

Cisco WCS Navigator Licensing and Ordering Guide

This Cisco® Wireless Control System (WCS) Navigator licensing and ordering guide presents guidelines and information for ordering Cisco WCS Navigator licenses. The main portion of this document provides step-by-step instructions for ordering, downloading, and installing Cisco WCS Navigator licenses. For more information about Product Authorization Key (PAK) certificates please see Appendix A at the end of this document.

Overview

[Cisco WCS Navigator](#) delivers an aggregated platform for enhanced scalability, manageability, and visibility of large-scale implementations of the [Cisco Unified Wireless Network](#). This powerful, software-based solution gives network administrators cost-effective, easy access to information from multiple, geographically diverse [Cisco WCS](#) management platforms.

Solution

A single Cisco WCS Navigator license can support up to 20 Cisco WCS management platforms with manageability of up to 20,000 Cisco Aironet® lightweight access points from a single management console. Multiple Cisco WCS Navigator licenses can be ordered and installed. Cisco WCS Navigator operates on a server platform with an embedded database. Cisco WCS Navigator supports the following:

- Family SKU **WCS-NAV-K9** and sub-SKU **WCS-NAV-20**
- One license file per Product Authorization Key (PAK) certificate
- Only available with Cisco WCS Software Release 4.1 or later
- Cisco WCS management platforms must be running Cisco WCS Software Release 4.1 or later
- One Cisco WCS Navigator license is included with the Cisco WCS SKUs WCS-ENT-10000 and WCS-ENT-50000. Read more in the [Cisco WCS Licensing and Ordering Guide](#).

Cisco WCS Navigator License Ordering Considerations

The following ordering considerations are applicable for Cisco WCS Navigator licenses.

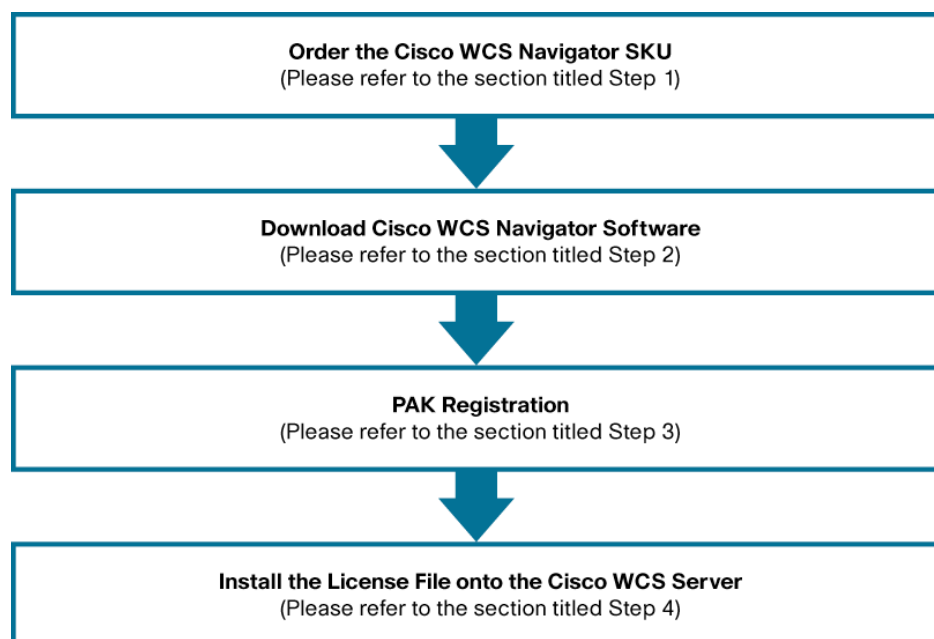
- Orderable from the [Cisco Ordering Tool](#).
- Orderable in multiple quantities.
- Includes software-based license entitlement where customers are prompted to enter license certificates.
- Cisco WCS Navigator licensing entitlement is tied to the server's host name. The host name of the Cisco WCS Navigator server is required during the registration process. Issued licenses are tied to the original host name designated during the registration process. (To change a host name once it has been defined read Appendix A.)

