





Datacolor PAINT

INSTALLATION GUIDE



www.datacolor.com


datacolor 

 **PAINT**™

version DP 1.1

BLACK CHERRY


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1.1

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STAND-ALONE SYSTEMS



Because Color Matters

Datacolor PAINT Installation Guide Stand-Alone Systems

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Support Questions?

If you need help with a Datacolor product, please contact one of our top-rated technical support teams located around the world for your convenience. You can find contact information below for the Datacolor office in your area.

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Introduction

Overview

Datacolor PAINT is an in-store custom color matching program. It formulates matches to new colors, and can retrieve formulas from a formula book or from a competitor's fandeck. Datacolor PAINT includes a correction feature that provides suggestions for correcting a mistint, and an option that allows you to store and retrieve customer formulas.

Datacolor PAINT can be installed on a dedicated, stand-alone computer system, or on a terminal server that is shared by several users.

This installation guide covers the following procedures:

- Installing Datacolor PAINT on a new, stand-alone system.
- Validating the software license for Datacolor PAINT
- Upgrading an existing stand-alone system from Datacolor Paintmaker to Datacolor PAINT



Notes for New Installations

If you have purchased your computer from Datacolor, the installation and licensing is completed at the factory.

If you purchased your own computer, you must use these instructions to install and license the software on your computer.

Product Components

Datacolor PAINT consists of the following components:

- **Datacolor PAINT CD**
- **Software License Number.** This is found on a label on the back of the Datacolor PAINT CD. You will need this to complete the licensing procedure.

System Requirements

The system requirements shown below are the minimum configuration to ensure effective operation of the Datacolor PAINT.

Component	Minimum*	Recommended
Processor	Pentium III 300 MHz	Pentium IV 1.9 GHz
Memory	128 MB	1 GB
Hard Drive Capacity	10 GB	40 GB
Video Resolution	800x600 16-bit	1024 x 768 True Color
Video Memory	64 MB	128 MB
CD/DVD Drive	CD Reader	CD Writer
Diskette Drive	--	1.44 MB
Available Ports**	1 RS-232 1 USB 1 Parallel	2 RS-232 6 USB 1 Parallel
Operating System	Windows® 98 SE	Windows® XP Home or Pro

* The minimum requirements may limit performance and the operation of some features.

** The number of ports needed depends on the number of peripheral devices on the system.

When selecting hardware and operating system features to support Datacolor PAINT, the following requirements may need to be considered:

- Datacolor PAINT is supplied on a standard 650MB capacity compact disc (CD).
- Datacolor spectrophotometers can be connected to either an RS-232 port or a universal serial bus (USB) port.
- Instrument calibration data may be distributed on 1.44MB diskettes. The presence of this diskette drive will provide maximum operational flexibility.
- Accurate on-screen color display requires a true-color video card, and the performance of monitor calibration at regular intervals. The Datacolor SPYDER2 monitor calibration device requires a connection to a USB port.
- Printer port requirements (parallel or USB) depend on the specific printer selected.
- For non-networked systems, a CD or DVD writer is recommended for use as a system backup.
- Faster processors and hard drives, and larger memory capacity will significantly enhance performance.

Data Backup

If you are currently using Datacolor Paintmaker or Datacolor PAINT, you should back up the data before performing any type of upgrade or file conversion. The following files should be included in the backup procedure:

Database	File Extension	Description
Formulation	*.mdbfdt	This database contains data that define a product line. It includes information about the systems, brands and colors contained in the product lines, along with ingredient and formula information. These files should each be copied to a new name before they are used.
Illuminants	*.mdbill	Contains data that define the sources of illumination for use in color matching.
Customer Information	*.mdb	Contains all of the customer information that you have stored.

Firewall Blocking Messages

If you have installed a firewall on the system, you may see the dialog box below during the installation:



- When this happens, you must click **Unblock** to continue the installation.

