

Cisco WCS Licensing and Ordering Guide

This Cisco® Wireless Control System (WCS) licensing and ordering guide presents ordering guidelines and licensing information for new and existing Cisco WCS deployments that are being upgraded to support Cisco WCS Software Release 5.2 or later.

This guide includes information on buying new or expansion Cisco WCS licenses to deploy on single or multiple servers (enterprise), adding new Cisco WCS enterprise licenses, converting from CiscoWorks Wireless LAN Solution Engine (WLSE) to Cisco WCS, upgrading to the Cisco WCS Location and High Availability option, and deploying the free Cisco WCS Demonstration License.

Overview

Cisco WCS is the industry-leading platform for wireless LAN planning, configuration, and management, and is the management platform for the Cisco Unified Wireless Network. With Cisco WCS, network administrators have a single solution for RF prediction, policy provisioning, network optimization, troubleshooting, reporting, asset tracking, location-based services, security monitoring, and wireless LAN systems management.

Cisco WCS supports Cisco Aironet® lightweight access points, Cisco wireless LAN controllers, and the Cisco 3300 Series Mobility Services Engine. Multiple Cisco WCS management platforms can be managed by Cisco WCS Navigator. Refer to the **WCS Navigator Licensing and Order Guide** at http://www.cisco.com/en/US/products/ps9742/products_data_sheets_list.html.

Cisco WCS licensing entitlement is applicable for new or expanded Cisco WCS deployments on single or multiple servers (enterprise), CiscoWorks WLSE customers upgrading to Cisco WCS, Cisco WCS PLUS upgrades, and existing Cisco WCS installations that are upgrading to Cisco WCS Software Release 5.2 or later. Cisco WCS demonstration licenses are also available.

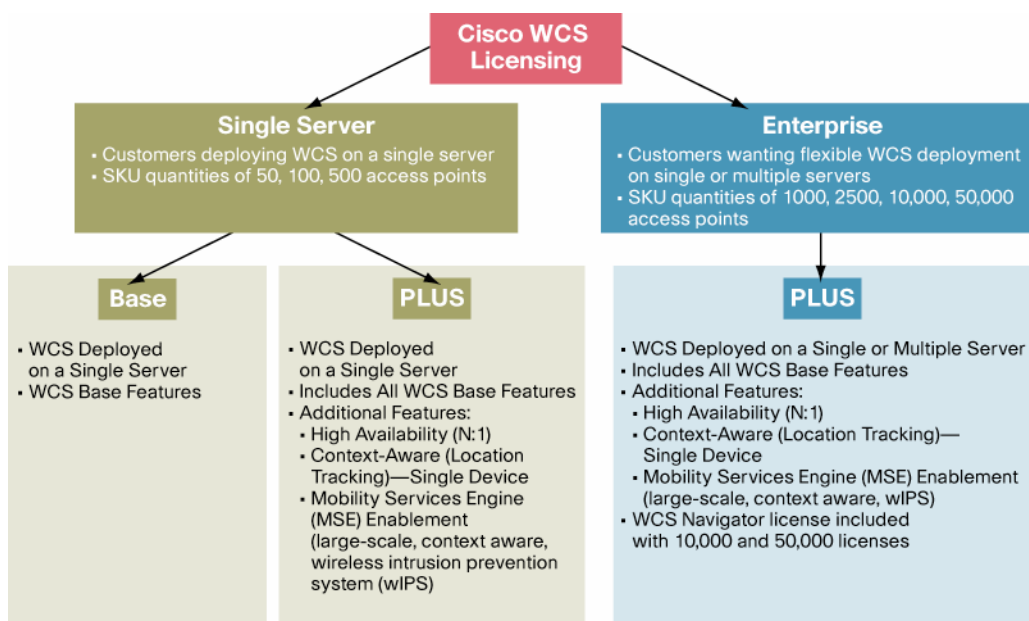
Note: A complete listing of all Cisco WCS licenses is presented in [Table 1](#).

Ordering and Installing Cisco WCS Licenses

Ordering and installing Cisco WCS licenses is a five-step process:

1. Select the correct Cisco WCS SKU. (See [Selecting Cisco WCS SKU](#) and [Figure 1 Cisco WCS Licensing Structure](#))
2. Order the Cisco WCS SKU. (See [Ordering](#)).
3. Install Cisco WCS software after download. (See [Installing Software](#)).
4. Register Product Authorization Key Certificate. (See [Registering PAK Certificate](#)).
5. Install license file on Cisco WCS server(s). (See [Installing License](#)).

Note: For Cisco demonstration license order and install steps, proceed to the Installing [Cisco WCS Demonstration License](#) section.

