

Welcome, we will begin shortly

# Smart Account & Smart Licensing

Speakers – Jamie Katayama, Senthil Arumugam  
Partner Enablement Operations

July 6, 2022



This session will last approximately one hour.



All lines are muted.



Q&A Panel – address to all panelists.



Session will be recorded.



Please complete the Exit Survey before leaving the training session.

# PIW – Smart Account & Smart Licensing



Today's host:

Sara Azevedo

EA Enablement Specialist  
EMEAR CX Partner Enablement  
Cisco

July 6, 2022

# Smart Account & Smart Licensing

Today's speakers:



Senthil Kumar  
Arumugam

Partner Operations Enablement  
Lead  
Cisco

Jamie Katayama

Partner Operations Enablement  
Lead  
Cisco





# Agenda

## Smart Account Basics & Management

1. What is Smart Account?
2. How to manage Smart Accounts
  - Property
  - Virtual Accounts
  - Users

## License Management

- Alerts
- Reports
- Preferences
- On-Prem accounts
- Move licenses between SAs & Virtual Accounts
- Smart Licensing vs traditional licensing
- Convert traditional licenses into Smart Licenses

## Smart Licensing Deployment Methods

- Smart Licensing when direct access to the Cisco cloud is not allowed.
- Smart Software Manager On-prem “Satellite”
  - Specific License Reservation (SLR) and Permanent LR (PLR)
  - **Smart Licensing Using Policy**

## Smart Account Basics & Management

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# Smart Account Basics and Management

1. Smart Account Overview
  - What is Smart Account?
  - Smart Account types:  
Customer Account vs Holding Account
2. Managing Smart Accounts
  - Virtual account structure
  - Collected data: License, order, and usage
3. Benefits of Smart Account
4. How to get a new Smart Account
  - Smart Account in ordering
5. Private/Public settings in Smart Account

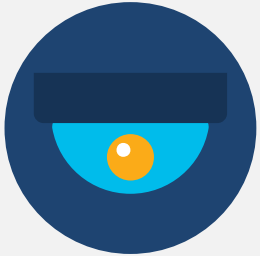
# Accessing Smart Licenses starts with a Smart Account



Cisco Smart Account

Smart Accounts are Foundational to Smart Licensing

# Smart Accounts Enable Easy Access & Control



- Central, transparent & secure
- Real-time visibility
- Easy & secure delivery



- Low-touch keyless license
- Customer defined controls



- User access control
- Licenses belong to a single account, not individual users
- Flexible license allocation through pooling



- Proactive coverage with automated notifications of additions & expirations
- Full visibility & insights to inform purchasing & renewal decisions

# Smart Account Types



## Customer Smart Account

- Where licenses are deposited and managed
- Can be managed by customer directly, designated VAR or authorized party through CSSM or LRP



## Partner Holding Account

- Partner or reseller store smart enabled products temporarily, before depositing them into an end customer Smart Account.
- **Note:** It is recommended that partners deposit licenses directly into the Customer Smart Account because licenses can only be consumed in the Customer Smart Account

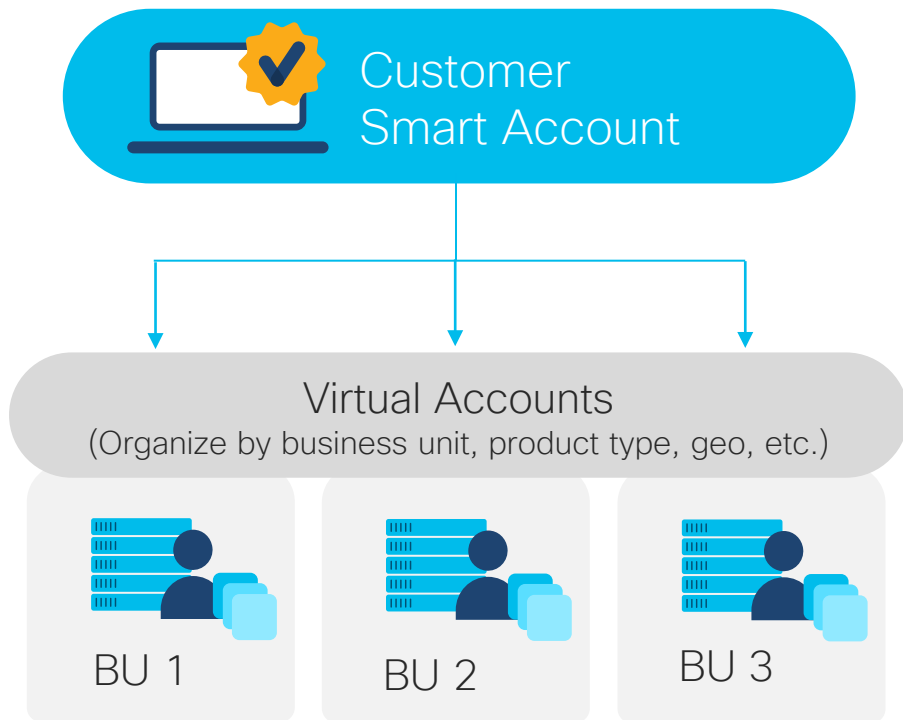
## Virtual Accounts

(Organize by business unit, product type, geo, etc.)



# Virtual Accounts

Create Asset Pools with your Smart Accounts using Virtual Accounts



Organize your licenses the way you want with Virtual Accounts

Virtual Accounts can be set up by business unit, product, geography or other destination - you decide what works best for your organization.

**The result:** Better utilization and more efficient planning.

# What Data Can You Get from your Smart Account?

## License Information

Assets you currently own, etc.



## Order Information

Asset acquisition details, applicable regions, etc.



## Usage Information

Devices that are currently leveraging assets & remaining assets.





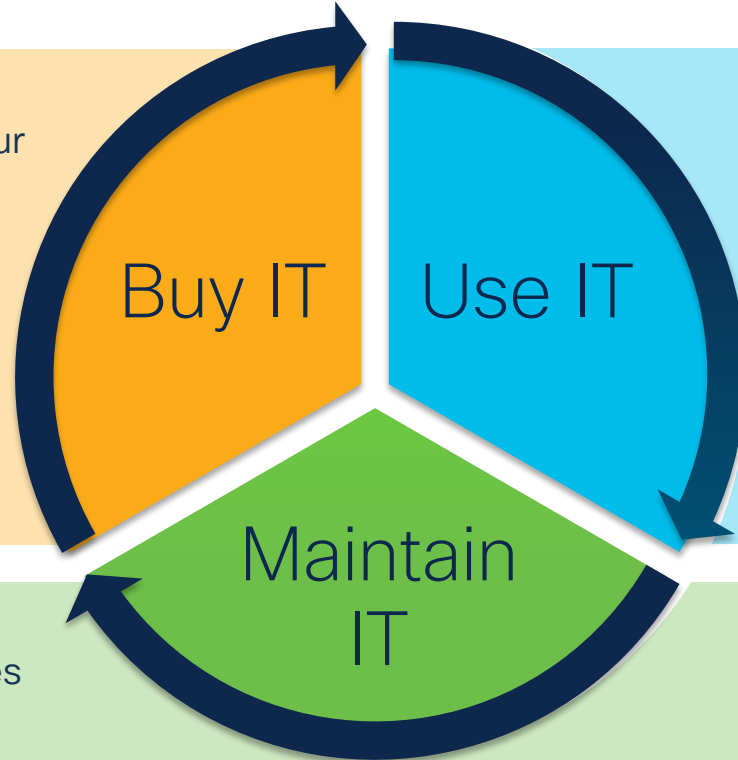
# Smart Accounts help throughout the IT Lifecycle

All your new purchases and subscriptions, delivered to your Company's Digital Wallet

Automated Notifications of Additions, Renewals, and Expirations

See 'What do I Own?' all in one place

Always have the Access you need to know which purchases you may need next



Provide ability to deploy Cisco Products to anybody who needs it

See 'What am I Using?' all in one place

Always have the Access you need to maintain your inventory

# Benefits to Customers



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

# Benefits to Partners

Be the hero with Cisco Smart Accounts.

- Simple activation & management make **Cisco Software easier to sell**.
- With customer consent, you can **manage Smart Accounts on your customer's behalf** and visibility enables **upsell opportunities**.
- **Monetize value added services** for managing customer licenses and devices through Smart Accounts.
- Provides a mechanism to **improve customer relationships**.

**Build customer loyalty & differentiate from other Partners**



# How to get a Smart Account



## Request a Smart Account

1

Go to Cisco Software Central – [software.cisco.com](https://software.cisco.com)

2

Select “Request a Smart Account for your Customer”

3

Automatic email is sent to Customer SA administrator



## Request access to an existing SA

1

Go to Cisco Software Central – [software.cisco.com](https://software.cisco.com)

2

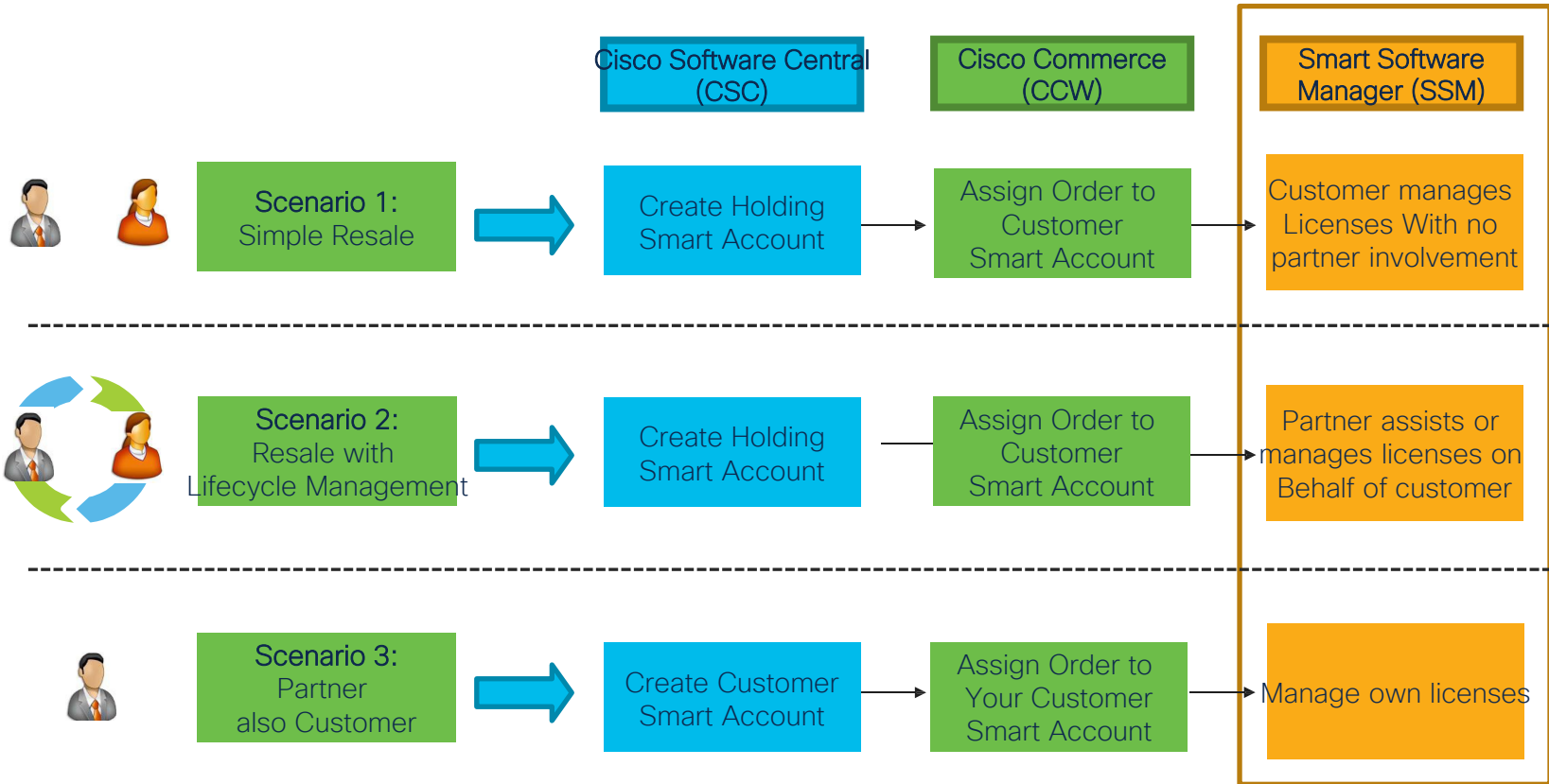
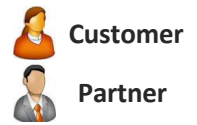
Select “request access to an existing smart account”

3

Enter Domain to notify administrators

Access smart licensing, classic PAK licensing & Enterprise Agreement licensing through the normal licensing portals

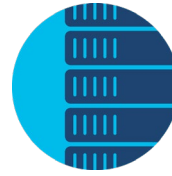
# Smart Licensing Ordering Scenarios



# Key Takeaways



Licenses



Devices



Agreements



Users & Roles



## Smart Account is a 'container'

- 1) It contains your Cisco Licenses, Devices, Agreements, and user & role settings.
- 2) To view your assets, you access the different Cisco platforms.



## Two types of Smart Accounts

Customer Smart Account and Holding Smart Account.



## Smart Account Best Practice

- 1) Organize the licenses and devices by virtual accounts.
- 2) Licenses and devices cannot be transferred across Smart Accounts.
- 3) In CCW, select Customer Smart Account and also assign a specific virtual account.

*Quiz Time*



# Quiz 1



Which statement about Smart Account is true?

- A. *Customer Smart Account can be used to permanently store and consume licenses*
- B. *Partner Holding Account can be used to consume licenses*
- C. *Customer Smart Account are meant for temporary storage of licenses*
- D. *All the above*





# Quiz 1 Answer

Which statement about Smart Account is true?

- A. *Customer Smart Account can be used to permanently store and consume licenses*
- B. *Partner Holding Account can be used to consume licenses*
- C. *Customer Smart Account are meant for temporary storage of licenses*
- D. *All the above*



## Quiz 2

Which statement about access is true?

- A. *Partners get default access to Smart Account*
- B. *Customer provides access to Partner*
- C. *Both Partner and Customer get default access to Smart Account*



## Quiz 2 Answer

Which statement about access is true?

