



# TechClub

## Cisco licencování a pohled za oponu

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#55452 R&S

# Agenda

- Co je Smart Account (SA)
- Dělení SA na Virtuální Accounty (VA), jak a proč?
- Role uživatelů: Admin, User, Viewer
- Objednávkový proces a co je za oponou
- Nový Cisco License Central (CLC)

# Techclub webináře - zpátky do minulosti



07.06.2022 Smart licensing prakticky



18.02.2022 Cisco licencování

Link: [Cisco Tech Club webináře](#)

# Good software, like wine, takes time.

Joel Spolsky

# Proč Smart Accounty a Smart licence



# Co je Smart Account



## Co je SA

- A Cisco.com služba - centrální místo k organizaci vašich aktiv
- Místo kde vidím, ukládám, spravuji a přesouvám SW aktiva



## Smart Account



## Lepší organizace

## Virtuální Accounty

# Kde vidím své licence



Smart Account

<https://software.cisco.com>

Smart licence

Tradiční licence  
PAK



Smart Software Manager  
(SSM)

[Manage licenses >](#)

SSM On-prem: <https://URL:8443>

RMA!!

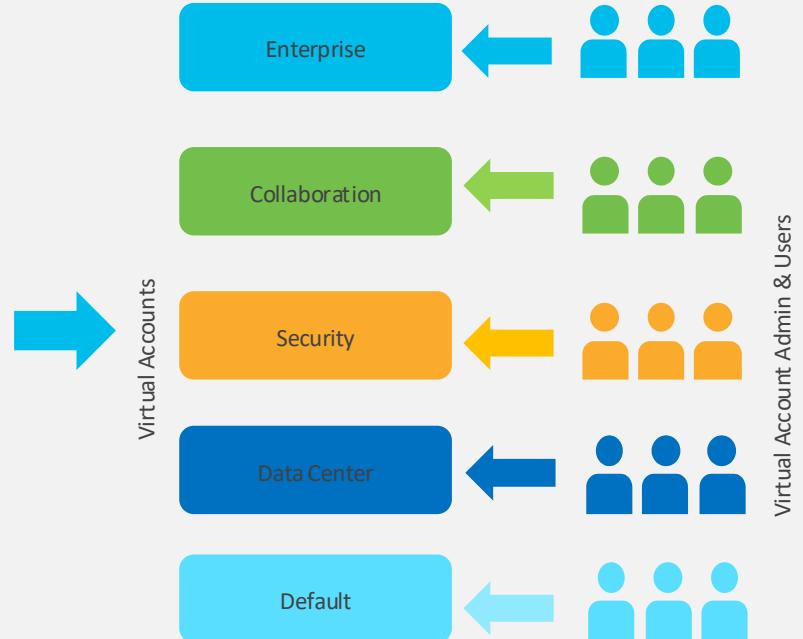


License Registration Portal  
(LRP)

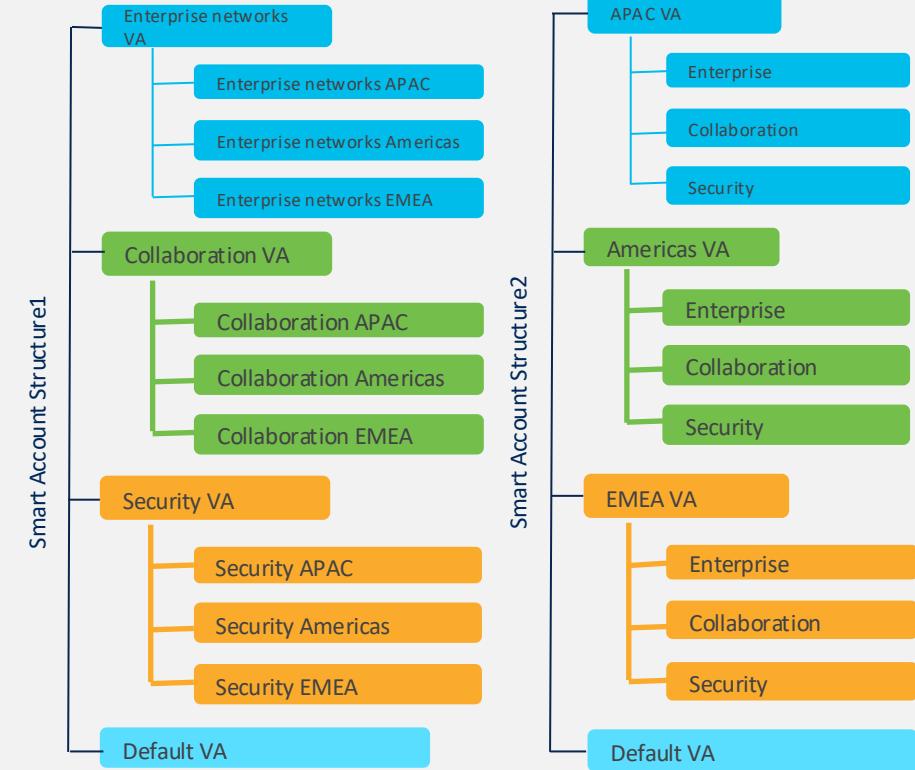
[Access LRP >](#)