Figure 1. Cisco WCS Licensing Structure**Step 1: Selecting Cisco WCS SKU**

Cisco WCS is available in either a **Cisco WCS Base** or **Cisco WCS PLUS** configuration.

Cisco WCS Base supports standard Cisco WCS capabilities.

Cisco WCS PLUS includes all WCS Base features **plus** the ability to track location of a single Wi-Fi device such as a client, tag, or rogue access point on demand (limited location), N:1 High Availability (HA) for WCS servers, and Cisco 3300 Series Mobility Services Engine (MSE) management which can expand location capabilities by adding Cisco Context-Aware Software to simultaneously track up to 18,000 assets.

Note: Customers who deploy HA for their WCS servers must have WCS 5.2 or later installed on their primary and secondary servers. Additionally, customers must install a WCS STANDARD-K9 (PLUS configuration) or WCS-ENT-PLUS-K9 license on each of the primary servers that are backed up by the secondary server. (Primary server provides the license for the secondary server. No separate license is required for the secondary server).

Note: Cisco WCS PLUS license products introduced in release 5.2 are backward compatible with existing Cisco WCS Location and Enterprise licenses.

Customers can expand location capabilities beyond a single Wi-Fi device by adding a Cisco 3300 Series Mobility Services Engine to simultaneously track up to 18000 Wi-Fi devices

Refer to the **Cisco 3300 Series Mobility Services Engine Licensing and Ordering Guide**

http://www.cisco.com/en/US/products/ps9742/products_data_sheets_list.html.

Cisco WCS is licensed as either a **single server** or **enterprise** deployment.

Single Server License Overview

- Licenses: WCS-STANDARD-K9, WCS-PLUS-UPG-K9, and WCS-WLSE-UPG-K9
- License increments: 50, 100, 500 (Up to 1500 for WLSE-to-WCS conversion only)
- Single server deployment

- Suitable for customers deploying up to 500 (Up to 1500 for WLSE-to-WCS conversion) Cisco Aironet lightweight access points
- One license file per Product Authorization Key (PAK) certificate
- Available in WCS Base and WCS PLUS configurations

Enterprise Server License (Multiple Servers) Overview (release 4.1 or later)

- License: WCS-ENT-PLUS-K9
- License increments: 1000, 2500, 10000, 50000
- Single or multiple server deployment (Cisco WCS Navigator included in 10000, and 50000 licenses)
- Suitable for customers deploying 500 or more Cisco Aironet lightweight access points
- Multiple license files linked to a single PAK certificate
- Server decrements available number of access points as licenses are allocated within the network

Ordering and Deployment Guidelines for Licenses

Please review the license ordering considerations listed below.

CISCO WCS BASE AND CISCO WCS PLUS LICENSES

- Cisco WCS Base and Cisco WCS PLUS (single server and enterprise) licenses cannot be combined.
- For single server deployments, it is more cost effective to purchase Cisco WCS PLUS initially rather than to upgrade from a Cisco WCS Base to a Cisco WCS PLUS license at a later date.
- All Cisco WCS licenses of the same option (Base or PLUS) are additive. Cisco WCS licenses can be combined to support an incremental number of access points (such as 300, 700, 900) beyond the distinct license increments (such as 50, 100, 500) offered.

Example 1: To purchase a new single server license for 800 access points

Purchase: WCS-STANDARD-K9, (1) WCS-APBASE-500, and (3) WCS-APBASE-100

Example 2: To purchase a new enterprise license for 20,000 access points:

Purchase: WCS-ENT-PLUS-K9, and (2) WCS-ENT-PLUS-10000

SINGLE SERVER AND ENTERPRISE LICENSES

- Single server and Enterprise licenses can co-exist on a Cisco WCS server if the single server license is Cisco WCS PLUS. If a Cisco WCS Base license was ordered initially, it must be upgraded to a Cisco WCS PLUS license before the enterprise license can be added to the single server license.

Example: A customer has an existing Cisco WCS Base license for 500 access points (WCS-APBASE-500). The customer wants to add an additional quantity of 800 access points on multiple Cisco WCS servers for a total of 1300 access points.

Purchase: (1) WCS-PLUS-UPG-500 to upgrade the existing 500 Cisco WCS Base license to a Cisco WCS PLUS license, and (1) WCS-ENT-1000 to support the new 800 access points.

- Once allocated to a server, enterprise licenses cannot be broken down into smaller increments. For example, if a license of 1000 is allocated in increments of 250 within the network, you cannot break down the 250 allocation further.