Procuring and Installing Cisco WCS Navigator Licenses

Cisco WCS Navigator Licensing Process

An overview of the process to order, download, and install a Cisco WCS Navigator license and software is shown in Figure 1. Each step shown in Figure 1 is cross-referenced to the area in this document that provides more information.

Figure 1. Overview of Cisco WCS Navigator Licensing and Software Installation Process



Step 1: Order the Cisco WCS Navigator SKU

The process to order the Cisco WCS Navigator SKU **WCS-NAV-K9** is presented below. To request help with ordering, please contact Cisco Customer Service:

<http://www.cisco.com/go/customerservice>.

1. Login to the [Cisco Ordering Tool](#).
2. Enter the family SKU of WCS-NAV-K9 into "Enter Product" in the Ordering Tool and then press "Enter." (Figure 2)

Figure 2. Cisco Ordering Tool—Main Order Form Enter Family SKU

Cisco Ordering Tool

Main Order Form

Ordering Tool Home Address Book HELP

Main Order Form Header Details ShipSets All Order Details

Shipping: Billing: CISCO SYSTEMS INC FOR US ...
PO BOX 641570 CISCO SYSTEMS
SAN JOSE, Calif... United S...

Purchase Order Number:
Order ID: MP11633273
Requested Ship Date:

Hardware Service Level: No Service Level Requested
Software Service Level: Software Application Support With Upgrades

Enter, configure, and revise line item

Line # Enter Product Qty. Discount Unit Price Clear Configure Get Saved Config
New WCS-NAV-K9 1 0 Enter Item Search Service/Line Details

Line	Product	Qty	List Price	Discount	Unit Price	Extended Price	Status	Delete
1	WCS-NAV-K9	1		0			New Line	<input type="checkbox"/>

Save Order Save as Template Route Order Linetotal: 0.00 Subtotal: 0.00 (Includes Minor Lines) Check for Errors Submit Order

- The family SKU will display in the ordering area. (Figure 3).
- Select the "Line" for the family WCS-NAV-K9 and then select "Configure" (Figure 3).

Figure 3. Cisco Ordering Tool—Main Order Form Configure Family SKU

Cisco Ordering Tool

Main Order Form

Ordering Tool Home Address Book HELP

Main Order Form Header Details ShipSets All Order Details

Shipping: Billing: CISCO SYSTEMS INC FOR US ...
PO BOX 641570 CISCO SYSTEMS
SAN JOSE, Calif... United S...

Purchase Order Number:
Order ID: MP11633273
Requested Ship Date:

Hardware Service Level: No Service Level Requested
Software Service Level: Software Application Support With Upgrades

Enter, configure, and revise line item

Line # Enter Product Qty. Discount Unit Price Clear Configure Get Saved Config
1 WCS-NAV-K9 1 0 Enter Item Search Service/Line Details

Line	Product	Qty	List Price	Discount	Unit Price	Extended Price	Status	Delete
1	WCS-NAV-K9	1		0.0%			Not Saved	<input type="checkbox"/>
2							New Line	<input type="checkbox"/>

Save Order Save as Template Route Order Linetotal: 0.00 Subtotal: 0.00 (Includes Minor Lines) Check for Errors Submit Order

- Once you have been taken to the configuration screen, select "LICENSE OPTION" from the left side and the sub-SKU WCS-NAV-20 from the right side (Figure 4):

