



Installation Guide

ProCurve Switch 3500yl/5400zl
Premium License

www.procurve.com



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Installation Guide

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Applicable Products

ProCurve Switch 3500yl
ProCurve Switch 5400zl

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Managing Premium Licenses

ProCurve premium licenses provide access to expanded features on certain ProCurve network devices. There are two ways you can manage these licenses:

- **manual method** — You use the My ProCurve portal, along with your device's command line interface (CLI), to manage premium licenses. This is a good method to use if you are managing a small number of licenses and do not already use the ProCurve Manager network management software.
- **ProCurve Manager** — You use the ProCurve Manager (PCM) network management software to perform the most common licensing functions. If you are already using PCM, this is more convenient than the manual method. If you don't use PCM but have several premium licenses to manage, you may find it worth installing PCM. There is a free copy of PCM on the CD-ROM that accompanies your premium license.

The two methods handle these licensing functions:

	Manual method	ProCurve Manager
Install a license	yes	yes
Uninstall a license	yes	yes
View available registration IDs	yes	no
View license history	yes	no
Export license history	yes	no

The manual method is described in Chapter 2 of this guide. The ProCurve Manager method is described in Chapter 3.

Prerequisites

Whichever method you use to manage your licenses, you will need to be registered on the My ProCurve Web portal. Registration is free, and it allows you to perform all of the licensing functions.

If you are not already registered, point your Web browser to <http://my.procurve.com> and follow the registration instructions.

In addition, you will need config-level access to the ProCurve network devices you wish to manage. If you use the manual method, you will use the devices' command line interface (CLI) and will need to know the management-level password for each of the devices. If you use the ProCurve Manager method, you will need to have PCM configured for access to the devices you wish to license.

General Procedure

The general procedure for managing premium licenses involves several different numbers:

- registration ID — This number came with the license you purchased, and represents your right to install a particular type of license on a particular type of network device.
- hardware ID — This number identifies the ProCurve device that you are licensing, and includes the device's serial number and an identifier for the premium feature that you are licensing.
- license key — This number is generated by the My ProCurve portal, based on a registration ID and a hardware ID. When you install this number into your ProCurve device, it enables the premium feature that you are licensing.
- uninstall verification ID — This number is generated if you uninstall a premium license from a ProCurve device. You can use it to generate a new registration ID on the My ProCurve portal, which allows you to transfer the license to a different device.

If you are using the manual method, you will work with these numbers using both the My ProCurve portal (through your Web browser) and the device's CLI. If you are using the ProCurve Manager method, you will work with these numbers using PCM. Details follow in the next two chapters.

Manual Method

The manual method allows you to perform five license management functions:

- install a license
- uninstall a license
- view available registration IDs
- view your license history
- export your license history to a spreadsheet

This chapter tells you how to perform each of these functions.

Installing a Premium License

To install a premium license into a ProCurve device using the manual method, you use a combination of the My ProCurve portal (through your Web browser) and the device's command line interface (CLI). The procedure alternates between the portal and the CLI, as summarized in the following diagram.

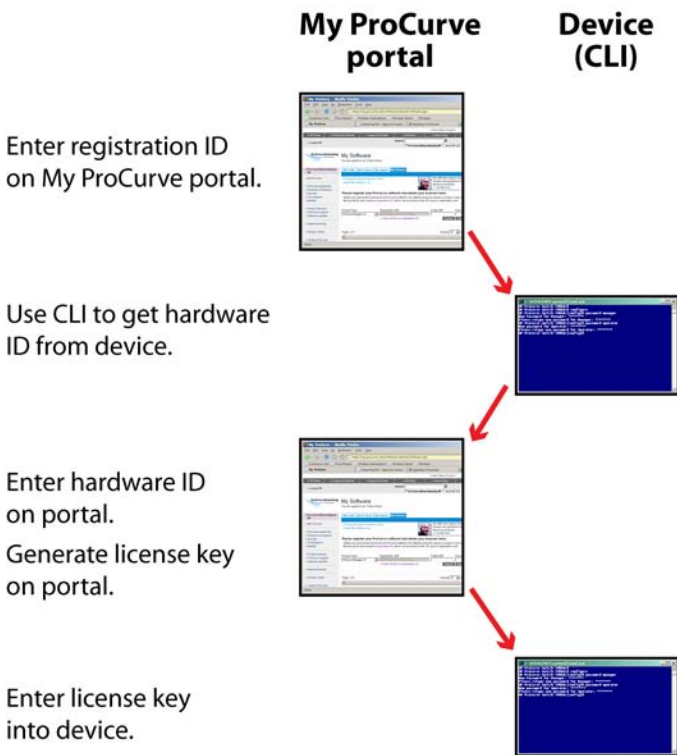


Figure 1. Installation summary for manual method

As you go through the procedure, keep both your Web browser and the CLI screen open on your monitor. You will find it convenient to cut and paste information between the two screens.

Here are the steps in detail:

1. Point your Web browser at the My ProCurve portal (<http://my.procurve.com>) and sign in. This takes you to the My ProCurve page.