CISCO WCS SKUS

- All Cisco WCS SKUs can be bought as a discrete SKU (first-time purchase) or as an expansion SKU (added to an existing deployment) unless otherwise noted.
- All Cisco WCS SKUs, except for the Cisco WCS Demonstration License, are orderable using the Cisco Ordering Tool.

- Each license is orderable in specified quantity blocks. To add multiple quantities of license blocks, you must go back to the main screen and order additional family SKUs and then select the sub-SKU option and quantity block required. Repeat this process until the correct quantity of licenses is ordered.
- Cisco WCS licensing is not tied to the type of lightweight access point deployed since Cisco WCS licensing does not distinguish among access point types. Each lightweight access point is counted as one access point license.

Software SKUs

Review the six links below to identify your license requirements as either a NEW or EXISTING customer and to identify the appropriate Cisco WCS Base or Cisco WCS PLUS SKU to order.

Click the link to go to that section.

[Standalone Software Upgrade to Cisco WCS 5.2](#)

[Cisco WCS Base Options for NEW and EXISTING Customers \(WCS-STANDARD-K9\)](#)

[CISCO WLSE-to-Cisco WCS Base CONVERSION for EXISTING customers \(WCS-WLSE-UPG-K9\)](#)

[Cisco Base-to-Cisco PLUS Upgrade for EXISTING customers \(WCS-PLUS-UPG-K9\)](#)

[Cisco WCS PLUS Options for NEW Customers \(WCS-STANDARD-K9, WCS-ENT-PLUS-K9\)](#)

[Cisco WCS PLUS Options for EXISTING Customers \(WCS-STANDARD-K9, WCS-ENT-PLUS-K9, WCS-WLSE-UPG-K9\)](#)

View a complete listing of all Cisco WCS licenses in [Table 1](#).

Standalone Software Upgrade to Cisco WCS 5.2 or Later

If you are an EXISTING Cisco WCS 5.1 customer who wants to upgrade to Cisco WCS 5.2 or later, have a valid SAS/SAU, and are not ordering any licenses, proceed to

<http://tools.cisco.com/support/downloads/go/Redirect.x?mdfid=279705270>.

Log in required.

CISCO WCS BASE OPTIONS FOR NEW AND EXISTING CUSTOMERS (WCS-STANDARD-K9)

- **If you are a NEW Cisco WCS customer** who wants support for 50, 100, or 500 access points in a single server deployment, order WCS-STANDARD-K9 and select one of the Cisco Base options below:
 WCS-APBASE-50: License supports up to 50 access points.
 WCS-APBASE-100: License supports up to 100 access points.
 WCS-APBASE-500: License supports up to 500 access points.
Note: If your access point deployment does not exactly match 50, 100 or 500, you need to order multiple licenses. For example, to support an access point deployment of 250 you would order (2) WCS-APBASE-100 licenses + (1) WCS-APBASE-50 license. This ordering process applies to both new and upgrade orders.
- **If you are an EXISTING Cisco WCS customer** who wants to increase access points support within a single server deployment, order WCS-STANDARD-K9 and select one of the Cisco Base options below:
 WCS-APBASE-50: License supports up to 50 access points.
 WCS-APBASE-100: License supports up to 100 access points.
 WCS-APBASE-500: License supports up to 500 access points.

Note: If your increased access point deployment does not exactly match 50, 100 or 500, you need to order multiple licenses. For example, to support an access point deployment of 250 (and you already have a WCS-BASE-100 license) you would order (1) WCS-APBASE-100 license + (1) WCS-APBASE-50 license.

Note: These are the same licenses ordered by new customers. Licenses are additive and ordered in increments whether ordered for a new or existing deployment.

CISCO WLSE-TO-WCS BASE CONVERSION CUSTOMERS (WCS-WLSE-UPG-K9)

- **If you are a CiscoWorks WLSE (models 1130-19, 1133) customer who wants to convert to Cisco WCS Base**, and wants support for 50, 100, 500 or 1000 access points in a single server deployment, order WCS-WLSE-UPG-K9 and select one of the Cisco Base options below:

WCS-WLSE-APB-50: License supports up to 50 access points.

WCS-WLSE-APB-100: License supports up to 100 access points.

WCS-WLSE-APB-500: License supports up to 500 access points.

WCS-WLSE-APB-1000: License supports up to 1000 access points.

Note: CiscoWorks WLSE Express model 1030, and CiscoWorks WLSE model 1105 are not supported by this SKU. These WLSE models cannot be converted to Cisco WCS.

Note: WLSE licenses are tied to WLSE hardware and cannot be used on non-WLSE hardware.