# Virtual Account Structure

## Flat Virtual Account

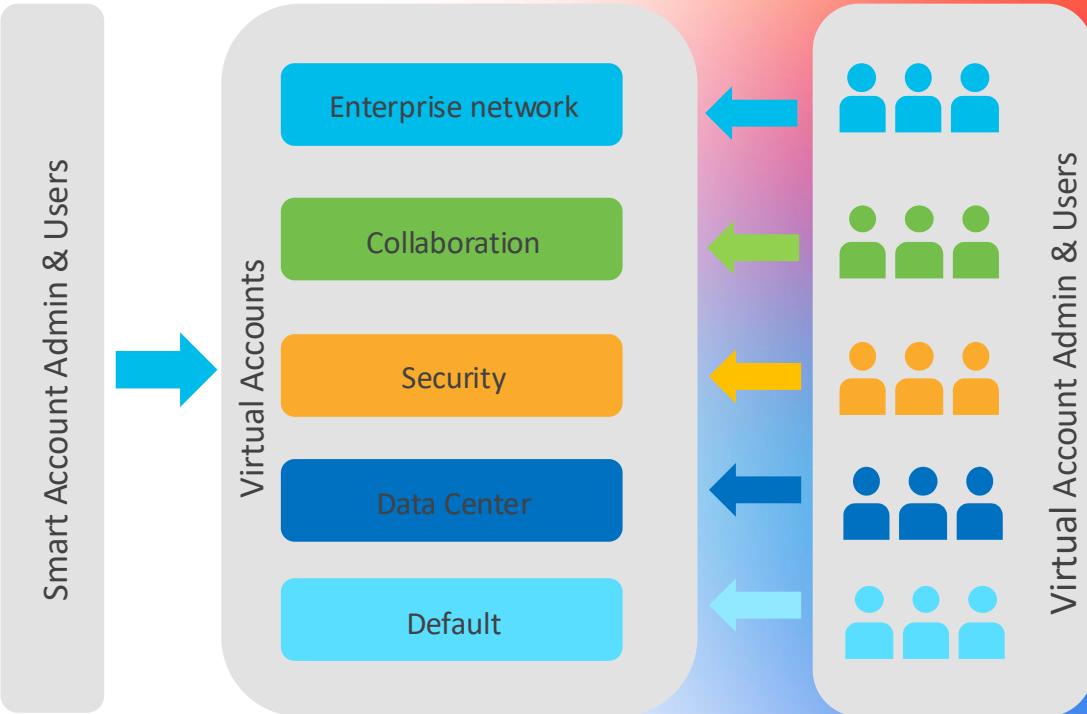


## Nested Virtual Account



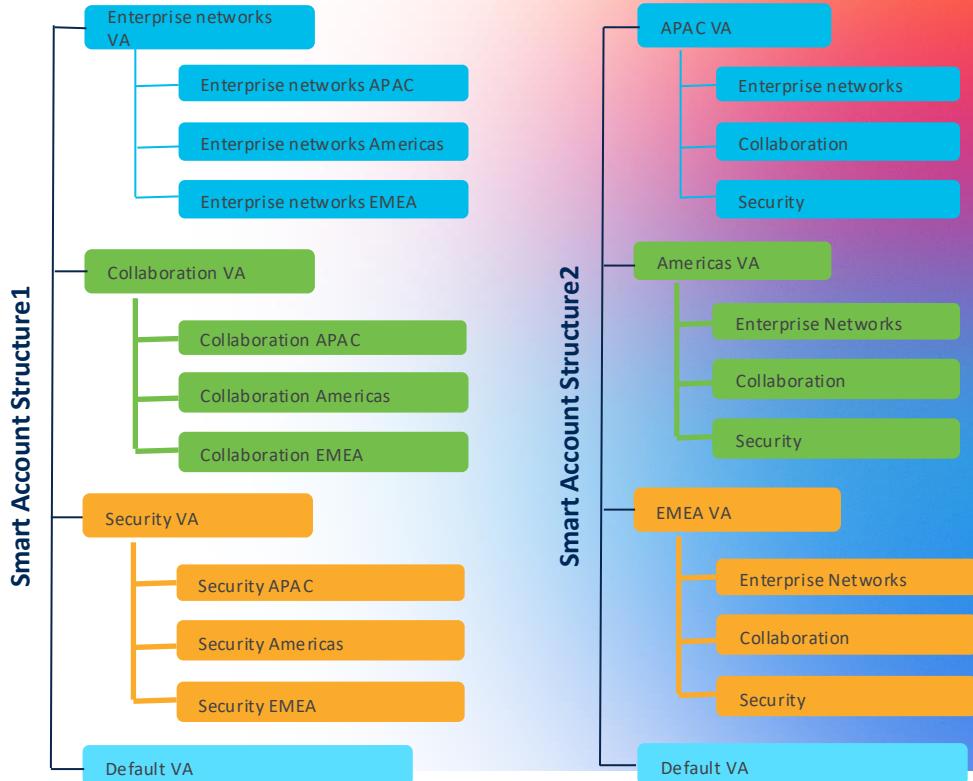
# Flat Virtual Account

- A Flat Virtual Account is a single-level organizational structure within a Smart Account. All Virtual Accounts are on the same hierarchical level, with no sub-accounts or additional layers.
- This structure is suitable for organizations that require straightforward license management without the need for complex hierarchies.
- It allows for easy access and management of licenses across different departments or functions within the same level.

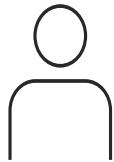


# Nested Virtual Account

- A Nested Virtual Account involves a hierarchical organizational structure, where Virtual Accounts can contain sub-accounts within them. This setup allows for multiple levels of Virtual Accounts within a single Smart Account.
- Nested Virtual Accounts are ideal for larger organizations or those with more complex structures, such as multinational corporations, which require granular control and segmentation of licenses across various divisions, regions, or projects.
- Both structures are designed to improve the management and allocation of licenses, but the choice between Flat and Nested Virtual Accounts depends on the specific needs and complexity of the organization.



# Smart and Virtual Account User Roles



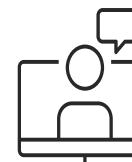
Smart Account Administrator



Smart Account User



Virtual Account Administrator



Virtual Account User



Smart / Virtual Account Viewer