Figure 4. Cisco Ordering Tool—Select the Correct Sub-SKU Option

The screenshot shows the Cisco Configuration Tool interface. At the top, there is a navigation bar with links for Cisco Home, NPM, Login, and Profile. Below this, the 'Cisco Configure' logo is displayed. The main interface has a tabbed structure with 'Exit Configuration', 'Configuration Details', 'Select Options', 'Enter Options', and 'Classic Menu Option'. The 'Select Options' tab is active. On the left, under 'WCS-NAV-K9', there is a section for 'Family SKU for WCS Navigator License products'. Below this, there are instructions and a link to the 'Cisco IOS Software Selector'. On the right, under 'WCS NAVIGATOR LICENSED PRODUCT ONLY WORKS WITH 4.1 OR LATER VERSION OF WCS', there is a table with one row showing 'WCS-NAV-20' with a quantity of 0 and a price displayed. At the bottom, there are buttons for 'Delete All', 'Exit Configuration', 'Save', and 'Check Configuration'.

6. The price for the SKU is displayed in the Ordering Tool.
7. The Cisco WCS Navigator license SKU is orderable in multiple quantities.

Step 2: Download Cisco WCS Navigator Software

Please follow the steps outlined below to download the Cisco WCS Navigator software.

1. CCO login and go to http://www.cisco.com/cgi-bin/tablebuild.pl/Wireless_Control_System_Navigator_Software
2. Download the correct Cisco WCS Navigator software for your operating system:
 - Windows 2003: NAVIGATOR-K9-1.0.83.0.exe
 - Linux Red Hat ES and AS 4.1: NAVIGATOR-K9-1.0.83.0.bin
3. Figure 5 displays a screenshot of the Cisco WCS Navigator download software table.

Note: All Cisco WCS management platforms connected to Cisco WCS Navigator must be running Cisco WCS Software Release 4.1 or later.

Figure 5. Cisco WCS Navigator Software Download Table

Logged In | Profile | Contacts & Feedback | Help | Site Map | Select a Location / Language

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TOOLS & RESOURCES
Software Download

Tools & Resources
Software Download

Cisco Wireless Control System Navigator

NOTE:
Please note that WCS Navigator product will only work with WCS servers running software version 4.1 or later.

Select a File to Download

Sort by:

Filename	Release	Date	Size (Bytes)
WCS-NAVIGATOR-1.0.83.0-ReleaseNotes.pdf Release notes: Cisco Navigator Release Notes for version 1.0.83.0	1.0.83.0	15-MAY-2007	381200
NAVIGATOR-K9-1.0.83.0.exe Installation file for Cisco WCS Navigator (Windows 2003 server) - version 4.1.	4.1.83.0	30-APR-2007	123952664
NAVIGATOR-K9-1.0.83.0.bin Installation file for Cisco WCS Navigator (Linux Red Hat ES & AS 4.1) - version 4.1	4.1.83.0	30-APR-2007	197079241