New Installations

Datacolor PAINT can be installed on a dedicated, stand-alone system, or on a terminal server. This guide covers the instructions required to install or upgrade Datacolor PAINT on a stand-alone system.

Instrument Driver Selection

Two instrument drivers are provided with Datacolor PAINT. The program automatically installs the Datacolor PAINT native driver. *See also Datacolor PAINT User's Guide for a discussion of the driver choices, and instructions for changing the driver used.*

Program Upgrades

If you are currently running Datacolor Paintmaker, Datacolor considers this an *upgrade* to Datacolor PAINT. This upgrade simply updates the Datacolor program. Below are some tips to keep in mind if you are upgrading from Datacolor Paintmaker to Datacolor PAINT v.1.x:

- Upgrading a stand-alone system from Datacolor Paintmaker to Datacolor PAINT uses the same procedure as that used to install a new system.
- If you are upgrading from Datacolor Paintmaker to Datacolor PAINT on a dedicated, stand-alone computer, you can continue using the hardware security key. In this situation you do not have to perform the software license validation.
- If you are upgrading from Paintmaker to Datacolor PAINT, and want to switch to the Datacolor SPECTRUM instrument driver, you must install the SPECTRUM driver separately. *See also Datacolor PAINT User's Guide, Appendix for a discussion of instrument driver choices, and instructions to switch from the Paintmaker native driver to the Datacolor SPECTRUM instrument driver.*

Installation Procedure Summary

Below is a summary of the installation steps for both new installations and upgrades. Screen-by-screen instructions are provided in the section **Installing Datacolor PAINT**.

New Installations

1. Insert the Datacolor Paint installation CD, **accept** the user agreement, and make the appropriate language selection.
2. You will be prompted to select the type of install you wish (*Typical*, or *Custom*). Select **Typical**, and click **Next**. You will be prompted to restart your PC.
3. You will be prompted to select a dispenser type. Make the selection, and click **Next**.
4. When the installation is completed, you will be prompted to restart your PC. **Restart** the system, and when the PAINT installation menu displays, **exit** and remove the Datacolor Paint CD.
5. Insert the manufacturer update CD, and follow the prompts to install.

Upgrades to Datacolor Paint

1. Insert the Datacolor Paint installation CD, **accept** the user agreement, and make the appropriate language selection.
2. Once Datacolor Paint software has completed the installation, click **Finish**, and remove the Datacolor Paint software installation CD.
3. Insert the manufacturer data/update CD. Follow the prompts to install.

Datacolor PAINT Installation

Overview

You may be installing the Datacolor PAINT program for the first time, or you may be upgrading from an existing version of Datacolor Paintmaker. This section provides screen-by-screen instructions to install the program. The program installation is the same for both new installations and for upgrades. Please follow these instructions EXACTLY, to insure successful installation of Datacolor PAINT.

Before You Begin

- A Windows operating system should be properly installed on your computer.
- You must have Windows Administrator rights to install this software.
- Close all other programs that are running.
- Have the program CDs readily available. This includes the Datacolor PAINT CD, and the instrument calibration data disk. The calibration data is provided on both a diskette and a CD, and are shipped in the instrument tile box.
- Backup any existing Paintmaker databases that you are currently using. *See also Datacolor PAINT Upgrade in this guide for a list of the files that need to be protected.*



NOTE

The installation routine asks you to restart the computer several times. Be sure to restart your computer whenever prompted.

This guide provides instructions for installing, licensing and updating Datacolor PAINT on a stand-alone system. See also *Datacolor PAINT Terminal Server Installation Instructions* for a detailed explanation of the installation procedure for terminal servers.