CISCO BASE-TO-CISCO PLUS UPGRADE FOR EXISTING CUSTOMERS (WCS-PLUS-UPG-K9)

- **If you are an EXISTING customer who wants to upgrade from a Cisco Base to Cisco PLUS license**, order WCS-PLUS-UPG-K9 and select one of the Cisco WCS PLUS upgrade options below:

WCS-PLUS-UPG-50: License supports up to 50 access points.

WCS-PLUS-UPG-100: License supports up to 100 access points.

WCS-PLUS-UPG-500: License supports up to 500 access points.

Note: The number of WCS-PLUS-UPG-K9 licenses purchased must equal or exceed the number of installed WCS Base licenses for the Cisco WCS to register as a Cisco WCS PLUS system. Thereafter, additional capacity is added by ordering PLUS licenses.

CISCO WCS PLUS OPTIONS FOR NEW CUSTOMERS (WCS-STANDARD-K9, WCS-ENT-PLUS-K9)

- **If you are a NEW Cisco WCS customer** with a single server deployment and want location tracking, high availability, and support for 50, 100, or 500 access points, order WCS-STANDARD-K9 and select one of the Cisco WCS PLUS options below:

WCS-PLUS-50: License supports up to 50 access points.

WCS-PLUS-100: License supports up to 100 access points.

WCS-PLUS-500: License supports up to 500 access points.

- **If you are a NEW Cisco WCS customer with an enterprise deployment** and want single device Location tracking, High Availability, and support for 1000, 2500, 10000, or 50000 access points, order WCS-ENT-PLUS-K9 and one of the Cisco WCS PLUS options below:

WCS-ENT-PLUS-1000: License supports up to 1000 access points.

WCS-ENT-PLUS-2500: License supports up to 2500 access points.

WCS-ENT-PLUS-10000: License supports up to 10000 access points.

WCS-ENT-PLUS-50000: License supports up to 50000 access points.

CISCO WCS PLUS OPTIONS FOR EXISTING CUSTOMERS (WCS-STANDARD-K9, WCS-ENT-PLUS-K9, WCS-WLSE-UPG-K9)

- If you are an **EXISTING Cisco WCS PLUS customer with a single server deployment** and want to increase the number of access points supported in your network, order WCS-STANDARD-K9 and one of the Cisco WCS PLUS options below:

WCS-PLUS-50: License supports up to 50 access points.

WCS-PLUS-100: License supports up to 100 access points.

WCS-PLUS-500: License supports up to 500 access points.

Note: These are the same licenses ordered by new customers. Licenses are additive and ordered in increments whether ordered for a new or existing deployment.

- If you are an **EXISTING Cisco WCS PLUS customer with an enterprise deployment** who wants to increase access points support within a multiple server deployment, order WCS-ENT-PLUS-K9 and select one of the Cisco PLUS options below:

WCS-ENT-PLUS-1000: License supports up to 1000 access points.

WCS-ENT-PLUS-2500: License supports up to 2500 access points.

WCS-ENT-PLUS-10000: License supports up to 10000 access points.

WCS-ENT-PLUS-50000: License supports up to 50000 access points.

Note: These are the same licenses ordered by new customers. Licenses are additive and ordered in increments whether ordered for a new or existing deployment.

- If you are an **EXISTING CiscoWorks WLSE (models 1130-19, 1133) customer and want to CONVERT to Cisco WCS PLUS**, and want support for 50, 100, 500 or up to master page1500 access points, order WCS-WLSE-UPG-K9 and select one of the Cisco PLUS options below:

WCS-WLSE-PLUS-50: License supports up to 50 access points.

WCS-WLSE-PLUS-100: License supports up to 100 access points.

WCS-WLSE-PLUS-500: License supports up to 500 access points.

WCS-WLSE-PLUS-1000: License supports up to 1000 access points.

Note: CiscoWorks WLSE Express model 1030 and CiscoWorks WLSE model 1105 are not supported by this SKU. These WLSE models cannot be converted to Cisco WCS.

Note: WLSE licenses are tied to WLSE hardware and cannot be used on non-WLSE hardware.

COMPLETE LISTING OF CISCO WCS LICENSES

Table 1 provides a complete listing of all Cisco WCS license SKUs.