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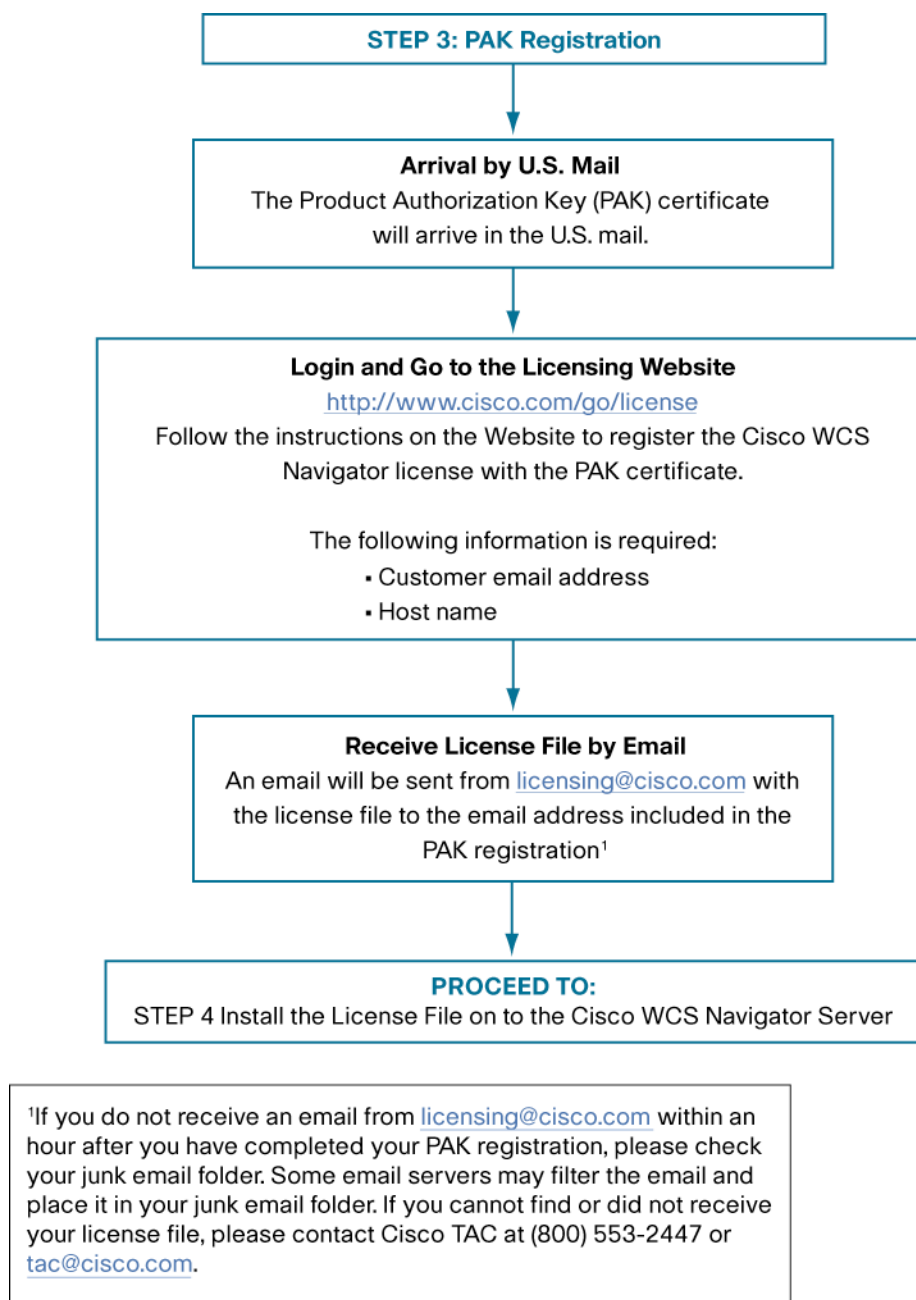
Toolkit: Roll over tools below

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

Step 3: PAK Registration

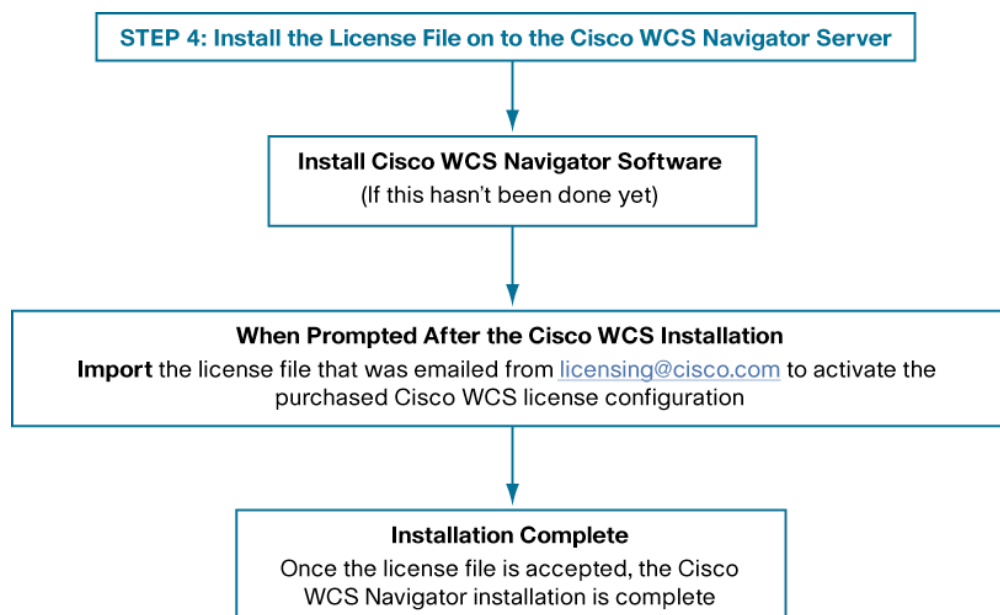
Please follow the steps outlined in Figure 6 to correctly register your PAK certificate. For additional information about PAK certificates, please see Appendix A.