A. *Partners get default access to Smart Account*



B. *Customer provides access to Partner*

C. *Both Partner and Customer get default access to Smart Account*



# More resources about Smart Account

[Quick cheat sheet](#)  
[Connecting Dots – SA and SL Learning Series](#)



## VOD: [Smart Account creation](#)

- How to create a Smart Account
- How to access to an existing Smart Account



## VOD: [Introduction to Virtual Account](#)

- Virtual Account overview
- Benefits and best practice



## Guide: [How to manage Smart Account](#)

- User, user groups, and roles
- Custom tags
- Account agreements and access requests



## Guide: [Partner-centric SA & SL FAQ](#)

- Partner Holding Account
- Smart Account & Smart licensing for partners



## VOD: [How to create an order in CCW](#)

- How to assign Smart Account to both Smart licenses and classic, which is PAK-based

## Smart Account Basics & Management

1. What is Smart Account?
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## License Management

1. Alerts
2. Reports
3. Preferences
4. On-Prem accounts
4. Move licenses between SAs & Virtual Accounts
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6. Convert traditional licenses into Smart Licenses

## Smart Licensing Deployment Methods

- Smart Licensing when direct access to the Cisco cloud is not allowed.
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# Smart Licensing Basics

## 1. Smart Licensing

- Other asset types in Smart Account
- Getting started with Smart Software Manager (SSM)

# Access and Manage Cisco Software Licenses

## Smart Account

Establish Account | Set up Virtual Accounts, users, groups, access levels

Type of License >	PAK Licenses	Smart &/or Hybrid Licenses	Enterprise Agreement	RTU Licenses
Use this tool >	<u>LRP</u>	<u>CSSM</u>	<u>EA Workspace</u>	Customer System
To do this >	<ul style="list-style-type: none"><li>• Generate license</li><li>• Port licenses</li><li>• Convert hybrid to smart</li><li>• Reassign to different virtual accounts/user/device/access</li></ul>	<ul style="list-style-type: none"><li>• Generate token</li><li>• Convert hybrid to smart</li><li>• Reassign to different virtual accounts/users/device/access</li><li>• Portability &amp; node lock</li></ul>	<ul style="list-style-type: none"><li>• Generate token</li><li>• Reassign to different virtual accounts/users/device/access</li><li>• Portability &amp; node lock</li></ul>	<ul style="list-style-type: none"><li>• Locally manage software license on customer system</li></ul>

Smart Accounts are foundational to managing software licenses

# Getting Started with SSM

- **SSM** provides a Software Inventory Management System that provides Customers, Cisco, and Selected Partners with information about Software Ownership and Software Utilization for **Smart Licenses**
- Only Smart Licenses deposited in Customer Smart Accounts are managed in SSM
  - Manage inventory from one centralized website
  - Organize and view licenses in groups called virtual accounts
  - Transfer Licenses easily between virtual accounts

## Ownership

Commerce  
(CCW)



I Have Purchased 5 additional  
'Advanced' Licenses for BigU.edu

'Smart'  
Account



BigU.edu

BigU.edu	
I Own:	10 +5
I am Using:	10 +1

## Usage

Cisco  
Product



Hello, I am Device-East5, I belong to BigU.edu  
and I am using 1x Advanced License

Hello, You are Device-East5, belonging to  
BigU.edu and the Physics department  
you are 'In-Compliance'



# Smart Licensing Management in Smart Software Manager (SSM)

1. Smart License management
  - Basic portal navigation
  - Alerts
  - Inventory & token generation
  - License transfer
  - Product Instances
2. Licensing management
  - Reports
  - Preferences
  - On-Prem (Satellite)
  - Activity
  - Feedback & virtual support

# Basic Portal Navigation

## New Multiple Accounts

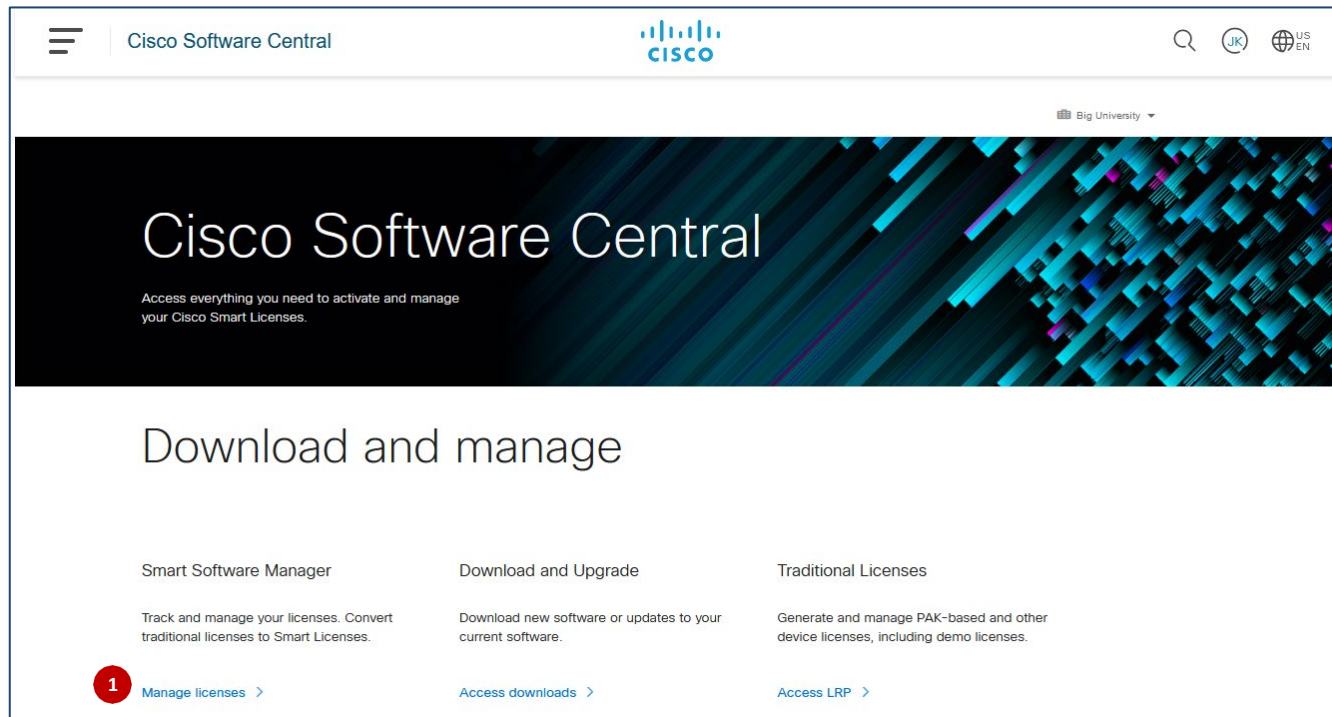
www.software.cisco.com

- 1 If you have access to multiple Customer Smart Accounts, you can click on the arrow next to SA name.
- 2 From the drop-down, you can view your Smart Accounts on the list.
- 3 You can also Display All in List View, which prompts a pop-up.

The screenshot displays the Cisco Software Central user interface. At the top, there is a navigation bar with the Cisco logo, a search icon, and user information (JK and US EN). Below the navigation bar, a dark banner features the text "Cisco Software Central" and "Access everything you need to activate and manage your Cisco Smart Licenses." A dropdown menu is open for the "Big University" account, showing a list of Smart Accounts: "Cisco Demo Smart Account", "InternalTestDemoAccount4.cisco.com", and "InternalTestDemoAccount7.cisco.com". A "Display All in List View" option is also visible. Below the banner, the page is titled "Download and manage" and contains three main sections: "Smart Software Manager" (with a "Manage licenses >" link), "Download and Upgrade" (with an "Access downloads >" link), and "Traditional Licenses" (with an "Access LRP >" link).

# Basic Portal Access

- 1 From [Cisco Software Central \(CSC\)](#), click **Smart Software Licensing**.



The screenshot shows the Cisco Software Central portal. At the top, there is a navigation bar with the Cisco logo, a search icon, and language selection options (JK and US EN). Below the navigation bar, there is a header section with the text "Cisco Software Central" and a sub-header "Access everything you need to activate and manage your Cisco Smart Licenses." The main content area is titled "Download and manage" and contains three columns of information:

Smart Software Manager	Download and Upgrade	Traditional Licenses
Track and manage your licenses. Convert traditional licenses to Smart Licenses.	Download new software or updates to your current software.	Generate and manage PAK-based and other device licenses, including demo licenses.
<b>1</b> <a href="#">Manage licenses &gt;</a>	<a href="#">Access downloads &gt;</a>	<a href="#">Access LRP &gt;</a>

# Basic Portal Navigation

- 1 The Smart Software Manager has 7 tabs and provides visibility to Alerts. You can view all major and minor alerts. At the Virtual Account and Smart Account Level, when license expiration alert messages are generated for licenses that are part of a subscription, the word 'term' is added after the license type.
- 2 Throughout the tool, click the export icon to download the information in that tab.

Cisco Software Central > Smart Software Licensing

Smart Software Licensing

Alerts | Inventory | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | Activity

Alerts

4 Major 8 Minor 2 Informational

Export icon

Sev	Message	Source	Action Due	Actions
✖	Insufficient Licenses - The Virtual Account "DEFAULT" has a shortage of Stage22 licenses. 1 license is required to return to complian...	DEFAULT	Now	Actions ▾
✖	Insufficient Licenses - The Virtual Account "DEFAULT" has a shortage of CSR 1KV APPX 500M licenses. 1 license is required to retu...	DEFAULT	Now	Actions ▾
✖	Insufficient Licenses - The Virtual Account "DEFAULT" has a shortage of CSR 1KV APPX 10M licenses. 1 license is required to retur...	DEFAULT	Now	Actions ▾
✖	Duplicate Licenses - 2 instances of the license "CSR 1KV IP BASE 10G" are assigned to the Virtual Account "VA_Usage". The 2 dupli...	VA_Usage	Now	Actions ▾
⚠	Licenses Expiring - 2 CSR 1KV IP BASE 10M term licenses in the Virtual Account "VA_Dest" are set to expire in 24 days on Sep 21, ...	VA_Dest	24 days	Actions ▾
⚠	Licenses Expiring - 8 CSR 1KV IP BASE 10M term licenses in the Virtual Account "DEFAULT" are set to expire in 24 days on Sep 21, ...	DEFAULT	24 days	Actions ▾
⚠	Licenses Expiring - 10 CSR 1KV AX 100M term licenses in the Virtual Account "DEFAULT" are set to expire in 44 days on Oct 11, 2018	DEFAULT	44 days	Actions ▾
⚠	Licenses Expiring - 1 CSR 1KV CSR 2.5G STD term license in the Virtual Account "DEFAULT" is set to expire in 45 days on Oct 12, 2...	DEFAULT	45 days	Actions ▾
⚠	Licenses Expiring - 1 CSR 1KV CSR 2.5G PRM term license in the Virtual Account "DEFAULT" is set to expire in 45 days on Oct 12, ...	DEFAULT	45 days	Actions ▾
⚠	Licenses Expiring - 1 CSR 1KV STD 5G term license in the Virtual Account "DEFAULT" is set to expire in 45 days on Oct 12, 2018	DEFAULT	45 days	Actions ▾

Showing Page 1 of 2 (14 Records)

# Alert

## Major, Minor & Informational Minor

- 1 View alerts for the entire Smart Account in one location.
- 2 Major alerts are **red**, Minor alerts are in **yellow** and Informational alerts are **light blue**.
- 3 Click **Action** to resolve any issues or dismiss minor/informational alerts.
- 4 View alerts by Virtual Account in the Inventory tab. Click Header level icon to expand message.

When viewing the Alerts Page, the alerts are sequenced in the following order: **Major**, **Minor** and **Informational**.

Any license or product instance that is not in compliance with the licensing agreement creates an alert. (e.g. more licenses in use than purchased)

**\*NOTE: SL using policy is only applicable for IOS-XE version 17.3.2/17.4.1 and above.**

Cisco Software Central > Smart Software Licensing

Smart Software Licensing

Alerts | Inventory | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | Activity

Alerts

4 Major 5 Minor 2 Informational

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✖	Insufficient Licenses - The Virtual Account "DEFAULT" has a shortage of Stage22 licenses. 1 license is required to return to complian...	DEFAULT	Now	Actions
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⚠	Licenses Expiring - 8 CSR 1KV IP BASE 10M term licenses in the Virtual Account "DEFAULT" are set to expire in 24 days on Sep 21, ...			

At the Virtual Account and Smart Account Level, when license expiration alert messages are generated for licenses that are part of a subscription, the word 'term' is now added after the license type.

Cisco Software Central > Smart Software Licensing

Smart Software Licensing

Alerts | Inventory | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | Activity

Virtual Account: DEFAULT

3 Major 7 Minor 2 Informational Hide Alerts

⚠	Licenses Expiring - 8 CSR 1KV IP BASE 10M term licenses in the Virtual Account "DEFAULT" are set to expire in 24 days on Sep 21, 2018	Actions Action Due: 24 days
⚠	Licenses Expiring - 10 CSR 1KV AX 100M term licenses in the Virtual Account "DEFAULT" are set to expire in 44 days on Oct 11, 2018	Actions Action Due: 44 days

# Inventory    General

- 1 In the Inventory – General Tab, view Virtual Account details for the selected Virtual Account.
- 2 You can also generate tokens to register new product instances to the Virtual Account.  
*See Product Instance Section for more details.*

The screenshot displays the Cisco Software Central interface for Smart Software Licensing. The breadcrumb trail is "Cisco Software Central > Smart Software Licensing". The page title is "Smart Software Licensing" with links for "Feedback", "Support", and "Help". A navigation bar includes "Alerts", "Inventory", "Convert to Smart Licensing", "Reports", "Preferences", "On-Prem Accounts", and "Activity". A dropdown menu for "Virtual Account" is set to "1\_EMEAR Demo", which is highlighted with a red box and a red circle labeled "1". Below this are tabs for "General", "Licenses", "Product Instances", and "Event Log", with "General" selected. The "Virtual Account" section shows "Description: 1\_EMEAR Demo" and "Default Virtual Account: No". The "Product Instance Registration Tokens" section includes the text "The registration tokens below can be used to register new product instances to this virtual account." and a "New Token..." button, which is highlighted with a red box and a red circle labeled "2". Below the button is a table with columns "Token" and "Description", containing two rows of tokens: "ZWFmNTk2YmQtMD" and "ZWRhMjNhMGEIZDM".

**Remember:** A Virtual account is a subset of a Smart Account used to internally organize licenses

**\*NOTE: SL using Policy will not require any token registration**

# Inventory General

- 1 You can toggle between Virtual Accounts in the Inventory Section by clicking the arrow and selecting a different Virtual Account.
- 2 You can use the **Type Down** search **by Name** or **by Tag** to select a **Virtual Account**. This makes it easier to switch between Virtual Accounts.

Cisco Software Central > Smart Software Licensing

## Smart Software Licensing

Alerts | **Inventory** | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | Activity

Virtual Account: 1 DLC\_ALERTS\_ISSUE\_1

General | Licenses

Virtual Account

Virtual Account	Count
11DLC_ALERTS_I...	6
123Upgrade	61
1_LICENSE_UPGR...	13
1_Upgrade_demo	16
1UPGRADE_VA1	10
2_LICENSE_UPGR...	29
2_Upgrade_demo	43
2UPGRADE_VA2	41
3_Upgrade_demo	11
4_Upgrade_demo	5
AHA_1	1

Cisco Software Central > Smart Software Licensing

## Smart Software Licensing

Alerts | **Inventory** | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | Activity

Virtual Account: 1 EMEAR Demo

General | Licenses

Virtual Account

Default Virtual Account: No

### Default Virtual Accounts

- Indicated with Blue Star Icon
- If items were assigned to the overall Smart Account and not a specific Virtual Account, licenses will be deposited into the default Virtual Account.
- Before setting up Virtual Accounts in CSC, all Smart Licenses will display in the default account in the Licenses tab.

# Inventory Licenses

1 From the Licenses tab, view license inventory, license usage, which licenses have a surplus or shortage, and alerts. This keeps you informed on your licenses and actions needed to maintain compliance.

2 Alerts at line level indicate when licenses are expiring soon, so you know when to renew licenses. It will also notify you if you have insufficient licenses or if there is an upgrade pending. This will ensure you remain in compliance.

The screenshot displays the Cisco Software Central interface for Smart Software Licensing. The 'Licenses' tab is selected and highlighted with a red box. A table lists four licenses with their respective billing, purchased, in use, and balance information. Alerts are shown in the 'Alerts' column: 'Upgrade Pending' for the first license and 'Licenses Expiring' for the last license. A red box highlights the table area, with a '1' in a red circle pointing to the table header and a '2' in a red circle pointing to the alert icons.

License	Billing	Purchased	In Use	Balance	Alerts	Actions
ISR G2 1941 NES	Prepaid	6 (+208 pending)	0	+6	Upgrade Pending	Actions
Nita CUWL ET	Prepaid	43	17 (17 Reserved)	+26		Actions
Restricted Entitlement Test2	Prepaid	86	0	+86		Actions
Restricted Universal Test1	Prepaid	1225	0	+1225	Licenses Expiring	Actions

Insufficient License Alerts occur when more licenses are in use than are purchased. To remedy this issue:

- Transfer available licenses from another Virtual Account
- Purchase more licenses to return to compliance



# Inventory Licenses - Details

- 1 Click on a license to view more details:
- 2 In the pop-up window, you can see 4 tabs: **Overview** (Virtual Account usage, License expiration), **Product Instances**, **Event Log**, and **Transaction History**.

Cisco Software Central > Smart Software Licensing

OVERSTOCKCOM INC

## Smart Software Licensing

Feedback Support Help

Alerts | **Inventory** | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | Activity

Virtual Account: DEFAULT

Minor Hide Alerts

General **Licenses** Product Instances Event Log

Available Actions Manage Tags License Reservation

Search by License

License	Billing	Purchased	In Use	Balance	Alerts	Actions
<input type="checkbox"/> ASR 9000 Infrastructure VRF LC License. Support up to 8 VRFs	Prepaid	64	0	+64	Licenses Expiring	Actions
<input type="checkbox"/> C9300 48P DNA Advantage	Prepaid	1	1 (1 Reserved)	0		Actions
<input type="checkbox"/> C9300 48P NW Essentials	Prepaid	7	0	+7		Actions
<input type="checkbox"/> C9300 DNA Advantage	Prepaid	5	0	+5		Actions
<input type="checkbox"/> CSR 1KV AX 250M-1	Prepaid	13	0	+13		Actions
<input type="checkbox"/> ent_rest_1_fair	Prepaid	5	1	+4		Actions
<input type="checkbox"/> ent_unrestricted	Prepaid	2	1 (1 Reserved)	+1		Actions
<input type="checkbox"/> Firepower 4100 ASA Standard	Prepaid	2	0	+2		Actions
<input type="checkbox"/> Firepower 9300 ASA PERM UNIV	Prepaid	1	1	0		Actions
<input type="checkbox"/> ISR_4321_AdvancedUCSuite	Prepaid	9	0	+9		Actions

Showing Page 1 of 3 (22 Records)

ASR 9000 Infrastructure VRF LC License. Support up to 8 VRFs in DEFAULT

Overview Product Instances Event Log Transaction History

**Description**

ASR 9000 Infrastructure VRF LC License. Support up to 8 VRFs

**Virtual Account Usage**

Purchased: 64 / In Use: 0 / Balance: +64

Surplus 100%

**License Types**

# Inventory

## Licenses - Details

2 In the **Transaction History** tab, you can see a table featuring details such as:

- Transaction Date
- License SKU
- Quantity
- License Expiration
- Order (Line) Number.