2. Click **My Software**.

My ProCurve

You are signed-in as: *Sam Clemens*



Sam Clemens,

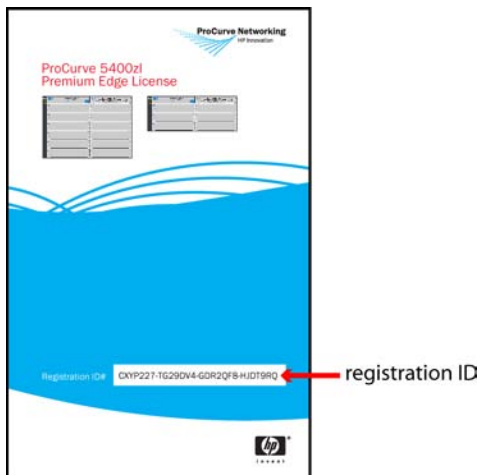
Welcome back to your own personalized area of ProCurve.com, where you can access the following benefits:

- » My Profile Account maintenance and email news subscriptions.
- » My Products Product registration and inventory tracking.
- » My Support Instant access to software update notifications.
- » My Software Software registration and licensing.

This takes you to the License Activation page.

3. Click **Device Software**. This takes you to the Registration ID page.

4. Enter your registration ID number in the “Registration ID#” field. (This number is not case-sensitive; you may enter either uppercase or lowercase characters.) You can find your registration ID number at the bottom of the plastic-laminated card that came with the premium license that you purchased.



5. Click **Next**. This enters the registration ID number and takes you to the Hardware ID page.

Now you will leave your Web browser and go to the CLI console for the next few steps of the procedure.

6. Establish a console connection to the ProCurve device you wish to manage and enter config mode.

7. Enter this command at a config-level prompt:

```
licenses hardware-id premium-edge
```

The CLI returns a hardware ID number.

8. Copy the hardware ID number (Ctrl-C) from the screen or write it down. (Copying the number is easier and more accurate.) You will enter the number on the My ProCurve portal in the next step.
9. Return to your Web browser, enter the hardware ID number (paste using Ctrl-V or type it in) in the “Enter Hardware ID#” field.
10. Optionally, enter notes in the “Customer Notes” field. You might, for instance, identify which device has been licensed and where it is located. These notes are kept, along with the registration ID number, in your account on the My ProCurve portal.
11. Click **Next**. This takes you to the License Agreement page.
12. Read the license terms and, if you agree to them, check the “I agree to the license terms” box. Then click **Generate License**. This generates a license key and displays it on the License Key Confirmation page. The license key is also e-mailed to you.
13. Copy the license key (Ctrl-C) from the screen or write it down. You will enter the number into the CLI console in the next step.

14. On the CLI console, save the configuration of the ProCurve device.

15. Enter this command at a config-level prompt:

```
licenses install premium-edge <license-key>
```

where:

<license-key> is the license key you generated on the My ProCurve portal. Paste (Ctrl-V) or type in the key number. (This number is not case-sensitive.)

The ProCurve device enters the license key and then reboots. At this point, your device is licensed for the premium feature.

Uninstalling a Premium License

If you wish to transfer your premium license from a currently licensed device to a different device, you must first enter a CLI command from the console to uninstall it from the device that is currently licensed. In return you receive an uninstall verification ID number. Using your Web browser, you enter this number in your account on the My ProCurve portal. You receive a new registration ID, which you can use to install the license on a different device.

Here are the steps in detail:

1. Establish a console connection to the ProCurve device you wish to manage, and enter config mode.
2. Enter this command at a config-level prompt:

```
licenses uninstall premium-edge
```

The CLI asks if you want to reboot the device and, after you answer “yes”, it deletes the license from the device and returns an uninstall verification ID number.

3. Copy the uninstall verification ID number (Ctrl-C) from the screen or write it down. (Copying the ID number is easier and more accurate.) You will enter the ID number on the My ProCurve portal in the next step.

Note that you need the uninstall verification ID number to generate a new registration ID, which in turn lets you re-use your premium license. If you allow the device to reboot before you copy the uninstall verification ID number, all is not lost. You can use the `show licenses uninstalled` CLI command to recover the last uninstall verification ID number issued by the device.

4. Open your Web browser, go to the My ProCurve portal (<http://my.procurve.com>), and sign in. This takes you to the My ProCurve page.
5. Click **My Software**. This takes you to the License Activation page.
6. Click **Device Software**. This takes you to the Registration ID page.
7. Click the **Uninstall License** tab in the navigation bar.

My Software

You are signed-in as: *Sam Clemens*

My Profile | My Products | My Support | **My Software** | My Call Me » Sign Out

Management Software | **Device Software**

Generate License Key | View available reg IDs | License History | **Uninstall License** | Export License List » [FAQ's](#)

Generate license key for ProCurve device

To generate your ProCurve device license key, you need your [registration ID](#) and your [hardware ID](#).