Figure 6. Cisco WCS Navigator PAK Registration

**Step 4: Install the License File on to the Cisco WCS Navigator Server**

Please follow the steps outlined in Figure 7 to correctly install your license file. To request help installing your license file please contact Cisco TAC at (800) 553-2447 or tac@cisco.com.

Figure 7. Cisco WCS Navigator License File Installation

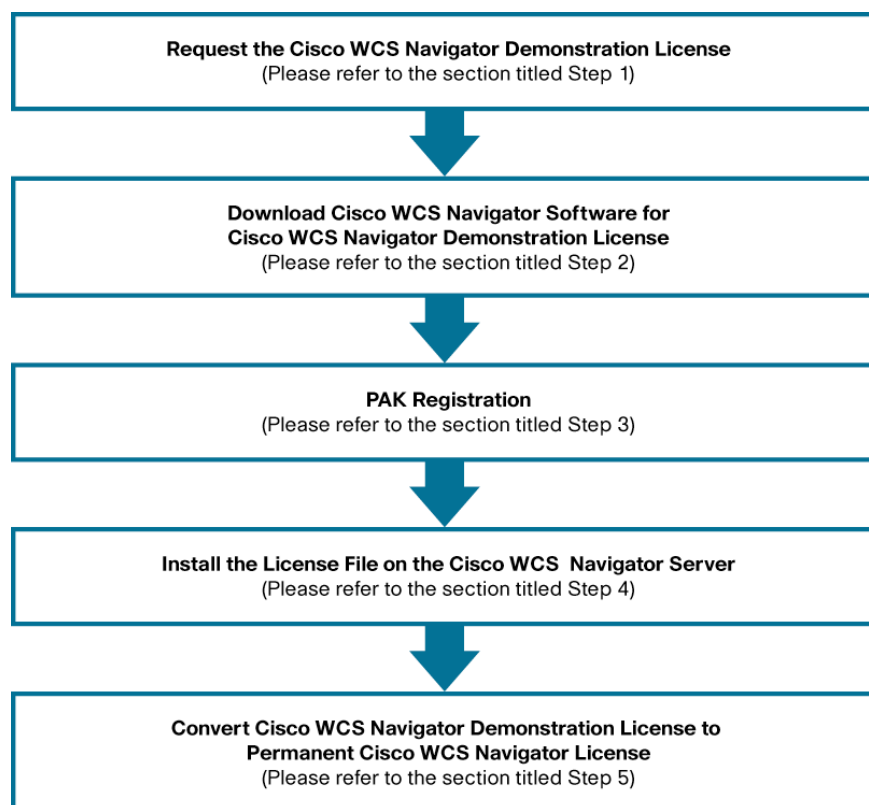


Procuring and Installing Cisco WCS Navigator Demonstration License

Customers can experience Cisco WCS Navigator, an aggregated platform for enhanced scalability, manageability, and visibility of large-scale implementations of the Cisco Unified Wireless Network, for **free** for 30 days by downloading the new full-featured, location-enabled Cisco WCS Navigator Demonstration License (AIR-NAVIGATOR-DEMO-K9).