3 You can also select the Transaction, and a pop-up will appear with Transaction Details.

The screenshot displays the Cisco Software Central interface for Smart Software Licensing. The main window is titled "CSR 1KV AX 1G in 1\_EMEAR Demo" and has several tabs: Overview, Product Instances, Event Log, and Transaction History. The Transaction History tab is active and contains a table with the following data:

Transaction Date	License SKU	Quantity	License Expiration	Order(Line)Number
2018-Jul-05 10:12:31	L-CSR-1G-AX-1Y=	12	2019-Jul-05 (Term)	-
2018-Jun-26 13:17:53	L-CSR-1G-AX-1Y=	2	2019-Jun-26 (Term)	-
2018-May-28 02:33:44	L-C	-	-	-
2018-Apr-24 14:35:56	L-C	-	-	-
2018-Mar-27 09:59:39	L-C	-	-	-
2018-Mar-21 09:51:07	L-C	-	-	-
2018-Mar-16 10:19:09	L-C	-	-	-
2018-Mar-07 15:16:54	L-C	-	-	-
2018-Feb-28 10:19:48	L-C	-	-	-
2017-Nov-08 07:39:36	L-C	-	-	-

A red box highlights the "Transaction History" tab. A red circle with the number "2" is placed over the first row of the table. A red arrow points from this row to a pop-up window titled "Transaction : 2018-Jul-05 10:12:31". This pop-up window contains the following details:

**Transaction Details**

- Transaction Date: 2018-Jul-05 10:12:31
- License SKU: L-CSR-1G-AX-1Y=
- License: CSR 1KV AX 1G
- Quantity: 12
- License Type: Term
- Virtual Account: 1\_EMEAR Demo
- Source: Conversion (PAK: FXPAKA01704)

**Term Details**

- Subscription ID: -
- Subscription Status: -
- Start Date: 2018-Jul-05
- Expiration Date: 2019-Jul-05

The pop-up window also includes a "Close" button at the bottom right. The main interface shows "Showing All 10 Records" at the bottom right and an "Actions" dropdown at the bottom left.

# Inventory Licenses - Transfer

There are licenses which will not be made available for transfer, such as restricted licenses that are being consumed by devices, Reporting Only Licenses, and permanently reserved or specific reserved licenses.

- 1 To transfer a single license, select one from the list, go to **Actions** and click **Transfer**.

The screenshot shows the Cisco Software Central interface for Smart Software Licensing. The page title is "Smart Software Licensing" and the virtual account is "1\_EMEAR Demo". The "Licenses" tab is selected, showing a table of licenses. The table has columns for License, Billing, Purchased, In Use, Balance, Alerts, and Actions. Three licenses are listed: "CSR 1KV AX 1G", "CSR 1KV AX 50M", and "CSR 1KV SECURITY 50M". The "Actions" dropdown menu for the first license is open, and the "Transfer" option is highlighted. A red circle with the number "1" is placed over the "Transfer" option.

License	Billing	Purchased	In Use	Balance	Alerts	Actions
CSR 1KV AX 1G Customer 1	Prepaid	121	0	+ 121		Actions
CSR 1KV AX 50M Customer 1	Prepaid	98	0	+ 98		Actions
CSR 1KV SECURITY 50M Customer 1	Prepaid	40	0	+ 40		Actions

# Inventory Licenses - Transfer

- 2 Select a destination **Virtual Account**.  
You can select it either by name or by tag.
- 3 Type the desired number of licenses to be transferred.
- 4 Click **Show Preview** to see the changes in transferred licenses between Virtual Accounts.
- 5 Click **Transfer**.
- 6 You will see a **confirmation message**.

Cisco Software Central > Smart Software Licensing

### Smart Software Licensing

Alerts | Inventory | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | Act

Virtual Account: 1\_EMEAR Demo

General | Licenses | Product Instances | Event Log

2 **Transfer Licenses Between Virtual Accounts**

Transfer To: Virtual Account: Select Virtual Account

⚠ Any tags assigned to the licenses will not be persisted in the other Virtual Account.

License	Billing	Purchased	In Use	Balance	Transfer
CSR 1KV SECURITY 50M	Prepaid	40	0	40	3
Source: PAK Conversion PAK: FXPAK99294D	SKU: L-CSR-50M-ADV= Family: Cloud Services Router Expires: -never-	40			

4 Show Preview

Virtual Account: 1\_EMEAR Demo

General | Licenses | Product Instances | Event Log

2 Major | 47 Minor | Hide Alerts

5 **Transfer Preview:**

License		From: 1_EMEAR Demo	To: 2_EMEAR Demo
CSR 1KV SECURITY 50M	Before Transfer	40	60
	Change	-30	+30
	After Transfer	10	90

Transfer | Hide Preview | Cancel

Any tags assigned to the licenses will not be persisted in the other Virtual Account.

6 License(s) Successfully Transferred

# Inventory

## Licenses - Transfer

1 To transfer all of the licenses from your view in one Virtual Account to another Virtual Account, tick off the box on top. You can also transfer multiple licenses by selecting the corresponding boxes individually

2 From Available Actions, click Transfer.

The screenshot shows the Cisco Software Central interface for Smart Software Licensing. The page title is "Smart Software Licensing" and the virtual account is "1\_EMEAR Demo". The "Licenses" tab is active, displaying a table of licenses. A red box highlights the "Available Actions" dropdown menu, and another red box highlights the "Transfer..." option within the menu. The table contains the following data:

License	Billing	Purchased	In Use	Balance	Alerts	Actions
ASA Cus	Prepaid	1	0	+ 1		Actions
C9300 DNA Advantage Customer 1	Prepaid	1	0	+ 1		Actions
C9300 DNA Essentials Customer 1	Prepaid	2	0	+ 2		Actions
C9300 Network Essentials Customer 1	Prepaid	2	0	+ 2		Actions
CBR8 DOCSIS 3.0 Downstream Channel License Feature Customer 1	Prepaid	1	0	+ 1		Actions
CSR 1KV AX 1G Customer 1	Prepaid	121	0	+ 121		Actions

# Inventory Licenses - Transfer

- 1 After selecting the destination Virtual Account, type the number of licenses to transfer.
- 2 You will see the totals of licenses to be transferred for each license at a summary level.
- 3 Again, you can click **Show Preview** to see the overall changes.



Any tags assigned to the licenses will not be persisted in the other Virtual Account.

Virtual Account: 1\_EMEAR Demo 2 Major 47 Minor Hide Alerts

General Licenses Product Instances Event Log

### Transfer Licenses Between Virtual Accounts

Transfer To Virtual Account: 2\_EMEAR Demo ⚠ Any tags assigned to the licenses will not be persisted in the other Virtual Account.

License	Billing	Purchased	In Use	Balance	Transfer
ASAv10 Standard - 1G	Prepaid	1	0	1	1
Source: Manual Entry	Skus: L-ASAV10S-STD Family: ASA Expires: -never-	1			<input type="text" value="1"/>
C9300 DNA Advantage	Prepaid	1	0	1	1
Source: Manual Entry	Skus: C9300-DNA-A-24 Family: Nyquist Expires: 2023-Feb-26	1			<input type="text" value="1"/>
C9300 DNA Essentials	Prepaid	2	0	2	1
Source: Manual Entry	Skus: C9300-DNA-E-24 Family: Nyquist Expires: 2023-Feb-26	2			<input type="text" value="1"/>
C9300 Network Essentials	Prepaid	2	0	2	1
Source: Manual Entry	Skus: C9300-NW-E-24 Family: Nyquist Expires: -never-	2			<input type="text" value="1"/>

3

# Inventory Licenses - Transfer

- 4 In the **preview** you can validate the changes made, and see the before and after states of the licenses being transferred.
- 5 To confirm the changes, click **Transfer**.
- 6 You will see a **confirmation message**.


Virtual Account: 1\_EMEAR Demo 2 Major 47 Minor Hide Alerts

General Licenses Product Instances Event Log

**Transfer Preview:**

License		From: 1_EMEAR Demo	To: 2_EMEAR Demo
ASAv10 Standard - 1G	Before Transfer	1	1
	Change	-1	+1
	<b>After Transfer</b>	<b>0</b>	<b>2</b>
C9300 DNA Advantage	Before Transfer	1	16
	Change	-1	+1
	<b>After Transfer</b>	<b>0</b>	<b>17</b>
C9300 DNA Essentials	Before Transfer	2	14
	Change	-1	+1
	<b>After Transfer</b>	<b>1</b>	<b>15</b>
C9300 Network Essentials	Before Transfer	2	8
	Change	-1	+1
	<b>After Transfer</b>	<b>1</b>	<b>9</b>
CBR8 DOCSIS 3.0 Downstream Channel License Feature	Before Transfer	1	0
	Change	-1	+1
	<b>After Transfer</b>	<b>0</b>	<b>1</b>

Transfer Hide Preview Cancel

6  License(s) Successfully Transferred

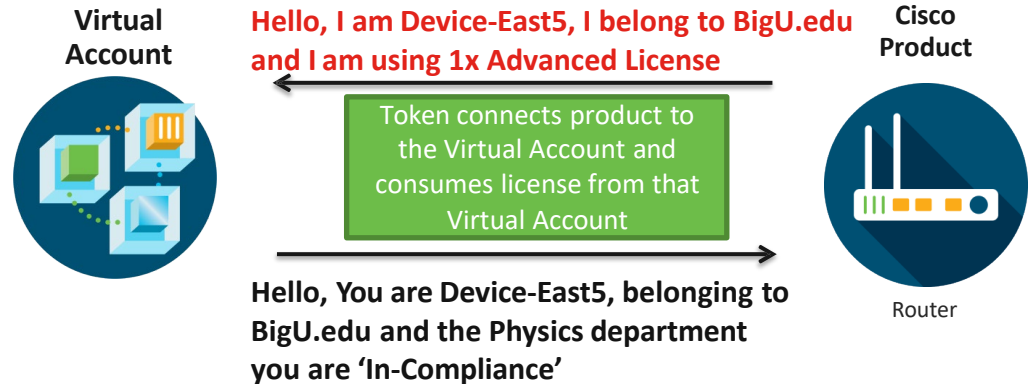
# Product Instances

## What are Product

A product instance is an individual device with a unique device identifier (UDI) that is registered using a product instance registration token. The token is specific to the Virtual Account and you can register several instances of a product with a single registration token. Each product instance can have one or more licenses that reside in the same virtual account.

Product instances must **periodically connect** to the SSM servers during a specific renewal period. If a product instance **fails to connect**, it continues to use the license. If you remove the product instance, its licenses are released and made available within the virtual account.

## Register Product Instance Using Token





# Inventory General – Register Product Instance to Virtual Account

- 1 In the **General** tab of Virtual Account, click **New Token**.
- 2 Enter a **Description** and the number of days that you want the token to be valid for. You can also specify how many times the token can be used before expiring. In that case, the token will be expired when either the expiration or maximum number of uses is reached. Select the checkbox for export-controlled functionality and accept the terms and responsibilities.
- 3 Click **Create Token**.

Cisco Software Central > Smart Software Licensing

## Smart Software Licensing

Alerts | Inventory | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | Activ

Virtual Account: California ▾

**General** Licenses Product Instances Event Log

### Virtual Account

Description: General  
Default Virtual Account: No

### Product Instance Registration Tokens

The registration tokens below can be used to register new product instances to this virtual account.

Token	Expiration Date
ODU3ZmZnNTUzZDc2M...	Expired
OTixZTEYTMINGJkNy0...	Expired

### Create Registration Token

This dialog will generate the token required to register your product instances with your Smart Account.

Virtual Account: California

Description :

\* Expire After:  Days  
*Enter the value between 1 and 365, but Cisco recommends a maximum of 30 days.*

Max. Number of Uses:   
*The token will be expired when either the expiration or maximum number of uses is reached.*

Allow export-controlled functionality on the products registered with this token ⓘ

**3**

**1**

**NOTE:** Smart Licensing Products received from Distributors will follow the same registration token creation process.

**NOTE:** This will not be applicable to SL using policy products.

© 2021

Showing 2 of 2 records

# Inventory

## General –Register Product Instance to Virtual Account

- 1 Click **Copy** to copy the newly created token, or **Download** the token to notepad, for use during product configuration and registration process.

Cisco Software Central > Smart Software Licensing Demo for Cisco Systems ▾

### Smart Software Licensing

[Feedback](#) [Support](#) [Help](#)

[Alerts](#) | **Inventory** | [Convert to Smart Licensing](#) | [Reports](#) | [Preferences](#) | [On-Prem Accounts](#) | [Activity](#)

Virtual Account: **California** ▾ 1 Major [Hide Alerts](#)

**General** | Licenses | Product Instances | Event Log

**Virtual Account**

Description: General

Default Virtual Account: No

**Product Instance Registration Tokens**

The registration tokens below can be used to register new product instances to this virtual account.

Token	Expiration Date	Uses	Export-Controlled	Description	Created By	Actions
MWQ0NTcwMzQtMzc2Y...	2018-Nov-11 16:18:51 (in 30...)	0 of 10	Allowed		askocka	1 Actions ▾ Copy Download... Revoke...
ODU3ZmZhNTUIZDc2M...	Expired		Allowed		ketikle	
OTixZTEyXyTmNGJkNy0...	Expired		Allowed		ketikle	

Showing

# Inventory Product Instances


- 1 New product instance information is displayed.

Cisco Software Central > Smart Software Licensing Cisco Demo Smart Account ▾



## Smart Software Licensing

[Feedback](#) [Support](#) [Help](#)

[Alerts](#) | **[Inventory](#)** | [Convert to Smart Licensing](#) | [Reports](#) | [Preferences](#) | [On-Prem Accounts](#) | [Activity](#)

Virtual Account: [1\\_EMEAR Demo](#) ▾ 10 Major | 29 Minor | [Hide Alerts](#) 

[General](#) | [Licenses](#) | **[Product Instances](#)** | [Event Log](#)

Name	Product Type	Last Contact	Alerts	Actions
CBCprimeinfra	SDNMGMT	2016-Dec-20 12:44:01		<a href="#">Actions ▾</a>
<b>FSMC-01</b>	FP	2016-Dec-13 03:55:19		<a href="#">Actions ▾</a>
FW-NET-A-A	FPRUHI	2016-Dec-26 14:01:13		<a href="#">Actions ▾</a>
localhost.localdomain	ICV	2017-Mar-24 06:11:11		<a href="#">Actions ▾</a>
R21-XRv9K	IOSXRV	2017-Jan-28 08:21:58		<a href="#">Actions ▾</a>

# Inventory

## Product Instance Details

Any license or product instance that is not in compliance with the smart licensing agreement creates an alert. (e.g. more licenses in use than purchased)

- 1 In the Product Instance tab, product instances display.
- 2 Click the product instance for more details on the Product, License usage and Event Log.

The screenshot displays the Cisco Software Central interface for Smart Software Licensing. The main navigation bar includes 'Alerts', 'Inventory', 'Convert to Smart Licensing', 'Reports', 'Preferences', 'On-Prem Accounts', and 'Activity'. The current view is for 'Virtual Account: Texas'. The 'Product Instances' tab is selected, showing a table of instances. A red box highlights the instance 'UDI\_PID:C9300-24UX-A; UDI\_SN:18062034818;'. A red arrow points from this instance to a detailed view window. The detailed view shows the 'Description' (Nyquist-Copper), 'General' information (Name, Product, Host Identifier, MAC Address, PID, Serial Number, UUID, Virtual Account, Registration Date, Last Contact), and 'License Usage' (License: C9300 DNA Advantage, Billing: Prepaid, Expires: 2023-Jul-24, Required: 1).