Table 1. Currently Available Cisco WCS Licenses

Product Part Number	Product Description
WCS-STANDARD-K9	
New and Expanded Cisco WCS Deployments	
Cisco WCS Base	
<ul style="list-style-type: none"> • Supports deployment of Cisco WCS on a single server 	
WCS-APBASE-50	Cisco WCS Base license for 50 access points, Windows/Linux
WCS-APBASE-100	Cisco WCS Base license for 100 access points, Windows/Linux
WCS-APBASE-500	Cisco WCS Base license for 500 access points, Windows/Linux

Product Part Number	Product Description
Cisco WCS Plus <ul style="list-style-type: none"> Supports deployment of Cisco WCS on a single server Supports mobility services enablement, high availability, and the ability to track the location of a single Wi-Fi device or tag on demand Backward-compatible with existing Cisco WCS location and enterprise licenses 	
WCS-PLUS-50	Cisco WCS Plus license for mobility services enablement and high availability for 50 access points, Windows/Linux
WCS-PLUS-100	Cisco WCS Plus license for mobility services enablement and high availability for 100 access points, Windows/Linux
WCS-PLUS-500	Cisco WCS Plus license for mobility services enablement and high availability for 500 access points, Windows/Linux
WCS-PLUS-UPG-K9 Upgrading Cisco WCS Base to Cisco WCS Plus	
Cisco WCS Plus Upgrade <ul style="list-style-type: none"> Supports deployment of Cisco WCS on a single server Supports upgrading a Cisco WCS base license to support mobility services enablement, high availability, and location services for one device or tag on demand 	
WCS-PLUS-UPG-50	Cisco WCS Plus Upgrade license with mobility services enablement and high availability supporting 50 access points, Windows/Linux
WCS-PLUS-UPG-100	Cisco WCS Plus Upgrade license with mobility services enablement and high availability supporting 100 access points, Windows/Linux
WCS-PLUS-UPG-500	Cisco WCS Plus Upgrade license with mobility services enablement and high availability supporting 500 access points, Windows/Linux
WCS-ENT-PLUS-K9 Enterprise Plus Licenses for Large-Scale Deployments	
Cisco Enterprise Plus Licenses <ul style="list-style-type: none"> Supports deployment of Cisco WCS on a single or multiple servers Supports mobility services enablement, high availability and the ability to track the location of a single Wi-Fi device or tag on demand Enterprises Plus licenses of 10,000 and 50,000 include a Cisco WCS Navigator (WCS-NAV-20) license These licenses are operational with Cisco Unified Wireless Network Software Release 4.1 and later. 	
WCS-ENT-PLUS-1000	Cisco WCS Enterprise Plus license with mobility services enablement and high availability for 1000 access points, Windows/Linux on multiple Cisco WCS servers
WCS-ENT-PLUS-2500	Cisco WCS Enterprise Plus license with mobility services enablement and high availability for 2500 access points, Windows/Linux on multiple Cisco WCS servers
WCS-ENT-PLUS-10000	Cisco WCS Enterprise Plus license with mobility services enablement and high availability for 10,000 access points, Windows/Linux on multiple Cisco WCS servers. Includes WCS-NAV-20 license
WCS-ENT-PLUS-50000	Cisco WCS Enterprise Plus license with mobility services enablement and high availability for 50,000 access points, Windows/Linux on multiple Cisco WCS servers. Includes WCS-NAV-20 license
WCS-WLSE-UPG-K9 Converting an existing CiscoWorks WLSE to Cisco WCS	
CiscoWorks WLSE Conversion to Cisco WCS Base <ul style="list-style-type: none"> Supports deployment of Cisco WCS on a single server Available for CiscoWorks WLSE Models 1130-19 and 1133 only 	
WCS-WLSE-APB-50	Cisco WCS Base license for WLSE conversion supporting 50 access points, Linux
WCS-WLSE-APB-100	Cisco WCS Base license for WLSE conversion supporting 100 access points, Linux
WCS-WLSE-APB-500	Cisco WCS Base license for WLSE conversion supporting 500 access points, Linux
WCS-WLSE-APB-1000	Cisco WCS Base license for WLSE conversion supporting 1000 access points, Linux
CiscoWorks WLSE Conversion to Cisco WCS Plus <ul style="list-style-type: none"> Supports deployment of Cisco WCS on a single server Available for CiscoWorks WLSE Models 1130-19 and 1133 only Supports mobility services enablement, high availability, and the ability to track the location of a single Wi-Fi device or tag on demand 	
WCS-WLSE-PLUS-50	Cisco WCS Plus license with mobility services enablement and high availability for WLSE conversion supporting 50 access points, Linux
WCS-WLSE-PLUS-100	Cisco WCS Plus license with mobility services enablement and high availability for WLSE conversion supporting 100 access points, Linux
WCS-WLSE-PLUS-500	Cisco WCS Plus license with mobility services enablement and high availability for WLSE conversion supporting 500 access points, Linux
WCS-WLSE-PLUS-1000	Cisco WCS Plus license with mobility services enablement and high availability for WLSE conversion supporting 1000 access points, Linux

Product Part Number	Product Description
AIR-WCS-DEMO-K9 Cisco WCS Demonstration License	<ul style="list-style-type: none"> Step 1. Request the license from http://www.cisco.com/go/license. Step 2. Go to Cisco Wireless Software Center (login required) to download Cisco WCS software. Step 3. Install the Cisco WCS software on the customer-supplied server and enter the Cisco WCS demonstration license information when prompted There is no Cisco Technical Assistance Center (TAC) support for the Cisco WCS demonstration license.
AIR-WCS-DEMO-K9	Free Cisco WCS full featured, location-enabled, 30 day demonstration license supporting 10 Cisco Aironet lightweight access points

Step 2: Ordering

All purchasable Cisco WCS licenses can be ordered from the Cisco Ordering Tool.