Edit Smart Account properties, add and edit users and Virtual Accounts, view event logs, and manage licenses for the entire Smart Account.

Access all Virtual Accounts and perform licensing activities but cannot create new Virtual Accounts or manage users.

Add and edit users to assigned Virtual Accounts, view event logs for assigned Virtual Accounts, view account agreements, and manage licenses for the assigned Virtual Accounts.

Manage licensing for Virtual Accounts they are assigned to, but they cannot add new users.

Access the Licensing tools and view the content or data but may not have the ability to add, delete, transact or modify.

# Customer Smart Account Roles

## Partner and Customer Smart Account Roles

User Roles	Capabilities in Smart Account	Capabilities in SSM	Capabilities in EA Workspace	Capabilities in LRP	Capabilities in PnP
Smart Account Approver	Only Review Agreements or Notices	No Access	No Access	No Access	No Access
Smart Account Administrator	Edit privileges				
Smart Account User	View Only	Edit privileges	Edit privileges	Edit privileges	No Access
Smart Account Viewer	View Only	View Only	No Access	View Only	View Only
Virtual Account Administrator	Edit privileges for associated VA(s)				
Virtual Account User	View Only for associated VA(s)	Edit privileges for associated VA(s)	Edit privileges for associated VA(s)	Edit privileges for associated VA(s)	Edit privileges for associated VA(s)
Virtual Account Viewer	View Only for associated VA(s)	View Only for associated VA(s)	No Access	View Only for associated VA(s)	View Only for associated VA(s)