Cisco Software Central

Smart Software Licensing

Alerts | Inventory | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | Activity

Virtual Account: Texas

General | Licenses | **Product Instances** | Event Log

Name	Product Type	Last Contact
S02_07_02	CSR1KV	2018-Sep-14 18:57:59
<b>UDI_PID:C9300-24UX-A; UDI_SN:18062034818;</b>	C9300	2018-May-10 19:33:04 (Reserved Licenses)
UDI_PID.pid_KT_7_24; UDI_SN.sm_KT_7_24; UDI_VID.vid_KT...	CSR1KV	2018-Jul-26 15:34:41 (Reserved Licenses)
UDI_PID.pid_KT_7_24_Pi2; UDI_SN.sm_KT_7_24_Pi2; UDI_VI...	CSR1KV	2018-Jul-24 21:37:26 (Reserved Licenses)

UDI\_PID:C9300-24UX-A; UDI\_SN:18062034818;

Overview | Event Log

**Description**  
Nyquist-Copper

**General**

Name: UDI\_PID:C9300-24UX-A; UDI\_SN:18062034818;  
Product: C9300  
Host Identifier: -  
MAC Address: -  
PID: C9300-24UX-A  
Serial Number: 18062034818  
UUID: -  
Virtual Account: Texas  
Registration Date: 2018-May-10 19:33:04  
Last Contact: 2018-May-10 19:33:04 (Reserved Licenses) - [Download Reservation Authorization Code](#)

**License Usage** These licenses are reserved on this product instance [Update reservation](#)

License	Billing	Expires	Required
C9300 DNA Advantage	Prepaid	2023-Jul-24	1

Showing all 1 Rows

Actions

# Inventory

## Product Instance Details

- 1 In the Product Instance's **Overview** tab, you can see the description of the Product and other details, such as Host Identifier, MAC Address, PID, Serial Number, UUID (if available), Virtual Account, Registration Date and Last Contact.
- 2 You can also see the details of License Usage.
- 3 In addition, you can view the Event Log.

S02\_07\_02

Overview Event Log

**Description**

CSR 1KV STD 10G P

**General**

Name:	S02_07_02
Product:	CSR 1KV STD 10G P
Host Identifier:	HCSR19824
MAC Address:	MAC_43890
PID:	CSR1000V_53745
Serial Number:	SR12906873
UUID:	7KC:SR7216548329
Virtual Account:	Texas
Registration Date:	2018-Sep-14 18:57:59
Last Contact:	2018-Sep-14 18:57:59

**License Usage**

License	Billing	Expires	Required
No Records Found			

Showing all 0 Rows

Actions ▾

S02\_07\_02

Overview **Event Log**

Message	Time	User
The product instance "S02_07_02" connected and was added to the Virtual Account "Texas".	2018-Sep-14 18:57:59	-

Showing 1 Record

Actions ▾

# Inventory

## Transfer Product Instances

- 1 Under Action dropdown, click **Transfer**.
- 2 In the **Transfer Product Instance** dialog box, select the Virtual Account to transfer to and click **Ok**.

Cisco Software Central > Smart Software Licensing Cisco Demo Smart Account

### Smart Software Licensing

Alerts | **Inventory** | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | Activities

Virtual Account: **esherwoo-ASAV**

4 Minor | Hide Alerts

General | Licenses | **Product Instances** | Event Log

Name	Product Type	Last Contact		
esherwoo-vASA	ASAHIGH	2015-Apr-08 21:22:20		
Branch1-ASA	ASAHIGH	2015-Feb-03 13:35:54	Failed to Connect	Actions
asa-cvo	ASAHIGH	2015-Apr-04 12:46:18		Actions
esherwoo-vASA	ASAHIGH	2015-Apr-07 09:47:50	Failed to Connect	Transfer... Remove...

Transferring a product instance from one Virtual Account to another Virtual Account does not result in the corresponding licenses being transferred. You will have to transfer the licenses separately.

**Transfer Product Instance**

Name: esherwoo-vASA (ASAHIGH)

Transfer To: **4\_AMER Demo**

*Although its usage will count against the new Virtual Account, the product instance will not update its configuration until it contacts the Smart Software Manager.*

OK Cancel

Transfer...

Remove...

# Inventory

## Remove Product Instances

- 1 You can also remove product instances. Under **Actions** click on **Remove**.
  - 2 A pop-up window will display and you will have to confirm this action: **Remove Product Instance**.
- \* When you remove a product instance from Smart Software Manager, the licenses that the product instance was using are still available and can be used by other products.*

The screenshot displays the Cisco Software Central interface for Smart Software Licensing. A modal window titled "Confirm Remove Product Instance" is open, showing a warning icon and the text: "If you continue, the product instance 'ASAv1' will no longer appear in the Smart Software Manager and will no longer be consuming any licenses. In order to bring it back, you will need to re-register the product instance." The "Remove Product Instance" button in the modal is highlighted with a red box and a red circle containing the number 2. In the background, a table lists product instances. The "Actions" column for the "ASAv1" instance is highlighted with a red box and a red circle containing the number 1, with a red arrow pointing to the "Remove..." option in the dropdown menu. A blue text box at the bottom left contains the text: "After removal, you will have the option to register the product instance again with the Virtual Account (using a Token), so that the product can communicate with the Virtual Account and consume the licenses within that Virtual Account."

Virtual Account: 1\_EMEAR Demo

Name	Product Type	Last Contact	Alerts	Actions
CBCprimeinfra	SDNMGMT	2016-Dec-20 12:44:01		Actions
FSMC-01	FP	2016-Dec-13 03:55:19		Actions

# Inventory

## Remove Product Instances

- 1 The product instances need to **periodically connect** to the SSM servers during a specific renewal period. If a product instance **fails to connect**, it is marked as having a **license shortage**, but continues to use the license. *If you remove the product instance its licenses will be released and made available for other products within the Virtual Account.*

Cisco Software Central > Smart Software Licensing Cisco Demo Smart Account


### Smart Software Licensing

[Feedback](#) [Support](#) [Help](#)

[Alerts](#) | [Inventory](#) | [Convert to Smart Licensing](#) | [Reports](#) | [Preferences](#) | [On-Prem Accounts](#) | [Activity](#)

Virtual Account: [esherwoo-ASAV](#) 4 Minor [Hide Alerts](#)

General | Licenses | **Product Instances** | Event Log



Name	Product Type	Last Contact	Alerts	Actions
<a href="#">esherwoo-vASA</a>	ASAHIGH	2015-Apr-08 21:22:20	<b>1</b> <span style="border: 2px solid red; padding: 2px;">⚠ Failed to Connect</span>	<a href="#">Actions</a>
<a href="#">Branch1-ASA</a>	ASAHIGH	2015-Feb-03 13:35:54	⚠ Failed to Connect	<a href="#">Actions</a>
<a href="#">asa-cvo</a>	ASAHIGH	2015-Apr-04 12:46:18	⚠ Failed to Connect	<a href="#">Actions</a>
<a href="#">esherwoo-vASA</a>	ASAHIGH	2015-Apr-07 09:47:50	⚠ Failed to Connect	<a href="#">Actions</a>



- 1 In the **Event Log** tab, view recent activities and alerts of the Virtual Account to easily troubleshoot license and product inventory.

The screenshot displays the Cisco Software Central interface for Smart Software Licensing. The breadcrumb navigation shows 'Cisco Software Central > Smart Software Licensing'. The page title is 'Smart Software Licensing'. A navigation bar includes links for Alerts, Inventory, Convert to Smart Licensing, Reports, Preferences, On-Prem Accounts, and Activity. The current Virtual Account is 'esherwoo-ASAV'. A red circle with the number '1' highlights the 'Event Log' tab in the navigation menu. Below the tabs, there is a search bar labeled 'Search by License or Product' and a table of event messages.

Message	Time	User
The product instance "esherwoo-vASA" in the Virtual Account "esherwoo-ASAV" failed to connect for its renewal period.	2015-Jul-16 23:43:15	-
The product instance "esherwoo-vASA" in the Virtual Account "esherwoo-ASAV" failed to connect for its renewal period.	2015-Jul-16 23:43:06	-
The product instance "asa-cvo" in the Virtual Account "esherwoo-ASAV" failed to connect for its renewal period.	2015-Jul-16 23:42:07	-
The product instance "Branch1-ASA" in the Virtual Account "esherwoo-ASAV" failed to connect for its renewal period.	2015-Mar-06 03:08:11	-
The product instance "asa-cvo" in the Virtual Account "esherwoo-ASAV" connected and successfully renewed.	2015-Feb-17 06:23:21	System
The product instance "asa-cvo" in the Virtual Account "esherwoo-ASAV" failed to connect for its renewal period.	2015-Jan-29 13:32:17	-

# Inventory - Preferences

## License Transaction Details in the Inventory Tab (Advanced View)

- 1 To enable **Advanced View of License Transaction Details**, go to the **Preferences** tab.
- 2 For **Show License Transaction Details in Inventory Tab**, change the default value from **Disabled** to **Enabled**. Once it is enabled, you will be able to see the transaction level details for licenses and perform transaction level operations.

Cisco Software Central > Smart Software Licensing OVERSTOCKCOM INC

Smart Software Licensing Feedback Support Help

Alerts | Inventory | Convert to Smart Licensing | Reports | **Preferences** | On-Prem Accounts | Activity

**License Configuration**

2 Show License Transaction Details in Inventory Tab: Enabled View Change Log

Reserved License Preinstallation: Disabled View Change Log

# Inventory - Preferences

## License Transaction Details in the Inventory Tab (Advanced View)

When **Show License Transaction Details in Inventory Tab** is enabled, the **Advanced View** and **Advanced Search** will automatically show.

- 1 With the **Advanced View** you can search for licenses by: **Product family, Source, Ship to Country, Order number (Sales Order number or Web Order ID), End Customer, SKU, PAK, PO Number, Expiration Date.**
- 2 To disable this view entirely, tick off the **Show License Transactions** option and you'll go back to the normal screen.
- 3 You can also minimize the Advanced Search View.

Smart Software Licensing

Alerts | Inventory | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | Activity

Virtual Account: DEFAULT

General Licenses Product Instances Event Log

Available Actions Manage License Tags License Reservation... Show License Transactions Search by License

By Name By Tag

Advanced Search Apply Clear

License	Billing	Purchased	In Use	Balance	Alerts	Actions
ASR 9000 Infrastructure VRF LC License: Support up to 8 VRFs	Prepaid	60	0	+ 60		Actions
ASR 9000 Infrastructure VRF LC License: Support up to 8 VRFs	Prepaid	60	0	+ 60		Actions
C9300 48P DNA Advantage	Prepaid	1	1	0		Actions

Virtual Account: DEFAULT

General Licenses Product Instances Event Log

Available Actions Manage License Tags License Reservation... Show License Transactions Search by License

By Name By Tag

Advanced Search

License	Billing	Purchased	In Use	Balance	Alerts	Actions
ASR 9000 Infrastructure VRF LC License: Support up to 8 VRFs	Prepaid	60	0	+ 60		Actions
ASR 9000 Infrastructure VRF LC License: Support up to 8 VRFs	Prepaid	60	0	+ 60		Actions
C9300 48P DNA Advantage	Prepaid	1	1	0		Actions

Virtual Account: DEFAULT

General Licenses Product Instances Event Log

Available Actions Manage License Tags License Reservation... Show License Transactions Search by License

By Name By Tag

Advanced Search

License	Billing	Purchased	In Use	Balance	Alerts	Actions
ASR 9000 Infrastructure VRF LC License: Support up to 8 VRFs	Prepaid	60	0	+ 60		Actions
ASR 9000 Infrastructure VRF LC License: Support up to 8 VRFs	Prepaid	60	0	+ 60		Actions
C9300 48P DNA Advantage	Prepaid	1	1	0		Actions

# Inventory - Preferences

## License Transaction Details in the Inventory Tab (Advanced View)

1 With the **Advanced View** you can expand the view for each license summary, which will show transaction level details of the licenses.

**Note:** There are various sources a license can come from:

- Manual Entry
- PAK Conversion
- Device Conversion
- DLC Device Conversion
- EA Workspace
- Device Request
- Order Line

Virtual Account: **DEFAULT** Minor Hide Alerts

General Licenses Product Instances Event Log

Available Actions Manage Tags... License Reservation...  Advanced View Search by License  By Name By Tag

Product Family:  Order Number:  SKU:    
Source:  Expires By:  PAK:    
Ship To:  End Customer:  PO Number:

License	Billing	Purchased	In Use	Balance	Alerts	Actions
<input checked="" type="checkbox"/> ASR 9000 Infrastructure VRF LC License: Support up to 8 VRFs	Prepaid	64	0	+ 64		<input type="button" value="Actions"/>
<input checked="" type="checkbox"/> C9300 48P DNA Advantage	Prepaid	1	1	0		<input type="button" value="Actions"/>
<input checked="" type="checkbox"/> C9300 48P NW Essentials <span style="background-color: yellow;">catalyst 900</span>	Prepaid	7	0	+ 7		<input type="button" value="Actions"/>
<input checked="" type="checkbox"/> C9300 DNA Advantage	Prepaid	5	0	+ 5		<input type="button" value="Actions"/>
<input checked="" type="checkbox"/> CSR 1KV AX 250M-1	Prepaid	13	0	+ 13		<input type="button" value="Actions"/>
<input type="checkbox"/> Source: PAK Conversion PAK: FP593NELUSR		Sku: L-CSR-250M-AX-3Y= Family: Cloud Services Router	2	Expires: 2021-Jul-10		
<input type="checkbox"/> Source: Manual Entry		Sku: L-CSR-250M-AX-3Y= Family: Cloud Services Router	10	Expires: -never-		
<input type="checkbox"/> Source: Device Conversion Device: NA		Sku: L-CSR-250M-AX-3Y= Family: Cloud Services Router	1	Expires: 2021-Jun-07		

# Report

## Licenses and Product Instance Details

S

Generate reports for selected Virtual Accounts: you can run reports in the tool (it will open in a web page of your browser), or export to CSV or XLS. Click on the report name (e.g. **Licenses**) to view the report customization pop-up and run the report.

- 1 The **License report** provides a summary of licenses count and usage.
- 2 The **License Subscription report** is a summary of current subscription licenses counts and usage.
- 3 The **Product Instance report** includes count and listing of product instances.

The screenshot displays the Cisco Software Central interface for Smart Software Licensing. The main navigation bar includes 'Alerts', 'Inventory', 'Convert to Smart Licensing', 'Reports', 'Preferences', 'On-Prem Accounts', and 'Activity'. The 'Reports' section is active, showing a list of reports: 'Licenses', 'License Subscriptions', and 'Product Instances'. Three red boxes with numbers 1, 2, and 3 highlight these report names. Three pop-up windows are overlaid on the interface, each with a red box and number: 1. 'Run License Report' pop-up, showing fields for Name (Licenses Report), Description (License Usage by Virtual Account and Type), Virtual Accounts (All virtual Accounts), Licenses (All Licenses), and a 'Run Report' button. 2. 'Run License Subscriptions Report' pop-up, showing fields for Name (License Subscriptions Report), Description (Includes a summary of current subscription license c...), Virtual Accounts (All virtual Accounts), Licenses (All Licenses), Subscription Status (All Subscriptions), and a 'Run Report' button. 3. 'Product Type Report' pop-up, showing fields for Name (Product Instance Report), Description (Product Instance by Virtual Account and Type), Virtual Accounts (All virtual Accounts), Product Type (14 selected), and a 'Run Report' button. The footer of the interface contains the text: '© 2022 Cisco and/or its affiliates. All rights reserved. Cisco'.

# Report

## Licenses and Product Instance Details

### Run License Report

Name:

Description:

Virtual Accounts:

Licenses:

Show license transactions in report

[Show Advanced Filters](#)

- 1 Under any of the reporting options (**Licenses, License Subscriptions, Product Instances**), when you click on **Run a Report**, you will be redirected to the Report screen.