To request help with ordering, please contact Cisco Customer Service <http://www.cisco.com/go/customerservice>.

PLEASE FOLLOW THE STEPS BELOW TO PLACE YOUR ORDER.

1. Login to the Cisco Ordering Tool.
2. Enter the family SKU: WCS-STANDARD-K9 or WCS-ENT-PLUS-K9 or WCS-PLUS-UPG-K9 or WCS-WLSE-UPG-K9 into the Enter Product field. Press **Enter**. The Select Options window appears (Figure 2).

Figure 2. Select Options Window

The screenshot shows the Cisco Configuration Tool interface. At the top, there's a navigation bar with 'Cisco Home', 'NPM', 'Login', and 'Profile'. Below that, a 'Configure' header is present. The main area is divided into tabs: 'Configuration Details', 'Select Options' (active), 'Enter Options', and 'Classic Menu Option'. The 'Select Options' tab displays 'WCS-ENT-PLUS-K9' as the selected product. Below this, instructions are provided for selecting options. The left sidebar shows 'SOFTWARE LICENSE OPTION'. The main content area on the right lists four license options, each with a radio button and a quantity of 1. The 'WCS-ENT-PLUS-2500' option is selected. At the bottom, there are buttons for 'Delete All', 'New Configuration', 'Save', and 'Check Configuration'.

3. Click **Software License Option** (left panel). The subordinate license options display (right panel).
4. Click the circle next to license quantity (such as WCS-ENT-PLUS-2500) that you want to order.
5. Click **Check Configuration**. A summary of your order appears (Figure 3).

Figure 3. Check Configuration Window

Cisco Configuration Tool
Completed Configuration
 You are logged in as: EKINNIER

You have successfully completed your configuration!

Price List: Global Price List US Availability
 Service Level: No Service
 Service Length: N/A
[Change BID](#) [Update](#)

Show Discount: ☒ Yes ☐ No

Product Number and Description	% Discount	Qty	Price	Lead Time
WCS-ENT-PLUS-K9 Family SKU for WCS Enterprise PLUS License Products	0.0	1	N/A	
WCS-ENT-PLUS-2500 Cisco WCS Enterprise PLUS License for 2500 APs/Windows/Linux	0.00	1	N/A	14 Days

Estimated Lead Time: 14 Days Estimated Price: USD 0.00

[Email Configuration](#) [Print](#) [Download](#) [Apply Discount](#) [New Configuration](#) [Edit Configuration](#) [Save](#)

- Click Save to save the configuration.

Note: For the **WCS-STANDARD-K9** and **WCS-PLUS-UPG-K9** SKU families, customers are prompted to order an optional CD (WCS-CD-K9) for a nominal charge during the ordering process. The WCS-CD-K9 contains one software image of Cisco WCS software on a CD for Windows and Linux. This CD is shipped by U.S. mail to the purchaser's address. The optional CD is not available for WCS-WLSE-UPG-K9 because this SKU family automatically ships in CD format.

Note: You can only order one license quantity at a time (such as **WCS-ENT-PLUS-2500**). If you need to order multiple licenses to meet your access point support requirements, you must go back to the main screen and reorder both the family SKU and subordinate SKU. Repeat this process as needed, until the correct quantity of licenses is ordered.