This license supports up to five Cisco WCS management platforms 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 Navigator. The Cisco WCS Navigator Demonstration License 30 day period begins on the day the license is downloaded. Cisco TAC support is not available for the Cisco WCS Navigator Demonstration License. An overview of the process to procure and install the Cisco WCS Navigator Demonstration License **AIR-NAVIGATOR-DEMO-K9** is in Figure 8.

Figure 8. Overview of Cisco WCS Navigator Demonstration License Procurement and Installation Process



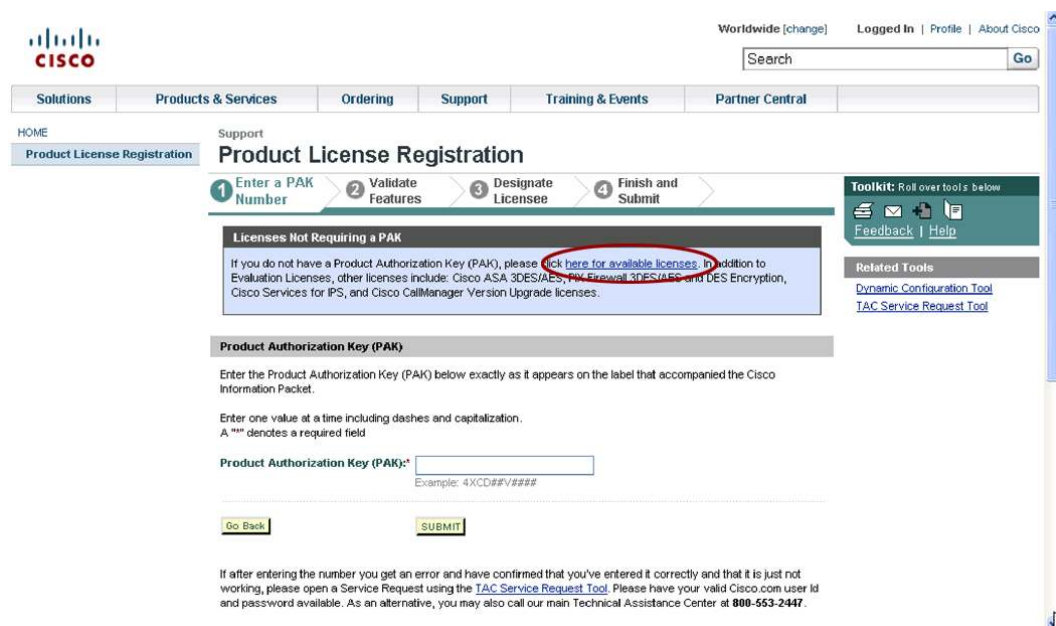
Step 1: Request the Cisco WCS Navigator Demonstration License

The Cisco WCS Navigator Demonstration License **is only available as a software download** from Cisco.com. Customers downloading the Cisco WCS Navigator Demonstration License will directly receive, by e-mail, the Cisco WCS Navigator license. Customers will need to provide their contact information and the host name of their server during registration of the Cisco WCS Navigator Demonstration License.

Please follow these steps to request the Cisco WCS Navigator demonstration license.

1. Go to <http://www.cisco.com/go/license> or <https://tools.cisco.com/SWIFT/Licensing/PrivateRegistrationServlet>.
2. Go to box titled "Licenses Not Requiring a PAK"
3. Click on link titled "here for available licenses" (Figure 9).