**Note:** This is a sample data for the License Report.

### Licenses Report

2018 Feb, 21 15:12:40  
BAT\_SPLA

[Export to CSV](#)

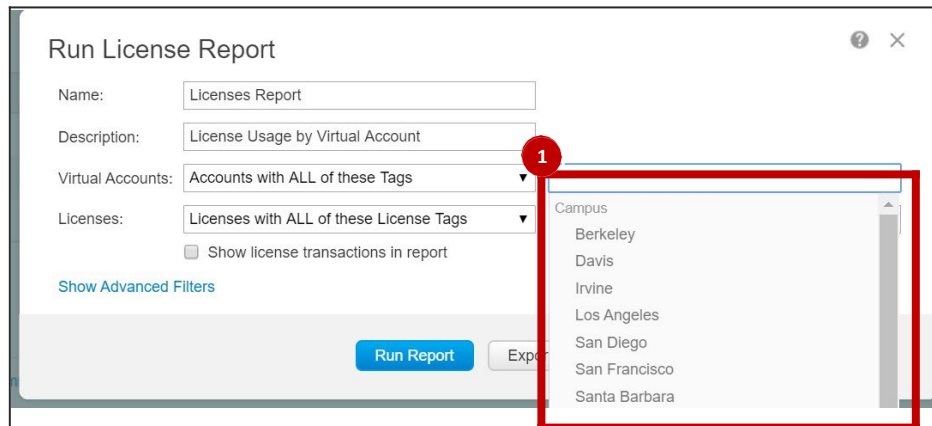
#### Total License Usage

Licenses	Billing	Purchased	In Use	Reserved	Balance	Duplicates
C9300 DNA Essentials	Prepaid	5	0	-	+5	-
CSR 1KV APP 10G	Prepaid	1	0	-	+1	-
CSR 1KV APPX 100M	Prepaid	51	0	-	+51	-
CSR 1KV Appx 10G	Prepaid	40	0	-	+40	-
CSR 1KV APPX 10M	Prepaid	50	0	-	+50	-
CSR 1KV APPX 2500M	Prepaid	20	9	9	+11	-
CSR 1KV APPX 250M	Prepaid	40	20	10	+20	-
CSR 1KV APPX 500M	Prepaid	143(+107 Pending)	80	61	+63	-
CSR 1KV APPX 50M	Prepaid	51	0	-	+51	-
CSR 1KV APPX 5G	Prepaid	20	0	-	+20	-
CSR 1KV AX 10M	Prepaid	388(+107 Pending)	107	107	+281	-
CSR 1KV AX 50M	Prepaid	13(+107 Pending)	0	-	+13	-
CSR 1KV IP BASE 100M	Prepaid	10	0	-	+10	-
CSR 1KV IP BASE 10M	Prepaid	116	5	5	+111	-
CSR 1KV IP BASE 500M	Prepaid	165	19	19	+146	-
CSR 1KV IP BASE 50M	Prepaid	218(+217 Pending)	96	96	+122	-
CSR 1KV SECURITY 100M	Prepaid	50	2	2	+48	-
CSR 1KV SECURITY 10M	Prepaid	463(+217 Pending)	139	139	+324	-
CSR 1KV SECURITY 500M	Prepaid	50	4	4	+46	-
CSR 1KV SECURITY 50M	Prepaid	14(+107 Pending)	0	-	+14	-

# Report

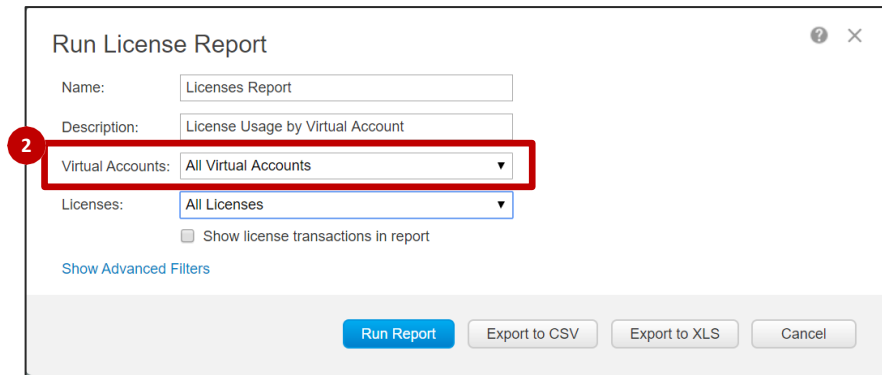
## License Reports

- 1 If you select **Accounts with ALL of these Tags**, you will search for multiple tags and only the Virtual Accounts with ALL of the tags that you select will be shown in the report.



The screenshot shows the 'Run License Report' dialog box. The 'Name' field is 'Licenses Report', the 'Description' is 'License Usage by Virtual Account', and the 'Virtual Accounts' dropdown is set to 'Accounts with ALL of these Tags'. A dropdown menu is open, showing a list of campus names: Campus, Berkeley, Davis, Irvine, Los Angeles, San Diego, San Francisco, and Santa Barbara. A red box highlights the dropdown menu, and a red circle with the number '1' is next to it.

- 2 If you select **All Virtual Accounts**, there are no search functionalities since the report will pull from all Virtual Accounts within the Smart Account.



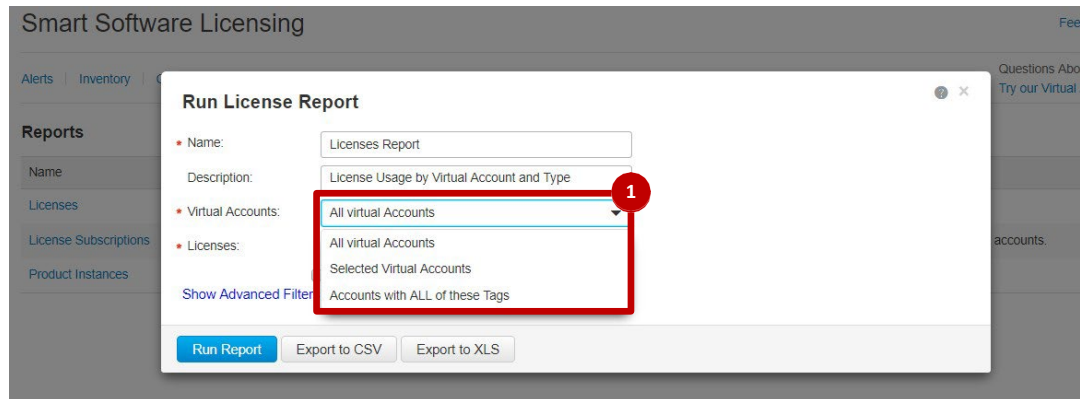
The screenshot shows the 'Run License Report' dialog box. The 'Name' field is 'Licenses Report', the 'Description' is 'License Usage by Virtual Account', and the 'Virtual Accounts' dropdown is set to 'All Virtual Accounts'. The 'Licenses' dropdown is set to 'All Licenses'. A red box highlights the 'Virtual Accounts' dropdown, and a red circle with the number '2' is next to it. At the bottom, there are buttons for 'Run Report', 'Export to CSV', 'Export to XLS', and 'Cancel'.

# Report

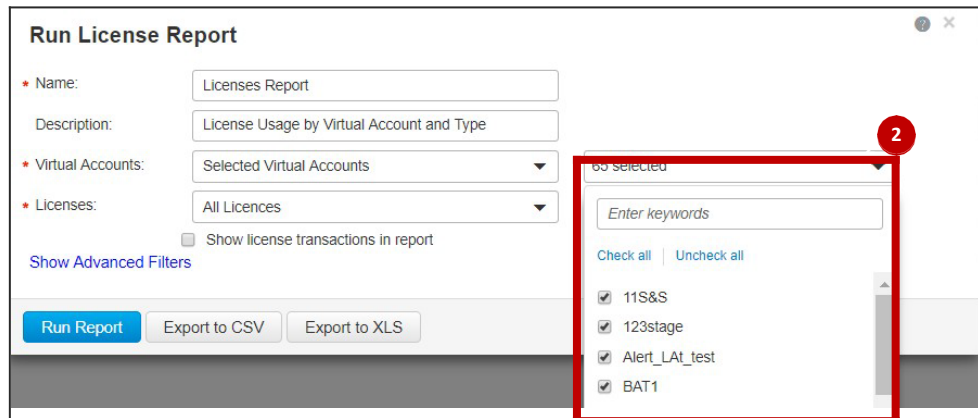
## License Reports

1 Under **Run License Report**, you can **select Virtual Accounts** from the drop down menu. **You have 3 options:**

- **All Virtual Accounts**
- **Selected Virtual Accounts**
- **Accounts with ALL of these tags**



2 If you choose **Selected Virtual Accounts**, you will have the option to **select Virtual Accounts** for the report. You have the option to select which Virtual Accounts you would like to run a report on. You can search by keywords.





# Report

## License Reports

- 1 You can also **filter by Licenses**.  
You can choose to view a report generated for the **All Licenses**, **Licenses with ALL of these License Tags** or **Licenses with NO License Tags**.

Run License Report

Name: Licenses Report

Description: License Usage by Virtual Account

Virtual Accounts: Selected Virtual Accounts 2 Selected

Licenses: All Licenses

- All Licenses
- Licenses with ALL of these License Tags
- Licenses with NO License Tags

Run Report Export to CSV Export to XLS Cancel

- 2 If you choose to search for **Licenses with ALL of these Tags**, you can choose a number of tags from the drop down menu and only the licenses with all of these tags associated with them will be included in the report.

Run License Report

Name: Licenses Report

Description: License Usage by Virtual Account

Virtual Accounts: All Virtual Accounts

Licenses: Licenses with ALL of these License Tags

Show license transactions in report

Show Advanced Filters

Run Report Expo

- Arts
- Biology
- Business
- Engineering
- Mathematics
- Physical Sciences
- Social Sciences

# Report

## License Reports

1 If you choose to search for **Licenses with NO License Tags**, the report will pull licenses that have NO tags associated with them.

1

### Run License Report

\* Name: Licenses Report

Description: License Usage by Virtual Account and Type

\* Virtual Accounts: Selected Virtual Accounts 5 selected

\* Licenses: Licenses with NO Licence Tags

Show license transactions in report

[Show Advanced Filters](#)

[Run Report](#) [Export to CSV](#) [Export to XLS](#)

2 If you choose **All Licenses**, the report will pull all of the licenses that the user has access to.

2

### Run License Report

\* Name: Licenses Report

Description: License Usage by Virtual Account and Type

\* Virtual Accounts: Selected Virtual Accounts 5 selected

\* Licenses: All Licences

Show license transactions in report

[Show Advanced Filters](#)

[Run Report](#) [Export to CSV](#) [Export to XLS](#)

# Report

## Advanced Filters

2 In addition to the Virtual Accounts, Licenses and Subscription Status filters, you can add **Advanced Filters**.

The **Advanced Filters** Section allows you to filter by **Source** (drop down options shown below), **Customer**, **Order Number**, **Purchase Order**, **Ship to Country**, **Product Family**, **SKU**, **Device**, **PAK**, and **Expiration**.

[Hide Advanced Filters](#)

Source:

Customer:

Order Number:

Purchase Order:

Ship to country:

**Run License Report**

\* Name:

Description:

\* Virtual Accounts:

\* Licenses:

Show license transactions in report

[Hide Advanced Filters](#)

Source:  Product Family:

Customer:

SKU:

Order Number:

Device:

Purchase Order:

PAK:

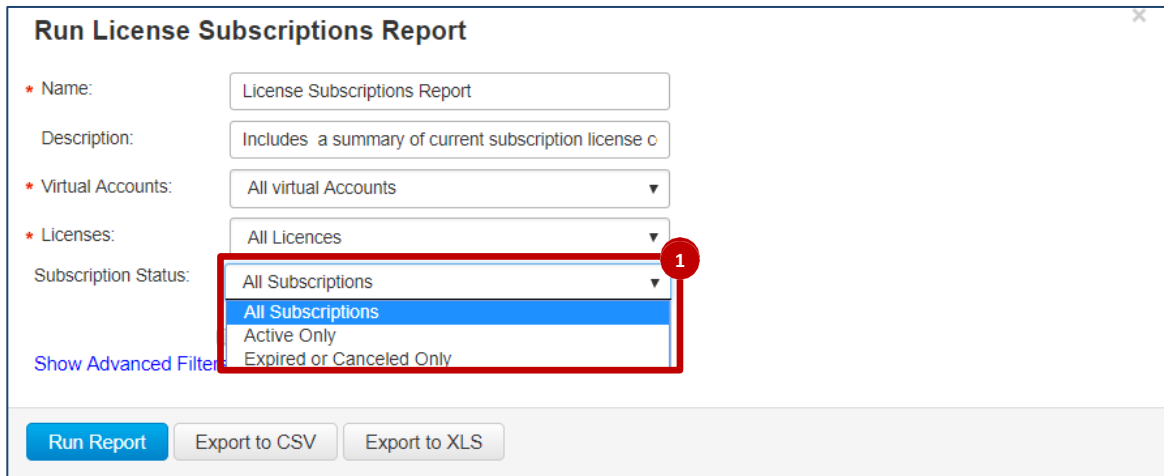
Ship to country:  Expiration:

# Report

## License Subscriptions Report

1 Under the **License Subscription Report**, you can also select **Virtual Accounts** and **Licenses**. For the License Subscriptions Report you can select a Subscription Status:

- All Subscriptions
- Active Only Subscriptions
- Expired or Cancelled Only Subscriptions



**Run License Subscriptions Report**

\* Name: License Subscriptions Report

Description: Includes a summary of current subscription license o

\* Virtual Accounts: All virtual Accounts

\* Licenses: All Licences

Subscription Status: All Subscriptions

Show Advanced Filter

Run Report Export to CSV Export to XLS

# Report

## Product Instances Report

1 Under the **Product Instance Report**, you are also able to select the **Virtual Accounts**.

2 In addition, you can choose **Product Types**.

The screenshot shows a 'Product Type Report' configuration window. It includes fields for Name, Description, Virtual Accounts, and Product Type. The Product Type dropdown is expanded, showing a search bar and a list of selected product types.

**Product Type Report**

\* Name: Product Instance Report

Description: Product Instance by Virtual Account and Type

\* Virtual Accounts: 55 selected

\* Product Type: 14 selected

Enter keywords

Check all | Uncheck all

- UCL
- ASAHIGH
- 4300ISR
- 800BB
- UWLO

Export to XLS

# Preference

## License Configuration

- 1 In the **Preferences Tab**, a Smart Account Admin can view the **License Configuration** section.
  - If Specific License Reservation is enabled in the Smart Account, the Smart Account Admin will have the option to enable Reserved License Preinstallation.

The screenshot displays the Cisco Software Central interface for Smart Software Licensing. The breadcrumb trail is "Cisco Software Central > Smart Software Licensing". The account name is "Cisco Demo Customer Smart Account". The navigation menu includes "Alerts", "Inventory", "Convert to Smart Licensing", "Reports", "Preferences" (highlighted with a red box), "On-Prem Accounts", and "Activity". The "License Configuration" section is active, showing "Reserved License Preinstallation:" with a dropdown menu set to "Enabled on All Virtual Accounts" (highlighted with a red box and a red circle). A "View Change Log" link is visible next to the dropdown. A chat icon is present in the bottom right corner.

**Specific License Reservation (SLR)** is a feature used in highly secure networks. If you need to enable SLR, open a case via [Support Case Manager \(SCM\)](#). Once SLR is enabled, the SA Admin will have the option to enable Reserved License Pre-installation.

- For more details, check this [Quick Reference Guide](#)

# Preferenc

## Select Notifications

The **Email notification settings** are now in the **Preferences Tab**, below the **License Configuration** section.

- 1 Here you can select the email notifications you would like to receive.
- 2 Click **Save** before transferring to a new page.

Cisco Software Central > Smart Software Licensing

Smart Software Licensing

Alerts | Inventory | Convert to Smart Licensing | Reports | **Preferences** | On-Prem Accounts | Activity

License Configuration

Reserved License Preinstallation: Enabled on All Virtual Accounts [View Change Log](#)

**Email Notification**

Daily Event Summary

Receive a daily email summary containing the events selected below

Email Address: askocka@cisco.com

Alert Events:

- Insufficient Licenses - Usage in account exceeds available licenses
- Licenses Expiring - Warning that term-limited licenses will be expiring. Sent 90, 60, 30, 14, 7, 3 and 1 day prior to expiration.
- Licenses Expired - Term-limited licenses have expired. Only displayed if Licenses Expiring warning have not been dismissed.
- Product Instance Failed to Connect - Product has not successfully connected during its renewal period
- Product Instance Failed to Renew - Product did not successfully connect within its maximum allowed renewal period.
- On-Prem Synchronization Overdue - On-Prem has not synchronized within the expected time period.
- On-Prem Unregistered and Removed - On-Prem failed to synchronize in 90 days and has been removed.
- Licenses Not Converted - One or more traditional licenses were not automatically converted to Smart during Product Instance Registration

Informational Events:

- New Licenses - An order has been processed and new licenses have been added to the account
- New Product Instance - A new product instance has successfully registered with the account
- Licenses Reserved - A product instance has reserved licenses in the account

Status Notification

Receive an email when a On-Prem synchronization file has finished processing by Smart Software Manager

**Save** **Reset**

# On-Prem Accounts (SSM On-Prem (Offline Connector))

For security sensitive Customers who do not want to manage their install base using a direct Internet connection, the Smart Software Manager On-Prem is installed on the Customer premises, and provides a subset of Cisco SSM functionality.

- 1 On the main **On-Prem Accounts** tab, you will see any listed On-Prem Accounts, and you will be able to **create a New On-Prem**.