Installation Procedure

To install the program on a stand-alone system you must complete the following steps:

- Install PAINT program
- License PAINT software

Datacolor PAINT Program Installation

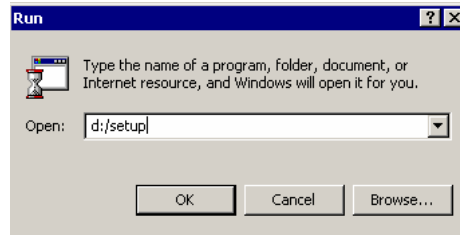
Below are the instructions to install Datacolor PAINT:

1. Exit all Windows programs. Insert the Paint CD into the CD-ROM drive. The installation should begin automatically, and the Datacolor PAINT splash screen will be displayed:



If the installation does not start automatically:

- Go to Windows **Start** menu.
- Select **Run**. The Dialog box below is displayed:

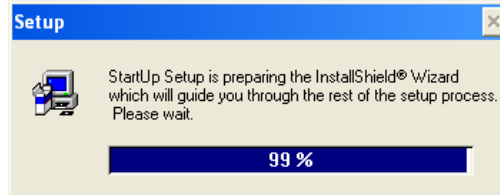


- In the **Open** field, enter **<drive>:/Setup**. The letter "d" in this example indicates that the CD is drive "d". Your CD-Rom drive may have a different letter designation.
- Click **OK**.

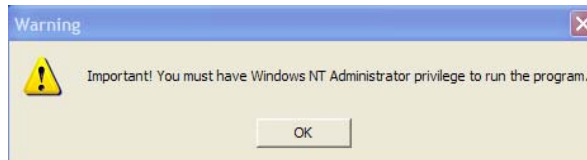
The Datacolor PAINT installation menu is displayed:



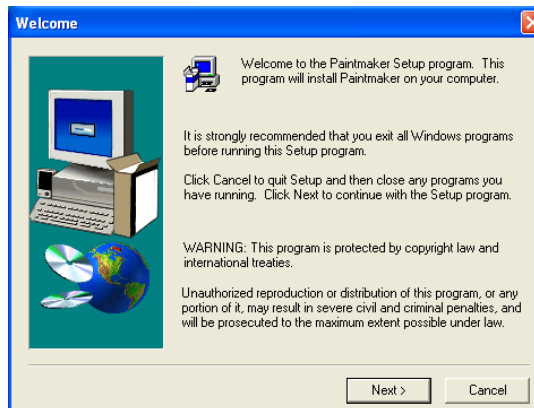
- Click on **Install Datacolor PAINT**. The installation wizard will start and the screen below is displayed:



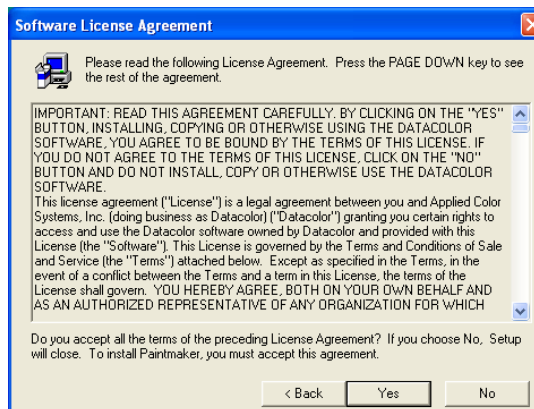
You must have Windows Administrator Rights to install the programs:



- Click **OK**.



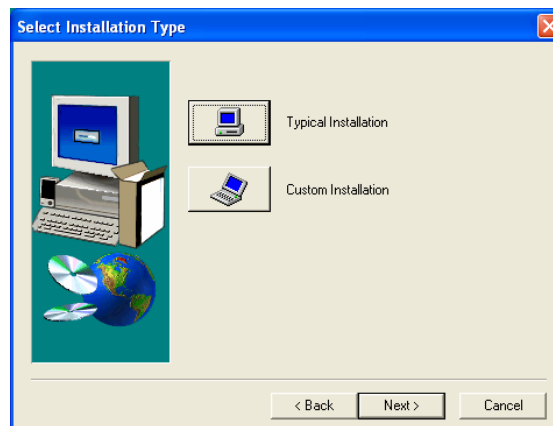
- Click **Next**. The program will display a licensing agreement:



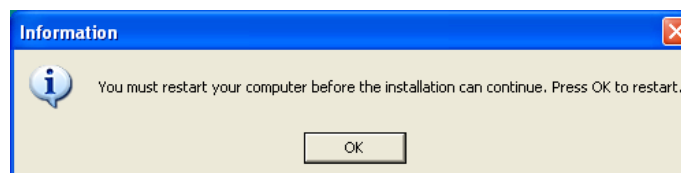
- Click **Yes**. The program will prompt you for a language selection:



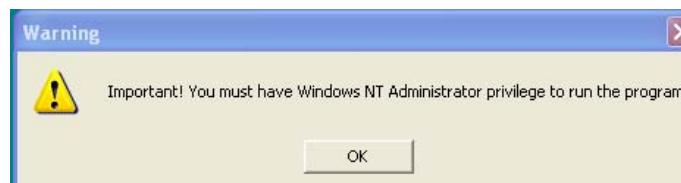
6. Click on the arrow to view the choices, and highlight a selection. Then click **OK**. The window below is displayed:



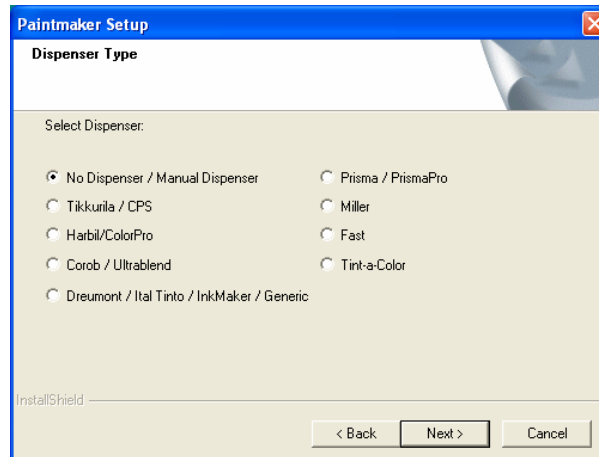
7. Click on **Typical Installation**, and then click **Next**. Follow the on-screen directions. When the installation is complete, the program will prompt you to restart your computer.



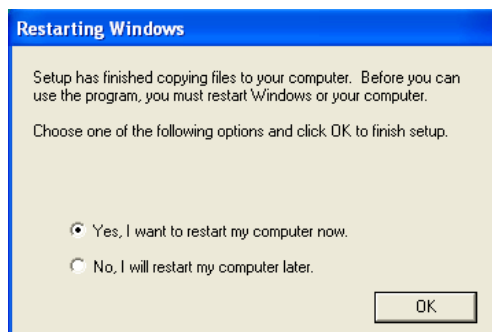
8. Click **OK**. When the computer restarts, the program prompts you again regarding your status as a Windows System Administrator.



9. Click **OK**. Messages will display regarding the status of the installation. The program will then prompt you for a dispenser selection:



10. Click on the manufacturer of your automatic dispenser. If you do not have an automatic dispenser, click **No Dispenser / Manual Dispenser**.
11. Click **Next**, and continue to follow the on screen instructions. The program will continue displaying installation status messages, and notify you when the installation is completed.
12. Click **Yes**, to restart the system, and click **OK**.



The system will restart, and the PAINT installation menu will display.

13. Click **Exit** to close the installation menu.

Datacolor PAINT Upgrade

If you are upgrading an existing system from Datacolor Paintmaker to Datacolor PAINT, the installation procedure is the same as the *New System Installation* procedure. See also *New System Installation for detailed instructions to complete the upgrade*.



NOTE

If you are upgrading, you can continue to use the hardware key. In this situation, the installation is complete. You do not need to validate the software license.