# Smart Account Roles

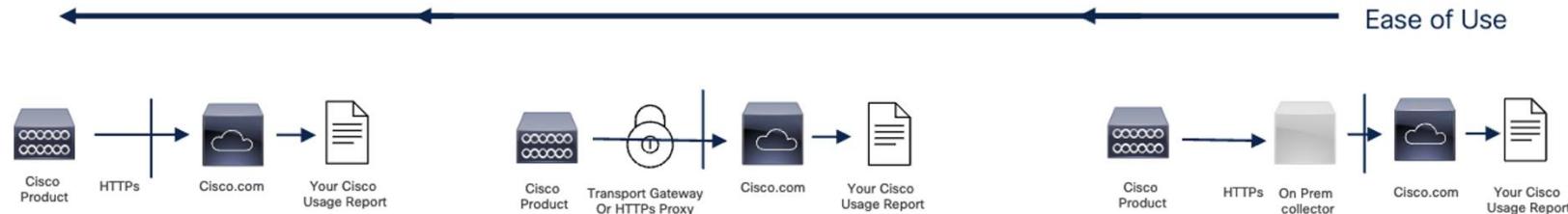
User Roles	Capabilities in CSC	Capabilities in SSM	Capabilities in EA Workspace	Capabilities in LRP
Smart Account Administrator	Edit / View Account Properties Add / Edit / Delete Virtual Accounts Add / Edit / Delete Users (at SA and VA level) View / Accept Agreements/View Event Logs	Can perform all activities in Smart Software Manager at Smart Account Level and Virtual Account Level	Can perform all activities in EA Workspace linked to the Smart Account they have access to	Can perform all activities in LRP linked to the Smart Account they have access to
Smart Account User	View Account Properties View Virtual Accounts View Users (at SA and VA level) View Agreements View Event Logs	Can perform all activities in Smart Software Manager at Smart Account Level and Virtual Account Level	Can perform all activities in EA Workspace linked to the Smart Account they have access to	Can perform all activities in LRP linked to the Smart Account they have access to
Smart Account Viewer	View all smart account administration	Only View Access	The Viewer role does NOT apply to the EA Workspace.	Only View Access
Virtual Account Administrator	View Account Properties View Assigned Virtual Accounts Add / Edit / Delete Users (capability to add Virtual Account Admins or Virtual Account Users) View Agreements View Event logs (restricted to assigned VAs)	Can perform all activities in SSM for the Virtual Accounts they have access to	Can perform all activities in EA Workspace linked to the Virtual Account they have access to	Can perform all activities in LRP linked to the Virtual Account they have access to
Virtual Account User	View Account Properties View Assigned Virtual Accounts View Users (only those linked to assigned VAs) View Agreements View Event Logs (restricted to assigned VAs)	Can perform all activities in SSM for Virtual Accounts they have access to	Can perform all activities in EA Workspace linked to the Virtual Account they have access to	Can perform all activities in LRP linked to the Virtual Account they have access to
Virtual Account Viewer	View all administration within assigned VA's	Only View Access	The Viewer role does NOT apply to the EA Workspace.	Only View Access

# Demo

CLC – GUI, SA, VA, Users

Komunikace  
Zařízení -> SA

# Smart Licensing Deployment Methods - Connected



## Direct cloud access

Cisco product sends usage information directly over the internet, no additional components needed.

## Direct cloud access through an HTTPS proxy

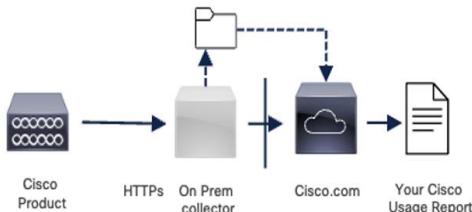
Cisco Products send usage information over the internet via a Proxy Server-Smart Call Home Transport Gateway (Free VM Download) or off-the-shelf Proxy (such as Apache).

## Mediated access through an on-premise collector

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.

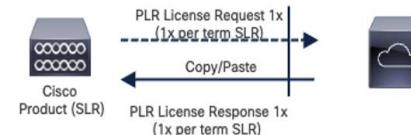
Secure → Ease of Use →

# Smart Licensing Deployment Methods - Disconnected



Mediated access through an on-premise collector – optional 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 either connected or disconnected to keep the databases in sync.



**SLUP**  
License Reservation: (PLR/SLR)

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



# 07.06.2022 Smart licensing prakticky

Link: [Cisco Tech Club webináře](#)

# Objednavkovy process

# SMART LICENSING WORKFLOW



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

# How to get licenses to Smart Account

Specify during order

## Assign Customer Smart Account

### Smart Account Types

End Customer Smart Account 1

### End Customer Smart Account

Reset

Domain Identifier ▼ internaltestdemoaccount11.cisco.com InternalTestD

### Virtual Account Name

PRG2-LAB

OR

+ Request New Customer Smart Account

### Suggested Smart Accounts for End Customer

Account Name	Status
<input type="radio"/> GSSO GES SOUTH TEAM	ACTIVE
<input type="radio"/> INTERNALTESTDEMOACCOUNT3....	ACTIVE
<input type="radio"/> TAC CISCO SYSTEMS, INC.	ACTIVE
<input type="radio"/> INTERNALTESTDEMOACCOUNT1....	ACTIVE
<input type="radio"/> DCLOUD CISCO INTERNAL ACC...	ACTIVE
<input type="radio"/> INTERNALTESTDEMOACCOUNT11...	ACTIVE