Figure 9. Download Cisco WCS Navigator Demonstration License—Screen #1



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HOME Support

Product License Registration

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, PKI, 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):*

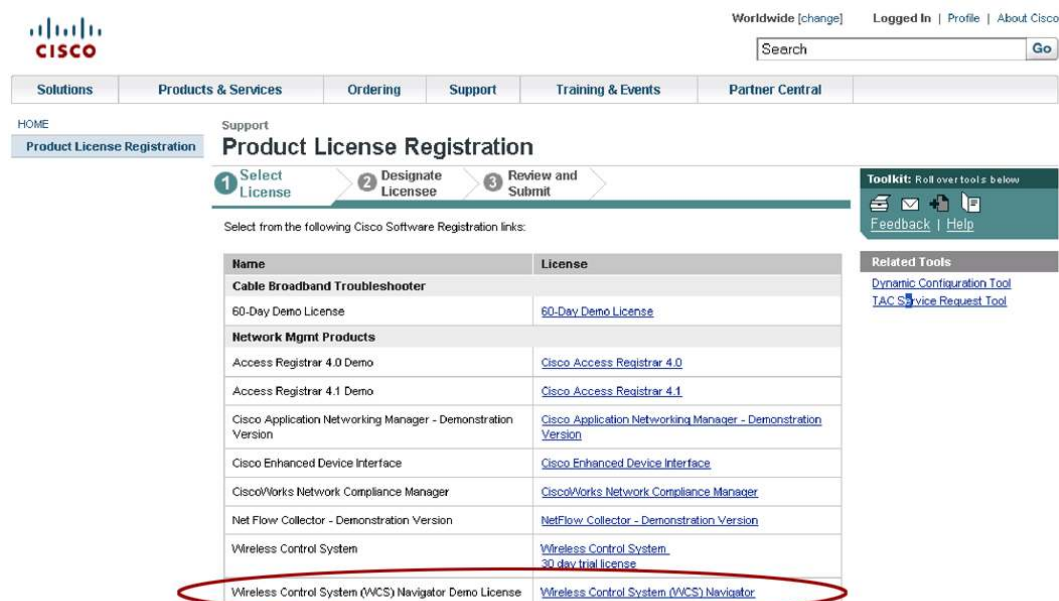
Example: 4XCD##/####

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.

4. Select Wireless Control System (WCS) Navigator Demo License > Wireless Control System (WCS) Navigator (Figure 10).

Figure 10. Download Cisco WCS Navigator Demonstration License—Screen #2



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Product License Registration

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

Toolkit: Roll over tools below

Feedback | Help

Related Tools

[Dynamic Configuration Tool](#)

[TAC Service Request Tool](#)

5. Fill out the following forms on the screens that follow:
 - Registration forms: Make sure the correct host name of the customer supplied Cisco WCS Navigator server is entered. Customers supply their own server for Cisco WCS Navigator.
 - Email request form.
6. An email titled "WCS Navigator product" from licensing@cisco.com will be sent to the email address(es) entered on the registration page.

Step 2: Download Cisco WCS Navigator Software for Cisco WCS Navigator Demonstration License

Customers must download **and** install the Cisco WCS Navigator software image to activate the Cisco WCS Navigator Demonstration License. The email that is sent from Cisco licensing **does not** contain the Cisco WCS Navigator software image. Please follow Step 2: Download Cisco WCS Navigator Software from the Procuring and Installing Cisco WCS Navigator Licenses section above to download the Cisco WCS Navigator software image.

Step 3: PAK Registration

Customers **do not** need to go to the PAK Website to register their Cisco WCS Navigator Demonstration License. PAK certificate registration is automatically completed during the Cisco WCS Navigator Demonstration License registration process when the customer enters the host name of their server.

Step 4: Install the License File on to the Cisco WCS Navigator Server

Please follow the steps below to correctly install the demonstration license file on to your Cisco WCS Navigator server.

1. Load the Cisco WCS Navigator software onto the customer supplied Cisco WCS Navigator server.
2. Open the email received from licensing@cisco.com titled "WCS Navigator product"
3. Follow the instructions in the email to activate the Cisco WCS Navigator Demonstration License.

Note: Cisco TAC support is not available for the Cisco WCS Navigator Demonstration License.