Cisco Software Central > Smart Software Licensing Cisco Demo Customer Smart Account

## Smart Software Licensing Feedback Support Help

Alerts | Inventory | Convert to Smart Licensing | Reports | Preferences | **On-Prem Accounts** | Activity

### On-Prem Accounts 98 Major Hide A

1 New On-Prem... 📄 Search by Name 🔍

Name	Product Instances	Last Synchronization	Synchronization Due	Version	Alerts	Actions
0sat-1	0	2018-Nov-05 15:16:22	2018-Dec-05 15:16:22	5.0.1	🚫 Synchronization Overdue	Actions ▾
99_WLSN	1	2018-Nov-23 10:58:26	2018-Dec-23 10:58:26	6.0.0	🚫 Synchronization Overdue	Actions ▾
account_name	0	2019-Feb-08 07:14:24	2019-Mar-10 07:14:24	6.1.0	🚫 Synchronization Overdue	Actions ▾
amod	0			6.2.0	🚫 Synchronization Overdue	Actions ▾
berlab-ssms	1	2019-Mar-25 16:18:37	2019-Apr-24 16:18:37	6.2.0	🚫 Synchronization Overdue	Actions ▾
BTS-test-sat-2-7-26	0	2018-Jul-26 21:51:40	2018-Aug-25 21:51:40	3.0.0	🚫 Synchronization Overdue	Actions ▾
CDCSA Sat	0	2018-Aug-16 20:51:55	2018-Sep-15 20:51:55	3.0.0	🚫 Synchronization Overdue	Actions ▾



# On-Prem

## SSM On-Prem (Offline Connector)

- 2 Upon selecting **New On-Prem**, a pop-up will prompt you to enter the following information: On-Prem Name, Registration File and Virtual Accounts.
- 3 Once you click on **Generate Authorization File**, a pop-up will appear through which you can download the authorization file by clicking Download Authorization File.

**New On-Prem**

Enter a name, select the On-Prem Registration File generated by the Smart Software Manager On-Prem setup wizard and choose or create one or more virtual accounts to associate with this On-Prem. This will generate a On-Prem Authorization file for you to download and use to complete the registration on the On-Prem.

\* On-Prem Name:

\* Registration File:  *No file chosen*

\* Virtual Accounts:

Name	Description	Actions
Select or add at least one virtual account above		

**3 Authorization File Generated**

The Satellite Authorization File was successfully generated. Download the file and install it using the Smart Software Manager satellite setup tool.



Reference the [SSM Cisco.com page](#) for more information on SSM On-Prem. You will also find the following documents:

- SSM On-Prem Overview presentations, Users Guide, Installation Guide, Data Sheet, Overview, FAQ.

What's more, the SSM On-Prem Overview presentation provides a very good summary of SSM On-Prem deployment models, system requirements, features, network synchronization, etc.

- [SSM On-Prem Enhanced Edition](#)

## Holistic View of License Transactions

- 1 On the Activity page, in the Transaction History tab, view License Transactions and additional details.
- 2 You can click on the Transaction Date link to view Transaction Details and Term Details.

Cisco Software Central > Smart Software Licensing

Cisco Demo Customer Smart Account

Smart Software Licensing

Alerts | Inventory | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | **Activity**

Activity

License Transactions | Event Log

Search by License SKU, License or by Virtual Account

Transaction Date	License SKU	License	Quantity	License Expiration	Virtual Account	Source
2019-Jul-02 13:23:12	L-CSR-2.5G-AX-S=	CSR 1KV AX	5	2019-Aug-01 (Demo)	jonmarsh	Manual Entry
2019-Jul-02 06:11:18	C9300-DNA-E-24	C9300 DNA E	1	2019-Aug-02 (Demo)	ska	Manual Entry
2019-Jul-02 06:03:06	L-CSR-5G-APP-S=	CSR 1KV APP	-1	2019-Aug-31 (Demo)	kkuw	TRANSFER
2019-Jul-02 03:04:02	L-CSR-5G-APP-S=	CSR 1KV APP	1	2019-Aug-31 (Demo)	kkuw	Manual Entry
2019-Jul-02 03:04:02	L-CSR-5G-APP-S=	CSR 1KV APP	1	2019-Aug-31 (Demo)	kkuw	Manual Entry

Transaction : 2019-Jul-02 13:23:12

**Transaction Details**

Transaction Date: 2019-Jul-02 13:23:12  
License SKU: L-CSR-2.5G-AX-S=  
License: CSR 1KV AX 2.5G  
Quantity: 5  
License Type: Demo  
Virtual Account: jo  
Source: Manual Entry

**Term Details**

Subscription ID: -  
Subscription Status: -  
Start Date: 2019-Jul-02  
Expiration Date: 2019-Aug-01

Close

# Feedback & Support

## Additional Links

- 1 On all pages, there are links to provide feedback, raise a support case and for in tool help.

The screenshot shows the Cisco Smart Software Licensing interface. At the top, the breadcrumb navigation reads "Cisco Software Central > Smart Software Licensing". The page title is "Smart Software Licensing". In the top right corner, there is a user profile "Cisco Demo Customer Smart Account" and a navigation menu containing "Feedback", "Support", and "Help". A red circle with the number "1" highlights this menu. Red dashed arrows point from the "Feedback" link to a "Smart Software Manager Feedback" form, from the "Support" link to a "Smart Software Manager Support" form, and from the "Help" link to a help page titled "Introduction to Smart Software Manager".

**Smart Software Manager Feedback**

Please use this form only to provide Smart Software Manager feedback.

- Select a Category for Your Feedback -

Enter your feedback here

Send anonymously (otherwise your Cisco.com User Name is included)

**Send Feedback** **Cancel**

**Smart Software Manager Support**

Use this form to request support for Smart Software Manager or issues related to licenses in your Smart Account. Once the request has been sent, you will receive a response within 48 hours.

Enter details about the issue here.

Smart Account: Cisco Demo Customer Smart Account (demo.cisco.com)

Reported By: Anna Skocka (askocka@cisco.com)

Preferred Contact Method:

Email

Contact Email Address: john.doe@cisco.com

Contact Phone Number: 123456789

Time Zone: GMT-06:00, America/Denver (MDT)

**Send** **Cancel**

**Introduction to Smart Software Manager**

- Overview of Smart Software Manager
- Smart Account Management
- Licenses
- Product Instances
- Registration Tokens
- Virtual Accounts

Expand All | Collapse All

# Virtual Chat Assistant

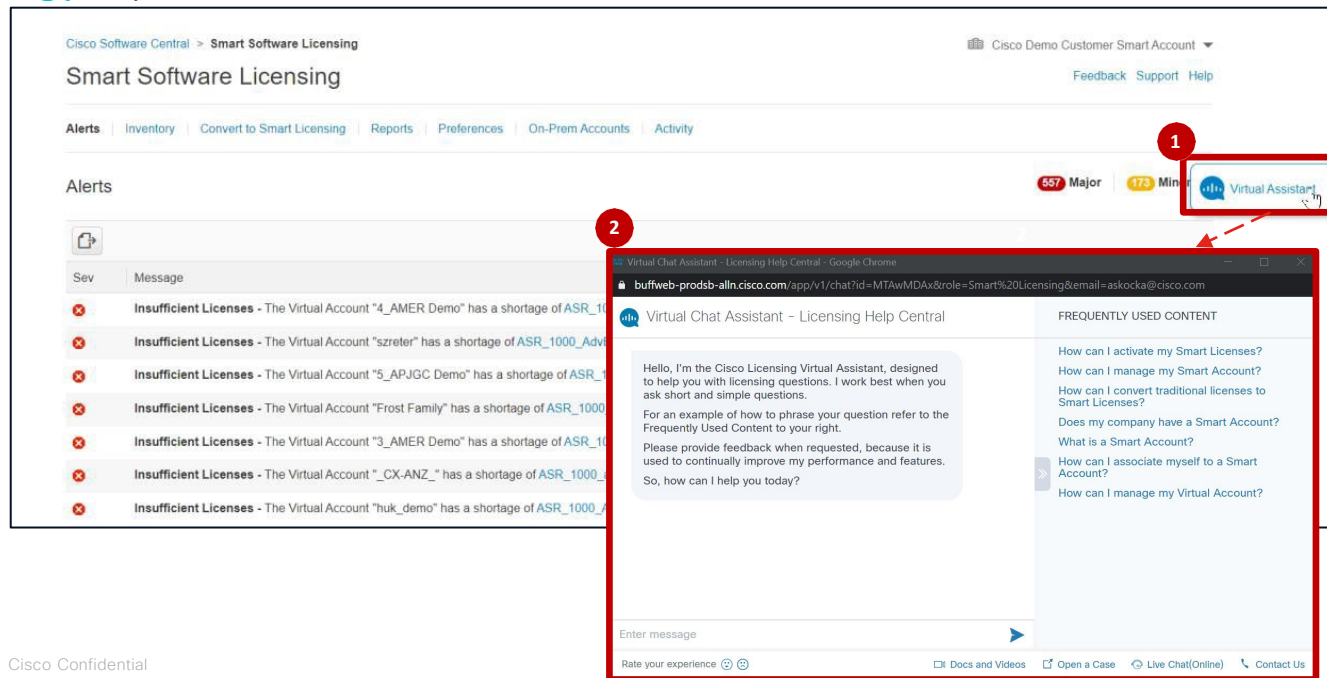
For more details, check this QRG: [VCA Quick Reference Guide](#)

You can now access the **Virtual Chat Assistant (VCA)** from Smart Software Manager.

The Virtual Chat Assistant will appear as a blue icon in the upper right-hand corner, in SSM.

1 Click the Virtual Assistant icon  to open VCA..

2 The Licensing Help Central page appears and you can enter a message/type in your questions.



The screenshot shows the Cisco Software Central interface for Smart Software Licensing. The top navigation bar includes "Alerts", "Inventory", "Convert to Smart Licensing", "Reports", "Preferences", "On-Prem Accounts", and "Activity". The "Alerts" section is active, displaying a list of "Insufficient Licenses" alerts. A red circle labeled "1" highlights the Virtual Assistant icon in the top right corner. A red circle labeled "2" highlights the Virtual Chat Assistant chat window, which is open and displays a message from the assistant. The chat window includes a "FREQUENTLY USED CONTENT" section with various help topics and a "Rate your experience" button at the bottom.

*Quiz Time*





## Quiz 3

Who can generate the inventory reports?

- A. *Only Smart Account Admin*
- B. *Smart Account Admin and the virtual account admin*
- C. *Smart Account Admin and Smart Account Approver*
- D. *Only the virtual account admin*



## Quiz 3 Answer

Who can generate the inventory reports?

- A. *Only Smart Account Admin*
- B. *Smart Account Admin and the virtual account admin*
- C. *Smart Account Admin and Smart Account Approver*
- D. *Only the virtual account admin*

# Classic to Smart License Conversion

## 1. Classic to Smart Conversion in Software Manager (CSSM)

- Convert Classic license to Smart License
- Automatic license conversion
- Bulk conversion
- Conversion settings



# License

# Conversion

Convert traditional licenses currently in use to Smart Software Licenses

From the **Convert to Smart Licensing** tab, you can convert Classic Licenses to Smart Licenses and gain the valuable benefits of Smart Accounts. Two options are available:

- 1 **Convert PAKs to Smart Software Licenses.**
- 2 **Convert traditional Term & Content licenses which are currently in use, to Smart Software Licenses.**

Cisco Software Central > Smart Software Licensing Demo for Cisco Systems

## Smart Software Licensing Feedback Support Help

Alerts | Inventory | **Convert to Smart Licensing** | Reports | Preferences | On-Prem Accounts | Activity

### License Conversion

**Convert PAKs** | Convert Licenses | Conversion History | Conversion Settings | Event Log

The Product Activation Keys (PAKs) below contain licenses that can be used for traditional licensing or Smart Software Licensing. To add some or all of them to a Virtual Account as Smart Software Licenses, use the 'Convert to Smart Licenses' action in the table below.

If you do not see a PAK you expect to see in the table, ensure that it has been assigned to your Smart Account in the [Product License Registration Portal](#).

There may be licenses that are eligible to be converted, based on your [automatic conversion settings](#). Convert Now...

Last Updated : 2019-Jan-22 06:55:34

Search PAK, SKU, Virtual Account or Order Number

PAK	SKUs	Order Number	Order Date	Virtual Account	Status	Actions
FPFQ8GIEKL8	TALOS_TESTPID (1)	1	-	California		Convert to Smart Licen...
FP07GBH47DB	L-CSR-MEM-4G= (50), TALO.	SalesOrder	-	MCE_Source		Convert to Smart Licen...
FP0FV77R2T1	TALOS_TESTPID (16)	SalesOrder	-	MCE		Convert to Smart Licen...

# License Conversion

## Convert PAKs to Smart Licenses

- 1 From **Convert PAKs** Tab in License Conversion section, click on the **PAK** to view the **PAK Details**.
- 2 In the **PAK Details**, SKUs and corresponding Smart equivalents will be displayed.
- 3 Click on **Convert to Smart Licenses**.

Cisco Software Central > Smart Software Licensing

Smart Software Licensing

Alerts | Inventory | **Convert to Smart Licensing** | Reports | Preferences | On-Prem Accounts | Activity

License Conversion

**Convert PAKs** | Convert Licenses | Conversion History | Conversion Settings | Event Log

The Product Activation Keys (PAKs) below contain licenses that can be used for traditional licensing or Smart Software Licensing. To add some or all of them to a Virtual Account as Smart Software Licenses, use the 'Convert to Smart Licenses' action in the table below.

If you do not see a PAK you expect to see in the table, ensure that it has been assigned to your Smart Account in the [Product License Registration Portal](#).

There may be licenses that are eligible to be converted, based on your [automatic conversion settings](#). [Convert Now...](#)

Last Updated : 2019-Jan-22 06:55:34

PAK	SKUs	Order Number	Order Date	Virtual Account	Status	Actions
FPFQ8GIEKL8	MCE_SOURCE_TESTPID (1)	1	-	California	-	Convert
<b>FP07GBH47DB</b>	L-CSR-MEM-4G= (50), TALOS_	SalesOrder	-	MCE_Source	-	Convert
FP0FV77R2T1	TALOS_TESTPID (16)	SalesOrder	-	MCE	-	Convert

If a partial fulfillment is not allowed, you won't be able to choose which SKUs to convert.

If partial conversion is allowed, you can select the SKUs.

If a PAK gets updated in real time an informational icon will show up indicating the PAK update is latest and not according to the time stamp.

FP07GBH47DB

**PAK Details:**

PAK Number: FP07GBH47DB

Partial Fulfillment: Allowed

Order Number: SalesOrder

Order Date: -

PAK Virtual Account: MCE\_Source

SKU	Licenses	Type	Expiration Date	Available to Convert
L-CSR-MEM-4G=	mem_4G (CSR 1KV MEMORY 4G) 1.0	Perpetual	-	50
TALOS_TESTPID	BAT_US8553 (TALOS_test) 1.0, BAT_US8553 (TALOS_test) ...	Perpetual	-	50

**Convert to Smart Licenses** Close

# License Conversion

## PAKs to Smart Licenses

You need to select a Device Type in Step 1 only if there is a mapping between the License SKUs and the Device Type. If there is no mapping in the backend, the Destination Device Type drop-down will not appear in Step 1.

Upon clicking on **Convert to Smart Licenses**, the 2 step wizard opens.

- 1** In **Step 1, Select Licenses** and the **Quantity to Convert** (if the PAK allows partial fulfillment). Please specify the **Destination Virtual Account**. You may need to provide the **Destination Device Type**.
- 2** Click on **Next**.
- 3** In **Step 2, Review and Confirm**, double-check the SKUs to convert and **click on 4 Convert Licenses**.

**Convert to Smart Software Licenses**

STEP 1 Select Licenses | STEP 2 Review and Confirm

Select the licenses you want to convert to Smart Software Licenses and the Destination Virtual Account to contain them. If the PAK allows partial fulfillment, you will be able to choose the number of licenses to convert, otherwise all licenses in the PAK will be converted.

**PAK Details:**

PAK Number: 7551J500640  
Partial Fulfillment: Not Allowed  
PAK Virtual Account: SVS\_UC

Destination Virtual Account: 1\_EMEAR Demo  
Destination Device Type: UDI PID-TEST\_LRP

**SKUs**

SKU	Licenses	Type	Expiration Date	Available to Convert	Quantity to Convert
C1-ISE-BASE-T	Testonly_q2ty14_smart_desc_V1, ISE Base S...	Term	2022-Jul-26	100	100

Cancel Back **Next**

**Convert to Smart Software Licenses**

STEP 1 Select Licenses | STEP 2 Review and Confirm

Select the licenses you want to convert to Smart Software Licenses and the Destination Virtual Account to contain them. If the PAK allows partial fulfillment, you will be able to choose the number of licenses to convert, otherwise all licenses in the PAK will be converted.