Set the Smart Account at Order Level

Assign

Cancel

# How to get licenses to Smart Account

Specify during order

 6.0 **AIR-AP4800-E-K9**  

.11ac W2 Analytics AP w/CA; 4x4:3; Location; mGig -E  
Domain [more](#)

**SMART ACCOUNT**  
internaltestdemoaccount11.cisco.com PRG2-LAB[Customer Account]

 **ECCN 5A002.A**

 **This product is on Pre-Launch Hold (PLH).  
There is no restriction on Quoting or Ordering PLH products.**

Valid as of 27-Sep-2018 04:18 PDT

[Edit options](#) | [Change Service/Subscription](#) | [Validate](#) | [Add Note](#) | [More Actions](#) 

# Orders

Přidávat SA a VA do objednavek = jednodussi zivot

Tier 1 => HW + LIC + Subs  
startu

SA+VA

Odložení

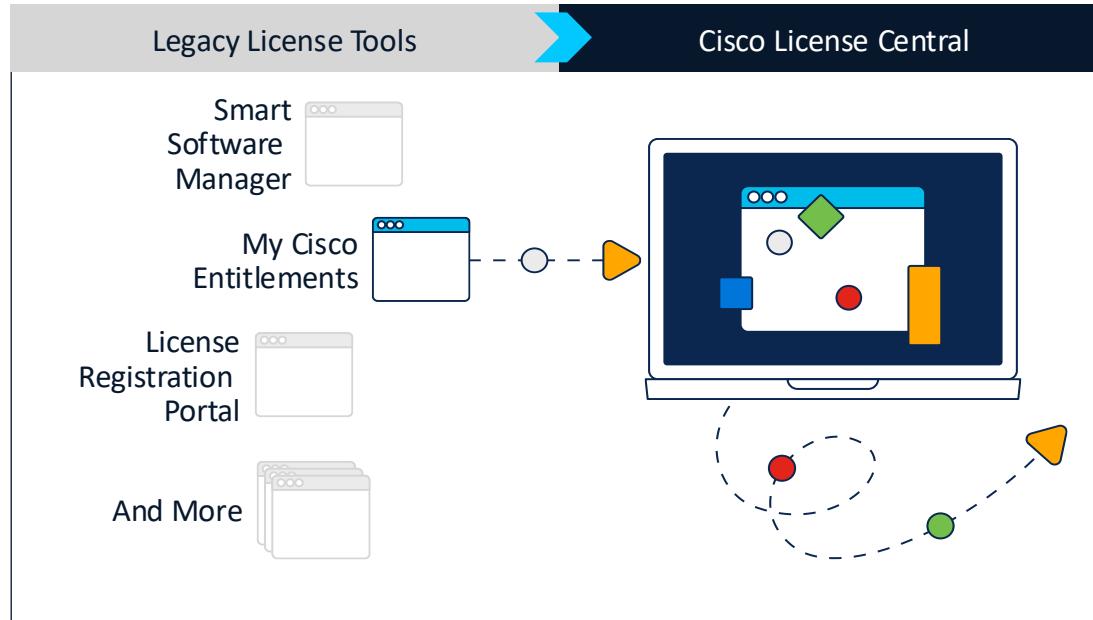
Disti-order => HW + LIC | Subs      Disti Stock  
-> Subs objednane samostatne  
-> Licence dodany po prihlášení zařízení do SA

