date**

**Number Of  
Solutions**  
1

## Networking Infrastructure (EA17169) ▼

[EAs](#) [Devices](#) [Transactions](#) [Provisioning Requests](#) [RTU Transactions](#) [Reports](#) [Preferences](#) [Help](#) [Customer Support](#)

View EA by

**Catalog**

Consumption

True Forward Consumption









Search Suites, Products, Subscription Id



**Add Suite**

Active Suites



 Suites 	Action	Commit Status	Subscription ID	Next True Forward Date	Status	Start Date	End Date
 Cisco DNA Switching	Action 	Partial Commit 	SR102000	22-Dec-2024	ACTIVE	22-Dec-2023	21-Dec-2028
 Nexus Switching	Action 	Full Commit 	SR102000	22-Dec-2024	ACTIVE	22-Dec-2023	21-Dec-2028

## Networking Infrastructure (EA17169) ▼

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View EA by

**Catalog**

Consumption

True Forward Consumption

Search Suites, Products, Subscription Id

**Add Suite**

Active Suites

⊕ Suites ⓘ	Action	Commit Status	Subscription ID	Next True Forward Date	Status	Start Date	End Date
⊖ Cisco DNA Switching	Action ▼	Partial Commit ⓘ	SR102000	22-Dec-2024	ACTIVE	22-Dec-2023	21-Dec-2028
Advantage ⓘ	Generate License						
Essentials	Generate License						
Prime Infrastructure	Generate License						
DNA Spaces	Request Provisioning						
⊕ Nexus Switching	Action ▼	Full Commit ⓘ	SR102000	22-Dec-2024	ACTIVE	22-Dec-2023	21-Dec-2028

## Generate License for Essentials



Select the model and then the type of license will be shown to generate:

\*Model:

IE4000



☒ Smart Licen

Select a target V

Networking I

Select Model

No Model

Catalyst 9200

Catalyst 9500

IE5000

IE4000

IE3000

Catalyst CDB

Catalyst 9300

Cancel

Select Features

Show



## Generate License for Essentials



Select License Type



Add Devices



Select Features



Verify License



Review



C9500 DNA Essentials, Term License

C9500-DNA-32QC-E

0



C9500 DNA Essentials 48Y4C



**Feature Description**

C9500 DNA Essentials, Term License

**Feature Name**

C9500-DNA-48Y4C-E

**Qty**

0



C9500 DNA Essentials 24Y4C



**Feature Description**

C9500 DNA Essentials, Term License

**Feature Name**

C9500-DNA-24Y4C-E

**Qty**

0



C9500X Network Stack, Essentials



**Feature Description**

C9500X Network Stack Essentials

**Feature Name**

C9500X-NW-F

**Qty**


-

Back

Cancel

Verify License

# Consumption



Networking  
Infrastructure  
(EA17169)  
Buying Program ID: EA17169

Subscription ID  
SR10

Smart Account


Status  
ACTIVE





Next True Forward Date  
22-Dec-2024

Start Date  
22 Dec 2023

End Date  
21 Dec 2028

Consumption : SR102000

I want to 

Suites	Balance	Start Date	End Date
 Cisco DNA Switching 	Underconsumed	22 Dec 2023	21 Dec 2028
Essentials	Underconsumed		
 Nexus Switching 	Underconsumed	22 Dec 2023	21 Dec 2028
Data Center Networking Add On	Underconsumed		
Essentials	Underconsumed		