Enter Registration ID and click on Next button:

Registration ID# [Help me find my registration ID](#)

This takes you to the Uninstall Verification page.

8. Enter the uninstall verification ID number (paste using Ctrl-V or type it in) in the “Uninstall verification ID#” field, and click **Next**. This generates a new registration ID number, which is displayed on the screen. The new number is also e-mailed to you, and it is maintained in your My ProCurve account.

To view the registration ID numbers you have in your My ProCurve account, follow the instructions in the “Viewing Available Registration IDs” section, below. To install the premium license into a different ProCurve device, follow the instructions in the “Installing a Premium License” section, above.

Viewing Available Registration IDs

When you uninstall the premium license from a device and enter the uninstall verification ID number into the My ProCurve portal, the portal maintains your newly generated registration ID in your My ProCurve account. To view all the registration ID numbers in your My ProCurve account, follow these instructions.

1. Open your Web browser, go to the My ProCurve portal (<http://my.procurve.com>), and sign in. This takes you to the My ProCurve page.
2. Click **My Software**. This takes you to the License Activation page.
3. Click **Device Software**. This takes you to the Registration ID page.
4. Click the **View Available Reg IDs** tab in the navigation bar. This takes you to the Available Registration IDs page. This page lists all registration ID numbers that are available to you.
5. If you wish to use a registration ID to install a premium license in a ProCurve device, select an entry in the table that has a license type appropriate for your device and click **Generate License**. This takes you to the Registration ID page and fills in the registration ID number in the appropriate field. From here you continue the standard installation procedure for a premium license — see step 5 of the section on “Installing a Premium License”, above.

Viewing the License History

You can view the history of all your premium license transactions on the My ProCurve portal. Here's how:

1. Open your Web browser, go to the My ProCurve portal (<http://my.procurve.com>), and sign in. This takes you to the My ProCurve page.
2. Click **My Software**. This takes you to the License Activation page.
3. Click **Device Software**. This takes you to the Registration ID page.
4. Click the **License History** tab in the navigation bar. This takes you to the License History page. This page lists all premium license transactions that you have made.

You can export this list to a spreadsheet. See the section on “Exporting the License History”, below.

Exporting the License History

You can view the history of your premium license transactions on the My ProCurve portal, using the instructions listed above in the section on “Viewing the License History”.

In addition, you can export the license history to a spreadsheet. Here is the procedure:

1. Open your Web browser, go to the My ProCurve portal (<http://my.procurve.com>), and sign in. This takes you to the My ProCurve page.
2. Click **My Software**. This takes you to the License Activation page.
3. Click **Device Software**. This takes you to the Registration ID page.
4. Click the **Export License List** tab in the navigation bar. This takes you to the Export page.
5. Choose the export format — Microsoft® Excel (.xls) format or comma-separated values in a text file (.txt) — and click **Export**. Your browser will give you a choice of saving the information in a file or opening it in a spreadsheet or a text editor.

ProCurve Manager Method

ProCurve Manager (PCM), version 2.1 or later with the auto-update made available 1 April 2006 or later, supports these premium license functions:

- installing a premium license
- uninstalling a premium license

PCM is software for managing your ProCurve network. The standard version is available at no charge; in addition, ProCurve Manager Plus (PCM+) is an enhanced version of the software available for purchase. Both PCM and PCM+ support the premium license functions.

The instructions below apply to both PCM and PCM+.

Setting up PCM/PCM+

If you don't have PCM (or PCM+) installed on your system, you can install it from the software CD-ROM that is included with your premium license. Alternatively, you can download PCM from the ProCurve Web site (<http://www.procurve.com>).

To install PCM and set it up for managing your premium licenses, do the following:

1. Follow the instructions on the CD-ROM or on the ProCurve Web site for installing PCM, version 2.1 or later.

2. Start PCM.
3. Select **Tools > Preferences**.
4. Select **Global > Automatic Updates**.
5. Under the **Settings** heading, select **Notify if updates are available**.
6. Click the **Check Now** button.
7. If an auto-update is available on the auto-update screen, select and install it.
8. Select **Licensing and Support > Registration and Support**.
9. Enter your My ProCurve member ID and password. (If you have not yet created your My ProCurve account, click the link near the top of the page and create your account. Then return to this screen and enter your member ID and password.)
10. If your network uses a proxy server, select **Global > Network Settings** and enter your HTTP Proxy and SOCKS Host settings.

PCM is now set up to manage premium licenses.

Managing Premium Licenses with PCM/PCM+

To manage your premium licenses using PCM or PCM+:

1. If you don't have version 2.1 or later of PCM/PCM+ installed on your system, follow the instructions in the preceding section to install and configure it.
2. Start PCM/PCM+.
3. Under "Network Management Home" select "Interconnect Devices".
4. Right-click the device you wish to manage and select either
Config Manager > License Software
or
Config Manager > Unlicense Software
as appropriate.
5. Follow the instructions in the wizard that appears.

Notes

Notes

Notes



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