# Cisco License Central

# Cisco License Central

Next gen license management tool built on Smart Accounts

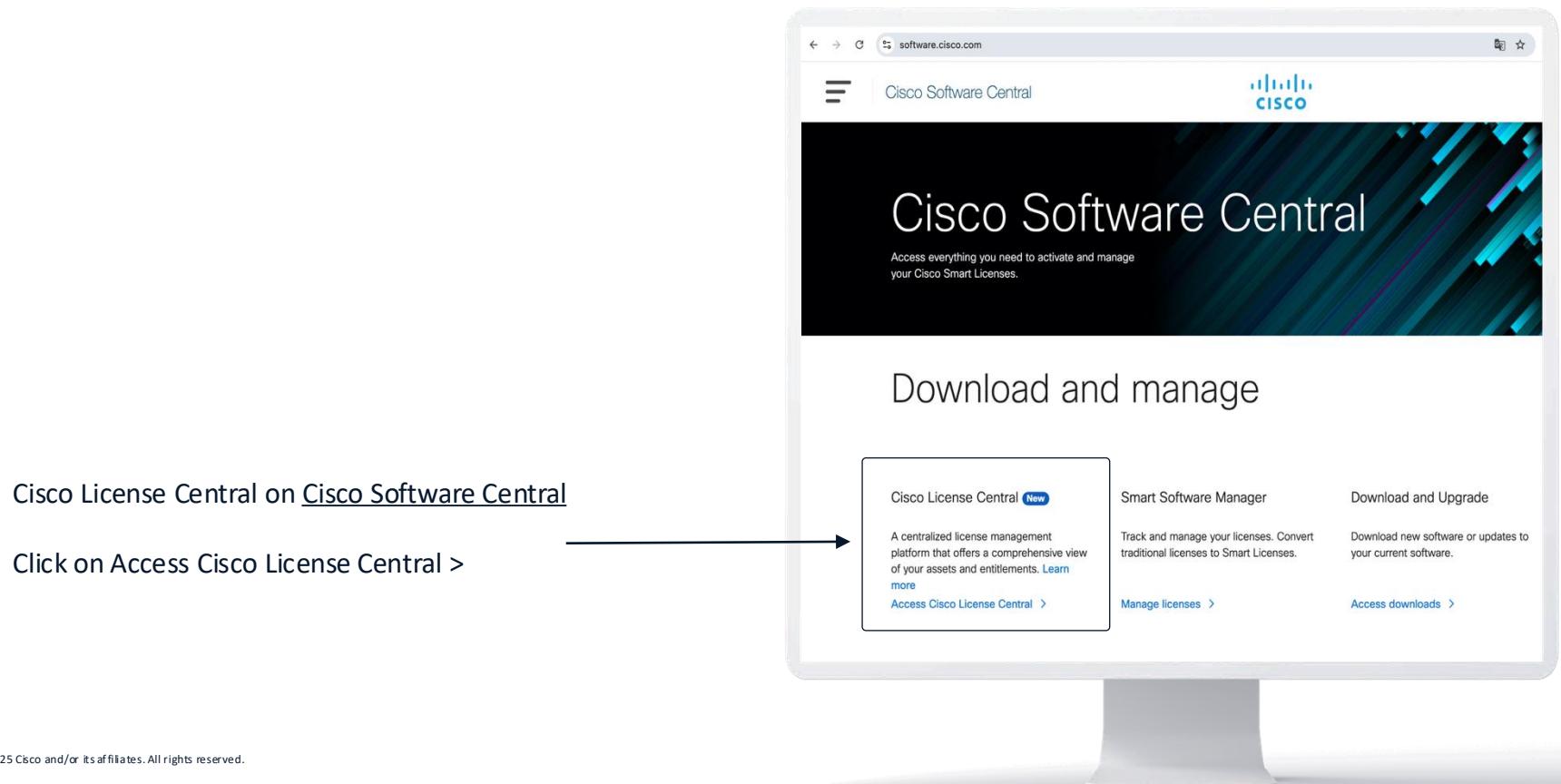
Streamlined license management, single view and enhanced user experience