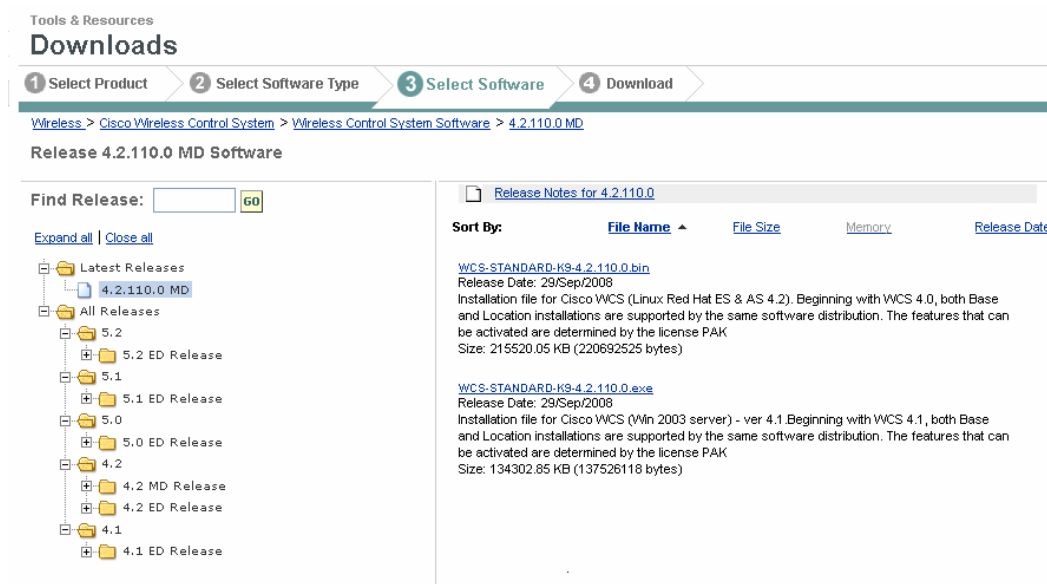
- To return to the Main Screen to order additional license SKUs click New Configuration.
- Repeat steps 2 through 7 until you order your license quantity needs.

Step 3: Installing Software

You can download software during the ordering process.

PLEASE FOLLOW THESE STEPS TO DOWNLOAD AND INSTALL SOFTWARE

- Go to <http://tools.cisco.com/support/downloads/go/Redirect.x?mdfid=279705270> and log in.
- Click on the appropriate link in the table (see Figure 4).

Figure 4. Select release from software download window

3. Download software.
4. Install the Cisco WCS software on your server(s).

PLEASE FOLLOW THESE STEPS TO INSTALL SOFTWARE FROM A CD

1. If it is a WLSE-to-WCS conversion, do the conversion before installing Cisco WCS software.
2. Install the Cisco WCS software on your server.

Step 4: Registering PAK Certificate

All purchased Cisco WCS SKUs require a PAK certificate to register the Cisco WCS license. All customers who ordered new licenses and those upgrading from release 3.x will receive a PAK certificate either by US mail or by email.

US mailed PAK: New or existing customers that are purchasing new Cisco WCS licenses from the Cisco Ordering Tool will receive their PAK as a paper certificate through the US mail. Cisco sends the PAK upon purchase of the Cisco WCS SKUs.

Emailed PAK: Existing Cisco WCS customers who are upgrading from Cisco WCS Software Release 3.x to Cisco WCS software release 4.x or greater will receive their PAK certificate by email from the alias wcs-customer-license@cisco.com.

PLEASE FOLLOW THESE STEPS TO REGISTER PAK CERTIFICATE

1. Login and go to the licensing site at <http://cisco.com/go/license>.
2. Follow the instructions on the web site to register the licenses using the PAK certificate.
Customer email address and host name are required to register.

Additionally, if it is a single server license, confirm SKU ordered (WCS Base or WCS PLUS); and if it is an enterprise license, specify the number of access points to be decremented.

Note: For Cisco WCS demonstration licenses, PAK certificate registration is automatically completed during the Cisco WCS demonstration license registration when the customer enters the host name of their server.

3. Look for an email from licensing@cisco.com with the license file.

If you do not receive an email within an hour of registering your PAK, check your junk email folder. If you cannot locate the email, please contact Cisco TAC at (800) 553-2447 or tac@cisco.com.

Step 5: Installing License on Cisco WCS Server

If you need help installing your license file please contact Cisco TAC at (800) 553-2447 or tac@cisco.com.

PLEASE FOLLOW THESE STEPS TO INSTALL LICENSE FILE

1. Install Cisco WCS software if not already completed.
2. Save the license file (.lic) to a temporary directory on your hard drive. (You will receive an email from Cisco with an attached license file).
3. Open a supported version of the Internet Explorer browser.
4. In the location or address field, enter the following URL, replacing IP address with the IP address or host name of the Cisco WCS server: **https: // <IP address>**.
5. Log in to the Cisco WCS server as system administrator. (Be aware that usernames and passwords are case-sensitive.).
6. From the Help menu select **Licensing**.
7. On the Licensing page, from the command menu select **Add License....**
8. On the Add License page, click **Browse** to navigate to the location where you saved the .lic file.
9. Click **Download**. The Cisco WCS server imports the license.

Installing Cisco WCS Demonstration License

You can experience Cisco WCS, the industry's leading platform for wireless LAN planning, configuration, management, and mobility services, for **free** for 30 days by downloading the new full-featured, location-enabled Cisco WCS Demonstration License (WCS-DEMO-K9). The demonstration license is only available by download.