**PAK Details:**

PAK Number: 7551J500640  
Partial Fulfillment: Not Allowed  
PAK Virtual Account: SVS\_UC

Destination Virtual Account: 1\_EMEAR Demo  
Destination Device Type: UDI PID-TEST\_LRP

**SKUs to Convert**

SKU	Licenses	Type	Expiration Date	Available to Convert	Quantity to Convert
C1-ISE-BASE-T	Testonly_q2ty14_smart_desc_V1, ISE Base S...	Term	2022-Jul-26	100	100

Cancel Back **Convert Licenses**

At the Review and Confirm stage you will see a warning message showing that once the licenses have been converted to Smart Licensing they will no longer appear in LRP.

# License

## Conversion

### Convert Classic Licenses to Smart Licenses

The **Convert Licenses** Tab contains devices in your Smart Account that are using traditional licenses and can be converted to Smart Software Licenses. If you do not see a device in the table, ensure that it has been assigned to your Smart Account in the License Registration Portal.

1 Click on **Convert Licenses**.

Cisco Software Central > Smart Software Licensing

Cisco Demo Customer Smart Account

### Smart Software Licensing

Feedback Support Help

Alerts | Inventory | **Convert to Smart Licensing** | Reports | Preferences | On-Prem Accounts | Activity

#### License Conversion

Convert PAKs | **Convert Licenses** | Conversion History | Conversion Settings | Event Log

The table below contains devices in your Smart Account that are using traditional licenses that can be converted to Smart Software Licenses. If you do not see a device you expect to see in the table, ensure that it has been assigned to your Smart Account in the [Product License Registration Portal](#). You can also try entering the device information in the [License Conversion wizard](#).

There may be licenses that are eligible to be converted, based on your [automatic conversion settings](#). [Convert Now...](#)

Last Updated : 2020-Jan-07 02:31:02

[Convert from a Device File...](#)

Device Identifier	Product Family	Eligible SKUs	Virtual Account	Status	Actions
ABC123, ABC123	Cloud Services Router	L-CSR-50M-AX= (1)	4_AMER Demo		<b>Convert License...</b>
CSR1000V, 948IPY...	Cloud Services Router	L-CSR-10G-IPB= (1)	rbclabdemo.cisco08.com		Convert License...
CSR1000V, 9KPPQ...	Cloud Services Router	L-CSR-100M-AX= (1)	CITVMSP0D		Convert License...

# License Conversion

## Convert Classic Licenses to Smart Licenses – Select Licenses

In **Step 1: Select Licenses**, you will see the License Key and the Product Family selected, as well as the Virtual Account the device is in.

**1** Select the destination **Virtual Account** from the drop down, as well as the **License SKU** you would like to convert. *Only Virtual Accounts you have access to will be displayed.*

**2** Click on **Next**.

**Convert to Smart Software Licenses**

STEP 1 **Select Licenses** | STEP 2 Review and Confirm

Select the licenses you want to convert to Smart Software Licenses and the Destination Virtual Account to contain them. If the SKU allows partial fulfillment, you will be able to choose the number of licenses to convert, otherwise all licenses in the SKU will be converted.

**Device Details**

Device Identifiers: CISCO2811 (UDI Product ID), 12345123451 (UDI Serial Number)  
Product Family: Cloud Services Router  
Device Virtual Account: MCE

**Licenses to Convert**

Destination Virtual Account: California

**NOTE:** This device requires all installed licenses to be converted at once; you cannot convert only a subset of licenses.

Transaction ID	SKU	Quantity	Type	Expiration Date	Converts to Smart License	Quantity to Convert
75634556	L-CSR-MEM-4G=	10	Perpetual	-	CSR 1KV MEMORY 4G	10

Cancel Next

If there is a mapping between the License SKUs and the Device Type, you will need to select a Device Type in Step 1. However, if there is no mapping in the backend, the Destination Device Type drop-down will not appear in Step 1.

# License

## Conversion

### Convert Classic Licenses to Smart Licenses – Review and Confirm

1 In the second step, **Review and Confirm**, you will see a warning message that once the licenses have been converted to Smart Licensing, they will no longer appear in LRP.

2 Review your selections, and then confirm by clicking on **Convert Licenses**.

**Convert to Smart Software Licenses**

STEP 1 ✓ Select Licenses | STEP 2 Review and Confirm

**Device Details**

Device Identifiers: CISCO2811 (UDI Product ID), 12345123451 (UDI Serial Number)  
Product Family: Cloud Services Router  
Device Virtual Account: MCE

**Licenses to Convert**

Destination Virtual Account: California

SKU	Quantity	Type	Expiration Date	Converts to Smart License	Quantity to Convert
L-CSR-MEM-4G=	10	Perpetual	-	CSR 1KV MEMORY 4G	10
TALOS_TESTPID	10	Perpetual	-	TALOS_TEST1, TALOS_TEST5...	10

1 Since all of the licenses are being converted to Smart Licensing, they will no longer appear in the Product License Registration application.

2 **Convert Licenses**

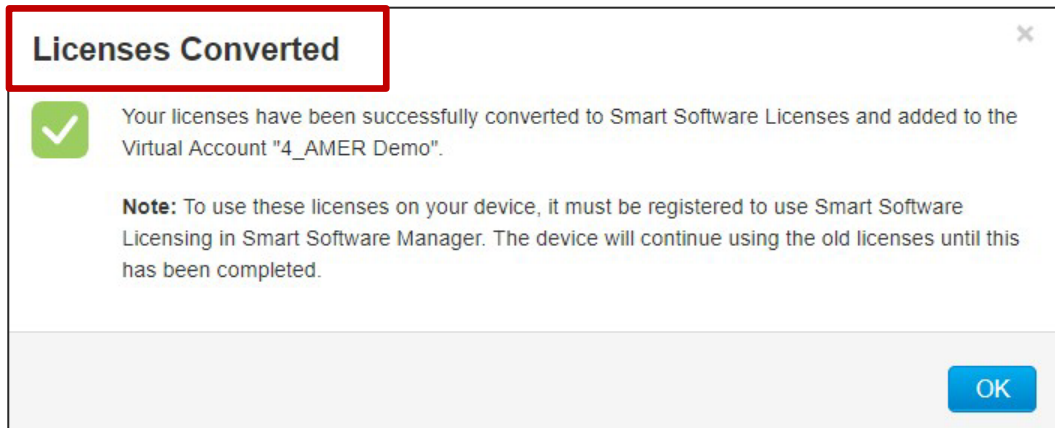
# License

## Conversion

### Convert Classic Licenses to Smart Licenses – Confirmation Message

You will receive a confirmation message showing that **your licenses have been successfully converted**.

In order to use these licenses on your device, it must be registered to use Smart Software Licensing in Smart Software Manager.



# License Conversion

1 In the **Event Log** tab, you can access the latest changes, including a message featuring change descriptions.

The screenshot shows the Cisco Software Central interface for Smart Software Licensing. The breadcrumb trail is "Cisco Software Central > Smart Software Licensing". The page title is "Smart Software Licensing" with links for "Feedback", "Support", and "Help". A navigation bar includes "Alerts", "Inventory", "Convert to Smart Licensing", "Reports", "Preferences", "On-Prem Accounts", and "Activity". Below this, the "License Conversion" section is visible, with a sub-tab bar containing "Convert PAKs", "Convert Licenses", "Conversion History", "Conversion Settings", and "Event Log". The "Event Log" tab is highlighted with a red box. Below the tabs is a search bar labeled "Search by Virtual Account or License" and a table with columns "Message", "Time", and "User". One entry is shown: "1 new 'CSR 1KV AX 1G' term license was added to the Virtual Account '4\_AMER Demo' via Smart License Conversion (UDI Serial Number: QWERTY, UDI Product ID: 123456)" with a time of "2017-Oct-08 19:11:04" and user "askocka".

This screenshot shows the same interface as above, but with a "Message" popup window open. The popup contains the text: "1 new 'CSR 1KV AX 1G' term license was added to the Virtual Account '4\_AMER Demo' via Smart License Conversion (UDI Serial Number: QWERTY, UDI Product ID: 123456)". Below the text is a prompt: "Press ctrl + c to copy selected text to clipboard." The background interface is dimmed, showing the "Event Log" tab and the table entry from the previous screenshot. A red arrow points from the "Event Log" tab in the first screenshot to this second screenshot.

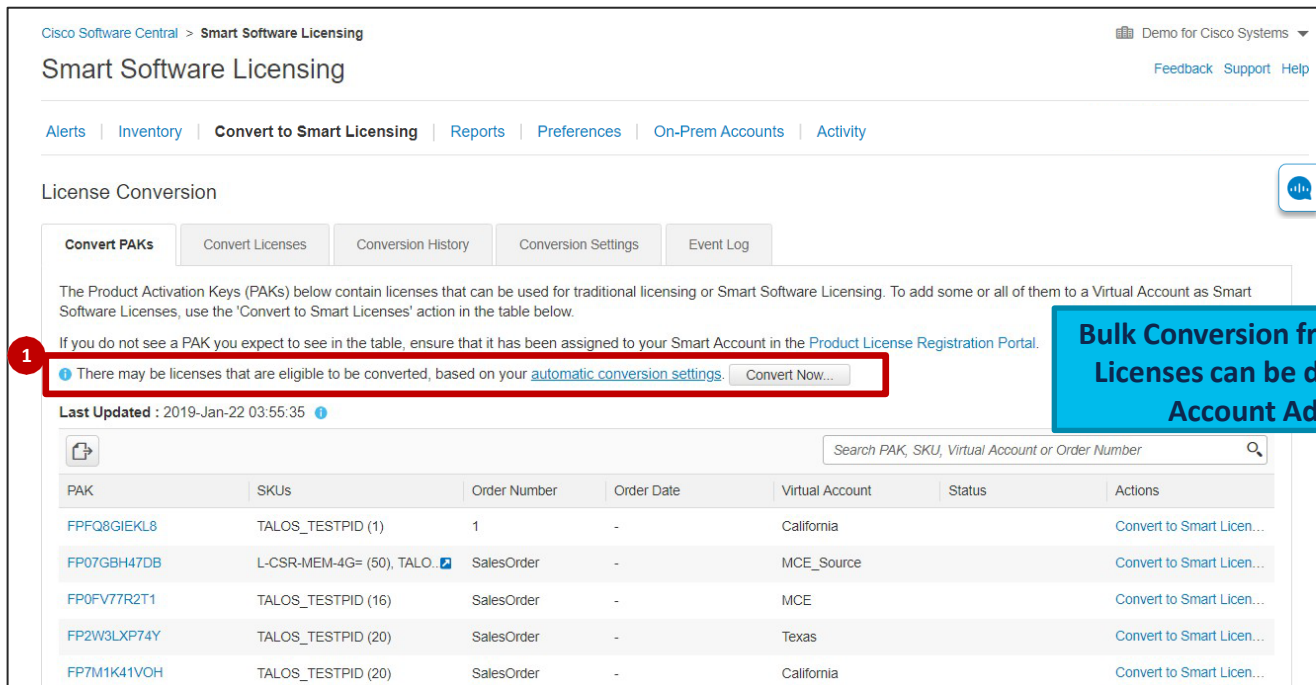


# License

# Conversion

## Convert Classic Licenses to Smart Licenses – Automatic and Bulk Conversion

- 1 You can now convert Hybrid SKUs from Classic to Smart Licenses in bulk (convert multiple licenses at once). You can also set up the automatic License Conversion of Hybrid SKUs to Smart Licenses.



Cisco Software Central > Smart Software Licensing Demo for Cisco Systems

### Smart Software Licensing

[Feedback](#) [Support](#) [Help](#)

[Alerts](#) | [Inventory](#) | **Convert to Smart Licensing** | [Reports](#) | [Preferences](#) | [On-Prem Accounts](#) | [Activity](#)

#### License Conversion

**Convert PAKs** | Convert Licenses | Conversion History | Conversion Settings | Event Log

The Product Activation Keys (PAKs) below contain licenses that can be used for traditional licensing or Smart Software Licensing. To add some or all of them to a Virtual Account as Smart Software Licenses, use the 'Convert to Smart Licenses' action in the table below.

- 1 If you do not see a PAK you expect to see in the table, ensure that it has been assigned to your Smart Account in the [Product License Registration Portal](#).

**1** There may be licenses that are eligible to be converted, based on your [automatic conversion settings](#).

Last Updated : 2019-Jan-22 03:55:35

PAK	SKUs	Order Number	Order Date	Virtual Account	Status	Actions
FPFQ8GIEKL8	TALOS_TESTPID (1)	1	-	California		<a href="#">Convert to Smart Licen...</a>
FP07GBH47DB	L-CSR-MEM-4G= (60), TALO. <input checked="" type="checkbox"/>	SalesOrder	-	MCE_Source		<a href="#">Convert to Smart Licen...</a>
FP0FV77R2T1	TALOS_TESTPID (16)	SalesOrder	-	MCE		<a href="#">Convert to Smart Licen...</a>
FP2W3LXP74Y	TALOS_TESTPID (20)	SalesOrder	-	Texas		<a href="#">Convert to Smart Licen...</a>
FP7M1K41VOH	TALOS_TESTPID (20)	SalesOrder	-	California		<a href="#">Convert to Smart Licen...</a>

**Bulk Conversion from Classic to Smart Licenses can be done only by Smart Account Administrators.**

# License

## Conversion

### Convert Class Licenses to Smart Licenses – Conversion Settings

In the **Conversion Settings** tab, the Smart Account Admin can add or modify License Conversion settings.

1 For **Device Led Conversion to Smart Licensing**, you can choose one of the 3 options:

- **Enabled on all Virtual Accounts**
- **Enabled on Selected Virtual Accounts**
- **Disabled**



**It is recommended to enable Automatic Device-Led Conversion on all Virtual Accounts**

Cisco Software Central > Smart Software Licensing Demo for Cisco Systems ▾

### Smart Software Licensing Feedback Support Help

Alerts | Inventory | **Convert to Smart Licensing** | Reports | Preferences | On-Prem Accounts | Activity

#### License Conversion Chat

Convert PAKs | Convert Licenses | Conversion History | **Conversion Settings** | Event Log

#### Device Led Conversion to Smart Licensing

When product instances register with a virtual account to use Smart Licensing, any traditional or Right to Use (RTU) licenses on them will be converted to Smart Licenses.

Please note that this capability must be enabled on the product instances prior to registration.

1 Enabled on All Virtual Accounts  
Enabled on selected Virtual Accounts  
Disabled

# License

## Conversion

### Convert Traditional Licenses to Smart Licenses – Conversion Settings

In the **Conversion Settings** tab, the Smart Account Admin can **1 enable Automatic Conversion to Smart Licensing** and decide which PAKs should be automatically converted to Smart Licenses when a PAK is assigned to a Smart Account as part of a new order.

- 2** You can choose either **PAKs in All Virtual Accounts** or **PAKs in Selected Virtual Accounts**.
- 3** If you choose **PAKs in Selected Virtual Accounts**, you need to select the Virtual Account(s) from the dialog box: select and move to the right-hand side using the arrows.

Automatic Conversion to Smart Licensing

Select when traditional licenses are converted to Smart Licenses

When Product Authorization Keys (PAKs) are Assigned to a Smart Account  
When a PAK is assigned to a Smart Account as part of a new order, the traditional licenses on it will be converted to Smart Licenses and added to your inventory.

Select which PAKs should be converted:

Virtual Accounts: **2** PAK in Selected Virtual Accoi ▼  
PAKs in All Virtual Accounts  
PAK in Selected Virtual Accounts  
California

Products: All Products ▼ 3 selected

Select Virtual Accounts - Convert to Smart Licensing

Available Virtual Accounts: Search x Q  
Colorado  
DEFAULT  
Florida  
MCE  
MCE\_Destination 2  
MCE\_No VA  
MCE\_Source  
MCE\_convert to Smart  
Nevada

Selected Virtual Accounts: Search x Q  
California

11 shown 1 selected

OK Cancel



**It is recommended to enable Automatic Conversion to Smart Licensing on all Virtual Accounts and for all Products.**

# License

## Conversion

### Conversion of Licenses to Smart Licenses – Conversion Settings

- 1 In the **Conversion Settings** tab, you can choose to automatically convert PAKs for **All Products** or for **Selected Products**.
- 2 If you choose **Selected Products**, you need to select one or more Available Products from the dialog box: select and move to the right-hand side using the arrows.

Automatic Conversion to Smart Licensing

Select when traditional licenses are converted to Smart Licenses

When Product Authorization Keys (PAKs) are Assigned to a Smart Account  
When a PAK is assigned to a Smart Account as part of a new order, the traditional licenses on it will be converted to Smart Licenses and added to your inventory.