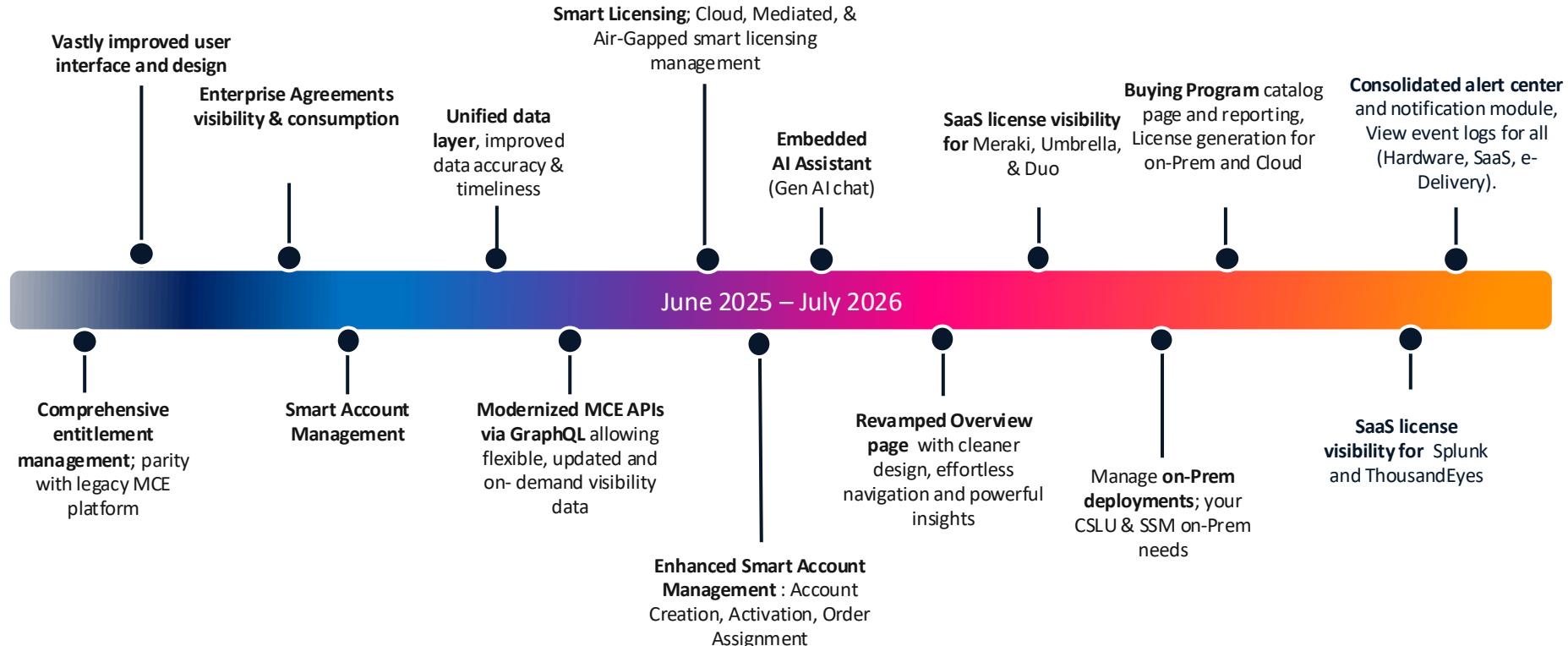
## Why Cisco License Central?

1. Unified license management platform
2. Combines entitlements, devices & subscriptions
3. Improves visibility & asset tracking
4. Flexible account/device management
5. Automated issue resolution
6. Modern, user-friendly interface