Other Datacolor PAINT Installation Options

The Datacolor PAINT Installation Menu includes options that allow you to change the instrument driver you are using, and to add a dispenser to your system:

Install Instrument Drivers

Two instrument drivers are available for use with Datacolor PAINT. This option provides the ability to change the instrument driver you are currently using. *See also Datacolor PAINT User's Guide for a discussion of the instrument driver selection, and complete instructions to change the instrument driver.*

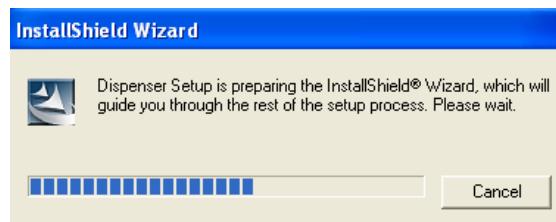
Install Dispensers

This option enables you to connect a dispenser to the Datacolor PAINT matching system at any time. To access this option:

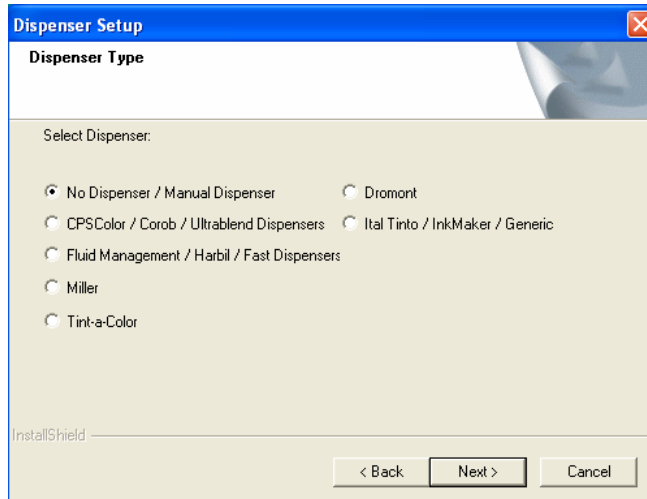
1. Place the Datacolor PAINT in the CD drive. The Datacolor PAINT Installation Menu will be displayed:



2. Click on **Install Dispenser Drivers**. The installation wizard opens:



The program will prompt you for the type of dispenser connected to the system:



3. Click in the radio button to select the dispenser. When the selection is made, click **Next**. The program will install the correct drivers for the dispenser you have selected.
When the installation is completed, the Datacolor PAINT Installation Menu will be displayed.
4. Click on another **installation option**, or click **Exit** to close the menu.

Visit Datacolor on the Web

This option connects the user directly to the Datacolor website.

Licensing Datacolor PAINT

Overview

Datacolor PAINT v1.1 is protected from unauthorized use by a software license. The license is assigned to the computer, and you must license the software to use it. When the program is installed, you are given a 14-day demonstration period during which you can run the programs without a valid license. We strongly recommend that you validate all software licenses immediately after installing the software.



NOTES

Licenses cannot be transferred from one computer to another.

If you are using a hardware key, you will not be prompted to license the software. You do not have to complete this validation procedure.

If your hardware key fails, the program will immediately prompt you to validate the software license. *If this happens, read this section carefully, and use the instructions in the section Software Licensing Procedure to validate the software license.*

Demonstration Period

When the software is installed, the software license defaults to a demo configuration, which allows you program access for 14 days. The software license must be validated within the demonstration period.