This license supports 10 access points for up to 30 days on a single server. Network configurations and set up for the demonstration license are retained to make it easier to transition to a licensed Cisco WCS copy.

The Cisco WCS demonstration license 30 day period begins on the day the license is downloaded. Cisco TAC support is not available for the Cisco WCS Demonstration License.

PLEASE FOLLOW THESE STEPS TO REQUEST AND INSTALL WCS DEMO CD

1. Request Cisco WCS demonstration license at <http://www.cisco.com/go/license> or <https://tools.cisco.com/SWIFT/Licensing/PrivateRegistrationServlet>.
2. Go to the Licenses Not Requiring a PAK panel and click the **here for available licenses** link (Figure 5).

Figure 5. Product License Registration for WCS Demo CD

Worldwide [change] Logged In | Profile | About Cisco

Search Go

Solutions Products & Services Ordering Support Training & Events Partner Central

HOME Support

Product License Registration

1 Enter a PAK Number 2 Validate Features 3 Designate Licensee 4 Finish and Submit

Licenses Not Requiring a PAK

If you do not have a Product Authorization Key (PAK), please [click here for available licenses](#). In addition to Evaluation Licenses, other licenses include: Cisco ASA 3DES/AES, PIX Firewall 3DES/AES and DES Encryption, Cisco Services for IPS, and Cisco CallManager Version Upgrade licenses.

Product Authorization Key (PAK)

Enter the Product Authorization Key (PAK) below exactly as it appears on the label that accompanied the Cisco Information Packet.

Enter one value at a time including dashes and capitalization.
A * denotes a required field

Product Authorization Key (PAK):

Example: 4XCD#V####

Go Back SUBMIT

If after entering the number you get an error and have confirmed that you've entered it correctly and that it is just not working, please open a Service Request using the [TAC Service Request Tool](#). Please have your valid Cisco.com user id and password available. As an alternative, you may also call our main Technical Assistance Center at **800-553-2447**.

Toolkit: Roll over tools below
Feedback | Help

Related Tools
[Dynamic Configuration Tool](#)
[TAC Service Request Tool](#)

3. Select Wireless Control System > Wireless Control System 30 day trial license (Figure 6).

Figure 6. Select 30 day trial license

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Product License Registration

1 Select License 2 Designate Licensee 3 Review and Submit

Select from the following Cisco Software Registration links:

Name	License
Cable Broadband Troubleshooter	
60-Day Demo License	60-Day Demo License
Network Mgmt Products	
Access Registrar 4.0 Demo	Cisco Access Registrar 4.0
Access Registrar 4.1 Demo	Cisco Access Registrar 4.1
Cisco Application Networking Manager - Demonstration Version	Cisco Application Networking Manager - Demonstration Version
Cisco Enhanced Device Interface	Cisco Enhanced Device Interface
CiscoWorks Network Compliance Manager	CiscoWorks Network Compliance Manager
Net Flow Collector - Demonstration Version	NetFlow Collector - Demonstration Version
Wireless Control System	Wireless Control System 30 day trial license
Wireless Control System (WCS) Navigator Demo License	Wireless Control System (WCS) Navigator
Security Products	
CS-MARS	Cisco Security MARS

Toolkit: Roll over tools below
Feedback | Help

Related Tools
[Dynamic Configuration Tool](#)
[TAC Service Request Tool](#)

4. Fill out the forms (registration, email) on the screens that follow.

Ensure that the correct host name of your target Cisco WCS server is entered.

You will receive an email titled **Wireless Control System Field Demo License** from licensing@cisco.com. This email is sent to your registered email.

Note: The PAK registration is automatically completed during this registration process. You do not need to go the PAK web site as you would for SKUs you purchase.

5. Download Cisco WCS Software for Cisco WCS Demonstration License. Follow the steps in the section Step 3: Installing Software to reach that download screen.

The email that is sent from Cisco licensing **does not** contain the Cisco WCS software image.

6. Open the email received from licensing@cisco.com titled **Wireless Control System Field Demo License**.

Note: Cisco WCS software should be already installed on the server.

7. Follow the instructions in the email to activate the Cisco WCS demonstration license.

Note: TAC support is not available for the demonstration license.

You can convert the demo license to a non-expiring license at anytime during the 30 day trial period. All WLAN configuration information created in the original installation are retained during these upgrades. Customers wishing to upgrade the demonstration license to non-expiring licenses with higher access point quantities may do so by purchasing one of the Cisco WCS license SKUs from the Cisco Ordering Tool.



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