Step 5: Convert the Cisco WCS Navigator Demonstration License to a Permanent Cisco WCS Navigator License

Customers can upgrade the Cisco WCS Navigator Demonstration License to non-expiring licenses at anytime during the 30 day trial period. All WLAN configuration information created in the original installation will be 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 Navigator license SKUs from the [Cisco Ordering Tool](#).

Help for Cisco WCS Navigator Licensing Issues

For technical support related to licensing please contact Cisco TAC at (800) 553-2447 or tac@cisco.com. For licensing order related issues please contact Cisco customer service at <http://www.cisco.com/go/customerservice>.

Summary

Cisco WCS Navigator is ideal for large-scale enterprise WLAN deployments with multiple, geographically diverse Cisco WCS management platforms. It delivers an innovative solution for enhanced scalability, manageability, and visibility of large-scale implementations of the Cisco Unified Wireless Network. Cisco WCS Navigator provides reliable visibility of all Cisco WCS management platforms, including connected Cisco Aironet lightweight access points, Cisco wireless LAN controllers, Cisco Wireless Location Appliances, and authorized and unauthorized 802.11 devices.

For More Information

For more information about Cisco WCS Navigator, visit:

<http://www.cisco.com/en/US/products/ps7305/index.html>

To order Cisco WCS Navigator SKUs, visit the Cisco Ordering Tool at:

<http://www.cisco.com/en/US/ordering/index.shtml>

To request the free Cisco WCS Navigator Demonstration License, visit

<http://www.cisco.com/go/license> or

<https://tools.cisco.com/SWIFT/Licensing/PrivateRegistrationServlet>.

Appendix A: Product Authorization Key Information

Product Authorization Key Certificate

All Cisco WCS Navigator SKUs require a PAK certificate to register the Cisco WCS Navigator license. The PAK certificate allows customers to receive a Cisco WCS Navigator license. It is used to register Cisco WCS Navigator and generate license files. The PAK certificate will arrive by U. S. mail.

Note: PAK certificate registration is automatically completed during the Cisco WCS Navigator Demonstration License registration when the customer enters the host name of their server.

Activating Cisco WCS Navigator Licenses Using the PAK Certificate

After the customer completes the PAK registration, the Cisco WCS Navigator license files are emailed to the customer. Customers will receive an email from licensing@cisco.com within an hour after they have completed their PAK registration. All customers must go to the licensing Website listed on their PAK certificate to complete their Cisco WCS Navigator registration. The PAK certificate provides clear instructions on how to complete the Cisco WCS Navigator licensing process (Figure 11).

Note: If you do not receive an email from licensing@cisco.com within an hour after you have completed your PAK registration, please check your junk email folder. Some email servers may filter this email and place it in your junk email folder. If you cannot find or did not receive your license file, please contact Cisco TAC at (800) 553-2447 or tac@cisco.com.

Note: All customers that purchase Cisco WCS Navigator from Cisco.com must activate their Cisco WCS Navigator license by registering at the licensing Website. Cisco WCS Navigator will not be activated until the PAK registration process is completed and the emailed license files have been entered into the installed Cisco WCS Navigator.

Figure 11. Sample PAK Certificate

```
Product Name           : WCS-NAV-K9
Product Qty            : 1
Product Authorization Key : 1277646C65B
```

Please log into the following Website to complete your registration and receive your license key/file.

<http://www.cisco.com/go/license>

Changing PAK Certificate Host Name

Because the Cisco WCS Navigator license is tied to the host name of the server where Cisco WCS Navigator is installed, it is important to enter the correct host name during the PAK registration process. If the host name of the server where a Cisco WCS Navigator license is installed needs to be **changed** after PAK registration, please call Cisco TAC at (800) 553-2447 and request a Cisco WCS Navigator host name change.

Note: Cisco TAC will **change the host name** of the server that is associated with the registered PAK certificate. Cisco TAC **will not** issue a new PAK certificate. Only one host name can be associated per PAK certificate.



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