Connecting the Dots: Smart Account and Smart License Learning Series

An Introduction to Cisco Smart Software Licensing

April 2020
In this session, we will cover:

1. Smart Licenses Overview
2. Benefits of Smart Licenses
3. How to Access Smart Licenses
4. How to Manage Smart Licenses
What is a Smart License?

Smart Software Licensing is NOT a traditional licensing system. Instead, it is similar to a Software Asset Management System (SAM) that answers two questions:

1. What is it that I have purchased?
2. What is it that I am using?
How do classic licenses differ from smart licenses?

**Traditional (Classic) Licenses**

- **Limited View**
  Customers do not know what they own.

- **PAK Registration**
  Manually register each device.

- **Device-Specific**
  Licenses are specific to only one device.

- **Locked**
  Use only what you paid for.

**Smart Licenses**

- **Complete View**
  Software, services, and devices in easy-to-use portal.

- **Easy Registration**
  No PAKs. Easy activation. Ready to use.

- **Company-Specific**
  Flexible licensing. Use across devices.

- **Unlocked**
  Add users and licenses as needed.

Automated Provisioning | Efficient Consumption | License Portability
Dispelling Myths

**Myth** vs **Fact**

1. **Smart License and Smart Account are interchangeable.**
   - No. Smart Account is a container whereas Smart License is a type of license.

2. **Cisco can poll my network and send down commands because I enabled Smart Licensing.**
   - No. With Cisco Smart Software Licensing, communications can never be initiated by Cisco.

3. **Smart License shows the details of customer business interactions, data, type of network traffic, innovations, etc.**
   - No. With Smart License, Cisco only receives the serial #, the account # and product ID.
How to access my Smart Licenses?

Accessing your Smart License starts with Smart Account

First, set up a Smart Account

Second, take actions in Cisco Smart Software Manager (CSSM)

Log into software.cisco.com!
How to Manage my Smart Licenses?

1. **Order Smart Licenses**
   - Buy Licenses on Cisco Commerce Workspace
   - Assign to a Customer Smart Account

2. **View License Pool in CSSM**
   - View your available license pool in Cisco Smart Software Manager (CSSM)

3. **Register a Device in CSSM**
   - Generate a token for the Smart Account-Virtual Account
   - Register the device

4. **Consume a License in CSSM**
   - Consume the license on the registered device

Product Specific Configuration Guides at: cisco.com/go/smartlicensing
Your Information...Your Choice...

1. Direct cloud access (Default)
Cisco product sends usage information directly over the internet or through a HTTP Proxy Server. No additional components are needed.

2. Access Through An On-Premise License Management
Cisco products send usage information to a locally installed satellite. Periodically, exchange information automatically in connected environments or manually in disconnected environments.

3. Full Offline Access – License Reservation
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.
Manage Smart Licenses

Go to software.cisco.com and click the Smart Software Licensing link.
Smart Software Licensing

Tabs related to the Smart Licenses assigned to your Customer Smart Account
The default tab, Alerts, shows alerts related to your license consumption.
### Alerts Tab

**Cisco Software Central > Smart Software Licensing**

#### Smart Software Licensing

**Alerts**

<table>
<thead>
<tr>
<th>Source</th>
<th>Severity</th>
<th>Message</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISE</td>
<td>[ ]</td>
<td>Insufficient Licenses - The Virtual Account &quot;ISE&quot; has a shortage of UC Manager Telepresence Room License (12.x) licenses. 2 licenses are required.</td>
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<td>ISE</td>
<td>[ ]</td>
<td>Insufficient Licenses - The Virtual Account &quot;ISE&quot; has a shortage of UC Manager Enhanced Plus License (12.x) licenses. 1 license is required.</td>
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<tr>
<td>ISE</td>
<td>[ ]</td>
<td>Insufficient Licenses - The Virtual Account &quot;ISE&quot; has a shortage of CUCM Export Restricted Authorization Key licenses. 1 license is required.</td>
</tr>
<tr>
<td>TestELADemo</td>
<td>[ ]</td>
<td>Synchronization Overdue - The Smart Software Manager On-Prem &quot;TestELADemo&quot; has not synchronized for 310 days. If it is not synchronized soon, update the license.</td>
</tr>
<tr>
<td>SupplyChainTestVA</td>
<td></td>
<td>Licenses Expired - 100 &quot;Cisco UCS Central&quot; term licenses in the Virtual Account &quot;SupplyChainTestVA&quot; expired on Apr 15, 2017</td>
</tr>
<tr>
<td>ToBeDeleted-post-OCT</td>
<td></td>
<td>Licenses Expired - 1 &quot;Cisco UCS Central&quot; term license in the Virtual Account &quot;ToBeDeleted-post-OCT&quot; expired on May 31, 2017</td>
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**Notes:**

- Minor alerts do not require any action.
## Alerts Tab

### Smart Software Licensing

#### Alerts Tab

**Cisco Software Central > Smart Software Licensing**

**Smart Software Licensing**

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<tr>
<th>Message</th>
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<th>Action Due</th>
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<td><strong>Synchronization Overdue</strong> - The Smart Software Manager On-Prem &quot;TestELADemo&quot; has not synchronized for 310 days. If it is not synchronized soon, the licensing data in the Virtual Account &quot;TestELADemo&quot; will be incorrect.**</td>
<td>TestELADemo</td>
<td>Now</td>
<td>-</td>
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Major alerts will require specific action.

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Inventory Tab

In the **Inventory** tab,
1. View and toggle between Virtual Accounts using the drop-down menu
2. View licenses and product instances assigned to the selected VA
Convert to Smart Licensing Tab

In the Convert to Smart Licensing tab,
1. Convert PAKs and Classic Licenses to Smart Licenses
2. View conversion History
3. View and change preferred conversion settings
In the Reports tab,
1. Generate custom reports of all smart licenses in the Smart Account.
Preferences Tab

In the Preference tab,
1. View and change license configuration preferences
On-Prem Accounts

In the On-Prem Accounts tab,
1. Manage your On-Prem Accounts, if you are using On-Prem accounts
In the **Activity** tab,

1. View all activities related to your Smart Account chronologically.

### Activity

<table>
<thead>
<tr>
<th>Transaction Date</th>
<th>License SKU</th>
<th>License</th>
<th>Quantity</th>
<th>License Expiration</th>
<th>Virtual Account</th>
<th>Source</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020-Apr-21 03:19:52</td>
<td>C1-ISE-BASE-AP</td>
<td>25</td>
<td>Perpetual</td>
<td>LKB – S0Ms</td>
<td>EA (TRAN ID: TRXREQEPPDO)</td>
<td>Remove Licenses</td>
<td></td>
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Cisco Smart Software Licensing homepage

Cisco SalesConnect

For Smart Account questions, Open a case using Support Case Manager

For Smart License questions, Open a case using Support Case Manager

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