# Where to Access Cisco License Central?



# Cisco License Central Roadmap



 License Central

Smart Account  
BU Production Test 1

Virtual Account  
All selected >

Overview

Licensing

Contracts & Subscriptions >

Devices >

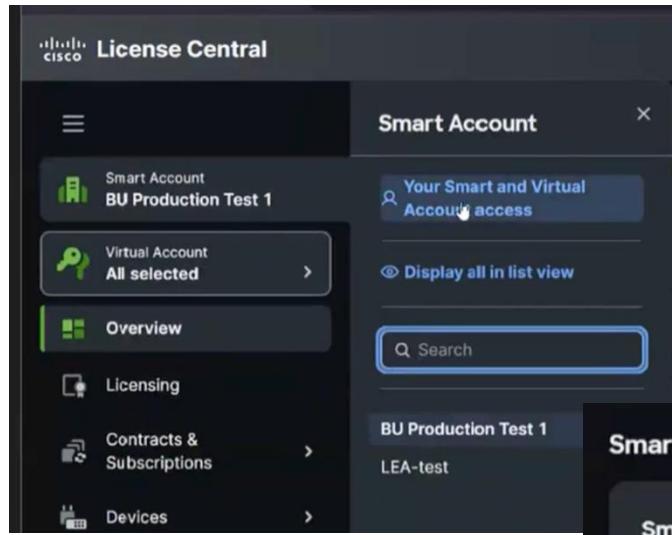
Smart Account

Your Smart and Virtual Account access

Display all in list view

Search

BU Production Test 1  
LEA-test



Request access to Smart Account not listed below

Account domain identifier \*

lea-demo.cisco.com|

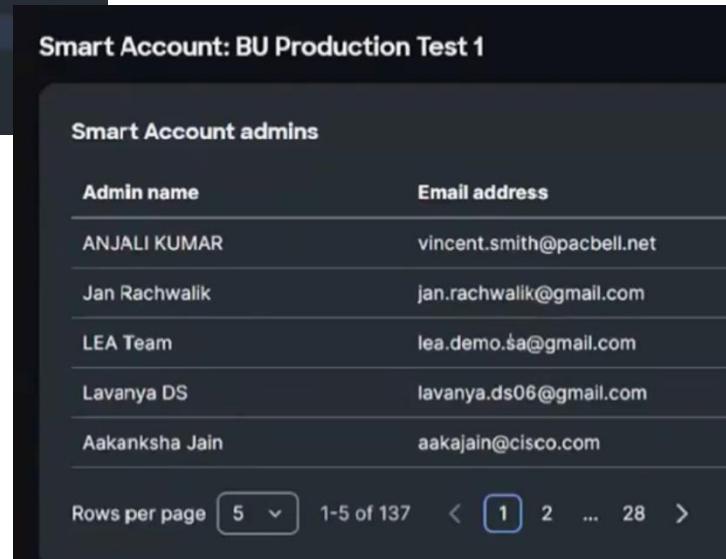


### Smart Account: BU Production Test 1

#### Smart Account admins

Admin name	Email address
ANJALI KUMAR	vincent.smith@pacbell.net
Jan Rachwalik	jan.rachwalik@gmail.com
LEA Team	lea.demo.sa@gmail.com
Lavanya DS	lavanya.ds06@gmail.com
Aakanksha Jain	aakajain@cisco.com

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# Demo

Cisco License Central –

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

# Locate license

asklicensing.cisco.com

## Cisco Ask Licensing Bot

Self-serve experience to connect Cisco Customers, Partners, and Sales  
Community with Cisco Software Licensing Support.

### Get Started

 Chat in Webex App

 Chat via Web

Note: "Chat in Webex App" requires a Webex account and is for limited time.

 Search

Guided Menu

**Briefly share your issue here in 5+ words.**

e.g. I need access to a Smart Account



04:08:57

 Submit

 End My Session

### Cisco Licensing

For questions related to Cisco licensing, including smart or classic license models, and on Prem capabilities

### Automated Tasks

List of tasks that I can handle for you

- Find My License
- Add Users to Smart/Virtual Account
- Remove Users from Smart/Virtual Account
- Modify Users in Smart/Virtual Account
- Create Virtual Account
- Generate Token
- Order Provisioning Status
- PAK Conversion
- Smart Account Access Request
- Transfer Licenses between Virtual Accounts

# Licensing functionalities Integrated in Cisco License Central

S.no.	Category	Description/Sub-category	Availability in Cisco License Central
1	Account Dashboard and Insights	Dashboard and insights of Devices, Licenses, Services & Subscriptions	Yes
		Expiring Services and Subscriptions	Yes
		Devices Covered and Uncovered	Yes
		Devices Last Day of Support	Yes
2	History	History of transactions initiated from the portal	Yes
3	Global Search	Search across portal for licenses, devices, services and subscriptions	Yes
4	Let me guide you	Contextual help while navigating through the portal	Yes
5	Transactional Capabilities	eDelivery License and SW download	Yes
		Edit Account (Virtual Account) assignment for Licenses, Devices, Services & Subscriptions	Yes
		Order sharing via OBA	Yes
		EA Workspace related transactional capabilities, Buying Programs view	In Future
		Version Upgrade	*No
6	Common Capabilities	Export into Excel & PPT: Account level Insights, Summary, Details in devices, licenses, subs. & support modules, Module level search and filters	Yes
7	Device Management	Tag devices as “validated” within a virtual account, Release licenses (Bulk and single devices)	Yes
8	Smart Account Administration	Virtual Account creation, User/User group management, Manage Account, Access Directory, Request Access to an existing SA,SA-level Licensing usage view.	Yes
9	OnPrem Capabilities	OnPrem account handling and registration	Yes
10	Smart Licensing Capabilities	Token Management, License and Devices transfer, Conversion from traditional to Smart licenses, Event History, License and Email notification settings	Yes

# Cisco License Central Resources



## Self Serve

[Ask Licensing](#)  
[Licensing Support Site](#)  
[Licensing Hub](#)



## Webinars

Register [here](#)



## 1:1 Training

Reach out to your Sales POC



## Support case

Open a case [here](#)



# Děkujeme za Vaši pozornost

Následující Tech Club webinář:

**03.02. Cisco Cloud Networking**

Přednášející: Stanislav Kraus

Registrovat se můžete na oficiálním webu **Cisco Tech Club webináře**



Následující webinář



Tech Club portál



TechClub Webex Space