Select which PAKs should be converted:

Virtual Accounts: PAK in Selected Virtual Accoi ▾

MCE  
Florida  
California

Products: Edit 3 selected

1 All Products  
All Products  
Selected Products

2 Select Products - Convert to Smart Licensing

Available Products: Search x Q

1.0  
1.0  
1.1 testing\_us8910\_KT\_Display  
1000V  
10052018test1v1 disp name  
10052018test1v2 disp name  
10BB\_US\_8901\_new  
10octVd1  
12112018002\_dn1

736 shown

>>  
>  
<  
<<

\* Selected Products: Search x Q

ASR901

1 selected

OK Cancel

# License

## Conversion

### Convert Classic Licenses to Smart Licenses – Conversion Settings

In the **Conversion Settings** tab, the Smart Account Admin can **1 enable Automatic Conversion to Smart Licensing** and **decide which Licenses on a Device** should be automatically converted to Smart Licenses when a Device is assigned to a Smart Account as part of a new order.

**2** You can choose either **Devices in All Virtual Accounts** or **Devices in Selected Virtual Accounts**.

**3** If you choose **Devices in Selected Virtual Accounts**, you need to select the Virtual Account(s) from the dialog box: select and move to the right-hand side using the arrows.

**1**

When Devices are assigned to a Smart Account  
When a device is assigned to a Smart Account as part of a new order, the traditional licenses on it will be converted to Smart Licenses and added to your inventory.

Select which Devices should be converted:

Virtual Accounts: **2** Devices in All Virtual Accounts  
Devices in Selected Virtual Accounts

Products: All Products

**3**

Select Virtual Accounts - Convert to Smart Licensing

Available Virtual Accounts:

Search [x] [Q]

- Colorado
- DEFAULT
- Florida**
- MCE
- MCE\_Destination 2
- MCE\_No VA
- MCE\_Source
- MCE\_convert to Smart
- Nevada

11 shown

Selected Virtual Accounts:

Search [x] [Q]

- California

1 selected

OK Cancel

# License

## Conversion

### Convert Traditional Licenses to Smart Licenses – Conversion Settings

- 1 In the **Conversion Settings** tab, you can choose to automatically convert **Licenses on Devices** for **All Products** or for **Selected Products**.
- 2 If you choose **Selected Products**, you need to select one or more Available Products from the dialog box: select and move to the right-hand side using the arrows.
- 3 After changing any of the Conversion Settings, you need to **click Save**.

The screenshot shows the 'Conversion Settings' interface with a 'Save' button highlighted by a red box and a '3'. A 'Select Products - Convert to Smart Licensing' dialog box is open, showing a list of available products and a search bar. The 'Selected Products' list contains 'ASR901'. A red box highlights the '>' arrow button between the two lists, and a red arrow points from the 'Selected Products' list back to the 'Products' dropdown in the main settings, which is also highlighted with a red box and a '1'. The dialog box also shows '736 shown' and '1 selected'.

When Devices are assigned to a Smart Account  
When a device is assigned to a Smart Account as part of a new order, the traditional licenses on it will be converted to Smart Licenses and added to your inventory.

Select which Devices should be converted:

Virtual Accounts:

Products:  **1**

**3**

**2** Select Products - Convert to Smart Licensing

Available Products:

Search

1.0  
1.0  
1.1 testing\_us8910\_KT\_Display  
**1000V**  
10052018test1v1 disp name  
10052018test1v2 disp name  
10BB\_US\_8901\_new  
10octVd1  
12112018002\_dn1

736 shown

\* Selected Products:

Search

ASR901

1 selected

# License Conversion

## Convert Licenses to Smart Licenses

- 1 In the **Convert PAKs** tab, the Smart Account Admin can **Convert PAKs to Smart Licenses in bulk**. Click on **Convert Now**.
- 2 In the dialog box, you are informed that eligible Licenses will be converted to Smart Licenses based on your automatic conversion settings.
- 3 Click **OK**. When converted, the Licenses will appear in your **Inventory** tab.

The screenshot shows the Cisco Software Central interface for Smart Software Licensing. The 'Convert to Smart Licensing' tab is active, and the 'Convert PAKs' button is highlighted with a red box. Below it, the 'Convert Now...' button is also highlighted with a red box and labeled with a red '1'. A red arrow points from this button to a dialog box titled 'Convert Eligible Licenses'. The dialog box contains the following text:

**Convert Eligible Licenses**

2 If there are any licenses that are eligible to be converted, based on your [automatic conversion settings](#), they will be converted now. When licenses are converted, they will be removed from the conversion tabs and will appear in your inventory. If an error occurs, a notification will appear in the Alerts tab. Please note that license conversion cannot be reversed.

You will need to [open a support case](#) to revert from Smart Licenses back to traditional licenses.

3 **OK** Cancel

The dialog box also features a close button (X) in the top right corner.

The background interface shows a table of Product Activation Keys (PAKs) with columns for PAK, SKUs, Order Number, Order Date, Virtual Account, and Status. The table contains several rows of data, including PAKs like FPFQ8GIEK8 and FP07GBH47DB.

# License

## Conversion

- 1 The Smart Account Admin can **Convert PAKs to Smart Licenses in bulk** also in the **Convert Licenses tab**. Click on **Convert Now**.
- 2 In the dialog box, you are informed that eligible Licenses will be converted to Smart Licenses based on your automatic conversion settings.
- 3 Click **OK**. When converted, the Licenses will appear in your **Inventory** tab.

Cisco Software Central > Smart Software Licensing

### Smart Software Licensing

Alerts | Inventory | **Convert to Smart Licensing** | Reports | Preferences | On-Prem Accounts | Activity

#### License Conversion

Convert PAKs | **Convert Licenses** | Conversion History | Conversion Settings | Event Log

The table below contains devices in your Smart Account that are using traditional licenses that can be converted to Smart Software Licenses. If you do not see the table, ensure that it has been assigned to your Smart Account in the [Product License Registration Portal](#). You can also try entering the device information wizard.

There may be licenses that are eligible to be converted, based on your [automatic conversion settings](#). **Convert Now...**

Last Updated : 2019-Jan-23 06:41:44

Device Identifier	Product Family	Eligible SKUs	Virtual Account	Status
CISCO2811, 123451...	Cloud Services Router	L-CSR-MEM-4G= (10), TALOS_TESTPID (10)	MCE	<a href="#">Convert License...</a>
CSR1000KTS, UDI7...	Cloud Services Router	L-CSR-100M-APP-1Y= (1)	DEFAULT	<a href="#">Convert License...</a>
CSR1000V_KT1, 12...	Cloud Services Router	L-CSR-MEM-4G= (4), TALOS_TESTPID (4)	MCE	<a href="#">Convert License...</a>

Showing All 3 Records

### Convert Eligible Licenses

If there are any licenses that are eligible to be converted, based on your [automatic conversion settings](#), they will be converted now. When licenses are converted, they will be removed from the conversion tabs and will appear in your inventory. If an error occurs, a notification will appear in the Alerts tab. Please note that license conversion cannot be reversed.

You will need to [open a support case](#) to revert from Smart Licenses back to traditional licenses.

**OK** Cancel



# Key Takeaways



## Benefits of Smart License

- 1) Complete view
- 2) Easy Registration
- 3) Company-specific
- 4) Unlocked



## Classic to Smart License Conversion

There are multiple ways the Account Admin can convert the Classic license to Smart: Either in LRP or CSSM.



## Smart Licensing Features

The alerts and preference settings are for your convenience to manage Smart Licenses easily.



PAK



License



Reports



Preferences

*Quiz Time*





## Quiz 4

There are some ways to convert Classic license to Smart License.

- A. *The user with the admin role can convert to Smart License only in License Registration portal (LRP).*
- B. *The user with the admin role can convert to Smart License only in Software Manager (CSSM).*
- C. *The user with the admin role can convert to Smart License both in LRP and CSSM.*
- D. *The user with the admin role can convert to Smart License neither in LRP or CSSM.*



## Quiz 4 Answer

There are some ways to convert Classic license to Smart License.

- A. *The user with the admin role can convert to Smart License only in License Registration portal (LRP).*
- B. *The user with the admin role can convert to Smart License only in Software Manager (CSSM).*
- C. *The user with the admin role can convert to Smart License both in LRP and CSSM.*
- D. *The user with the admin role can convert to Smart License neither in LRP or CSSM.*



# More resources about Smart Licensing



[VOD: Classic license assignment to Smart Account/virtual account](#)

- Unfulfilled PAK to be assigned to Smart Account in LRP



[Guide: Virtual Account Custom Tagging](#)



[Guide: User Groups in Smart Account Management](#)

- Create a user group
- Send message to user group members



[VOD: Introduction to CSSM On-Prem](#)

- How it works
- On-Prem benefits
- On-Prem deployment modes

## Smart Account Basics & Management

1. What is Smart Account?
2. How to manage Smart Accounts
  - Property
  - Virtual Accounts
  - Users

## License Management

1. Reports
2. Preferences
3. On-Prem accounts
4. Alerts
5. Move licenses between SAs & Virtual Accounts
6. Smart Licensing vs traditional licensing
7. Convert traditional licenses into Smart Licenses

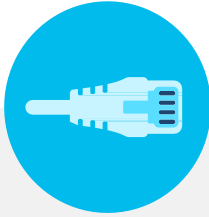
## Smart Licensing Deployment Methods

- Smart Licensing when direct access to the Cisco cloud is not allowed.
- Smart Software Manager On-prem “Satellite” Specific License Reservation (SLR) and Permanent LR (PLR)
- Smart Licensing Using Policy

# Smart Licensing Deployment Methods

1. **Direct Cloud Access**
  - Direct cloud access
  - Direct cloud access through an HTTP proxy
2. **On-Prem (Satellite)**
  - Connected On-Prem access
  - Disconnected On-Prem access
3. **Full Offline Access**
  - Specific License Reservation (SLR)
  - Permanent License Reservation (PLR)
4. **Smart Licensing Using Policy (SLUP)**

# Smart Licensing Deployment Options



## Direct

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



## On-Prem

- Cisco products send usage information to a locally installed on-prem server or Cisco Smart Licensing Utility (CSLU).
- Periodically, exchange information with Cisco to keep on-prem server sync .
- Periodic sync between CSLU with Cisco will make sure consumption data is right reflected in Cisco.
- CSLU will be available as light weight stand alone or as an integration solution with other controllers.
- This synchronization can occur automatically in connected environments or manually in disconnected environments.



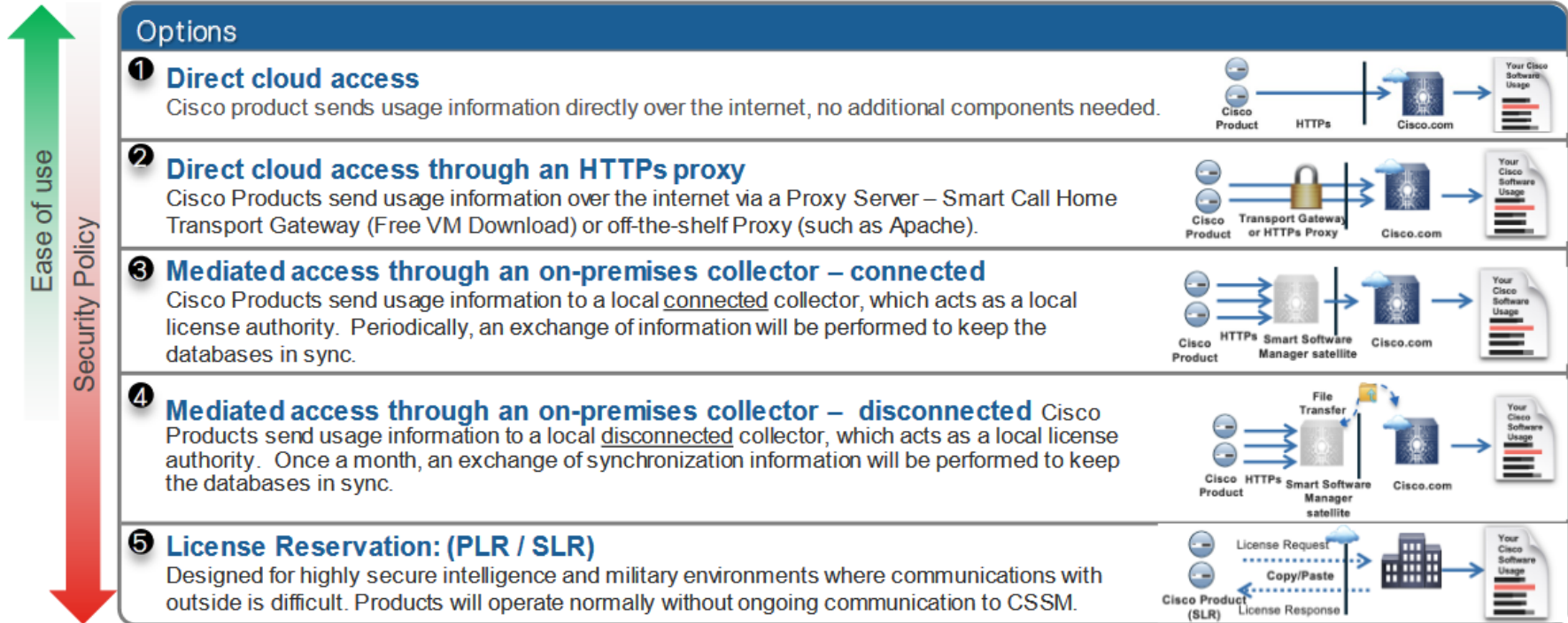
## Offline

(not recommended)

- Use copy/paste information between product and Cisco.com to manually check in and out licenses.
- Functionally equivalent to current node locking, but with Smart License tracking.



# Methods for Securely Communicating with Cisco



# New Deployment Method for Smart Licensing



## Smart Licensing Using Policy (SLUP)

- This Smart Licensing Using Policy removes Day 0 friction by eliminating the evaluation mode that requires registration before use, enabling immediate value for Cisco customers. This new way of deployment gives customers the flexibility to submit license usage reports per the reporting policy installed on their devices.
- The new deployment method for Smart Licensing simplifies the way end customers activate and manage their licenses. This allows customers to have an easier, faster, and more consistent way to purchase, renew, or upgrade their licenses. In addition:
  - No evaluation mode at product boot, and no registration is required in cisco.com
  - There is no on-going communication with Cisco DNA Cloud, per device
  - Reporting of software use is required
  - There is no network deployment operating expense
- For more Information – Visit [here](#).

# Key Takeaways



Cloud  
Access



Satellite



LR



SLUP



## Smart License Deployment Methods

- 1) Stay with the default Direct Cloud Access for ease of the use.
- 2) On-Prem and License Reservation methods are available depending on the connectivity environment.



## New Development Method: Smart License Using Policy

- 1) The simplified day-0 operations for customers.
- 2) Reporting is required.

*Quiz Time*



# Quiz 5



*Smart Licensing Using Policy is ...*

- A. No evaluation mode at product boot, and no registration is required in cisco.com*
- B. Evaluation mode at product boot, and registration is required*
- C. Neither of A or B.*



## Quiz 5 Answer

*Smart Licensing Using Policy is ...*

- A. *No evaluation mode at product boot, and no registration is required in cisco.com*
- B. *Evaluation mode at product boot, and registration is required*
- C. *Neither of A or B.*

# Customer Support

- Opening a support case -



## **Software Licensing Support:**

If you have support questions about Software Licensing, open a case via [Support Case Manager \(SCM\)](#).

[www.cisco.com/go/scm](http://www.cisco.com/go/scm)



## **Product Support:**

### **Technical Assistance Center (TAC)**

For Technical Support questions, please contact Cisco TAC:

[Worldwide Support Contacts](#)



# More resources about Smart Licensing Deployment Methods



Guide: [Smart Licensing SLR](#)

- Overview
- How it works



FAQ: [Smart Licensing using policy](#)

- New development method



Guide: [Case Management for Licensing Support](#)



# Questions?



# Upcoming Webinars on Partner Operations

Get Smart  
with Smart Account

## [Global session:](#)

Wednesday, July 13<sup>th</sup>, 2022, at 8 am (San Francisco time PDT)

Wednesday, July 13<sup>th</sup>, 2022, at 5 pm (Summertime, Berlin GMT+2)

Wednesday, July 13<sup>th</sup>, 2022, at 11 pm (Singapore time, GMT+8)

August Operational  
Readiness Webinars

## [AMER/EMEA session:](#)

Thursday, August 4, 2022 (at 8 am, San Francisco time PDT)

Thursday, August 4, 2022 (at 5 pm, Summertime, Berlin GMT+2)

Visit our [Live Event page!](#)

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3 / 5

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