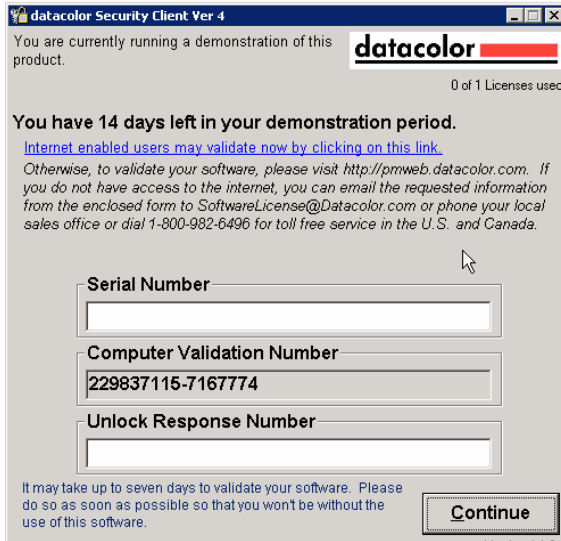
NOTES

The demonstration period starts when the program is launched for the first time. Please license the product immediately to avoid a work stoppage. If you fail to license the product during the demonstration period, you will not be able to run Datacolor PAINT when the demonstration period expires.

During the demonstration period, Datacolor PAINT will display the Datacolor Security Client screen each time it launches.

Considerations

A license is validated when you enter an **Unlock Response Number** into the Datacolor Security Client window.



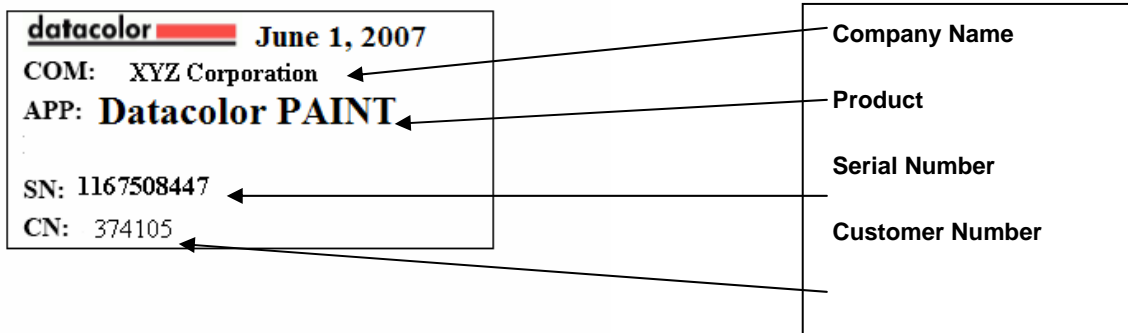
This number is provided by Datacolor, and can be obtained one of three ways:

- **Direct web connection.** If you have internet access, you can use the link provided in the Datacolor Security Client window. This procedure is documented in the *Licensing Procedure* section of these instructions.
- **Email.** For each product, send the **Serial Number** found on the CD label, and **Computer Validation Number** found on the Datacolor Security Client window, to SoftwareLicense@Datacolor.Com. You will receive an **Unlock Response Number** via email. You must enter this into the Datacolor Security Client window.
- **Telephone.** In the US and Canada phone toll free (1-800-982-6496) or call you local sales office. You will need the **Serial Number** and the **Computer Validation Number** for the product. You will be given an **Unlock Response Number** that you will put into the Datacolor Security Client window.

Product Labels and Software Licenses

The *Serial Number* for Datacolor PAINT is supplied by Datacolor, and is found on the Datacolor PAINT CD.

Shown below is a sample label for the product license Datacolor PAINT:



Before You Begin

You will need the Datacolor PAINT CD case with the serial number for the product.

- You will be asked for a *Computer Validation Number* during this procedure. This number is generated by the security software and is unique to your computer. It is displayed on the validation screen, which is open throughout the validation procedure.



- During the licensing process you will be provided with an *Unlock Response Number*. You will be required to input that number into this screen to complete the licensing process.



NOTE

We recommend that you use the Windows *Copy* and *Paste* features to transfer the numbers from this validation screen to other input fields as required. This will eliminate licensing errors due to input errors.

Upgrade Notes

- If you are upgrading Datacolor PAINT, you can continue using the hardware security key. Datacolor PAINT recognizes either key. You will not be prompted to validate the software license when a hardware key is installed.
- If your hardware key fails, you will immediately need to validate the software license. Contact Datacolor Support for assistance in performing this validation.

Software Licensing Procedure

The procedure detailed below is used to license the software via a direct web connection.



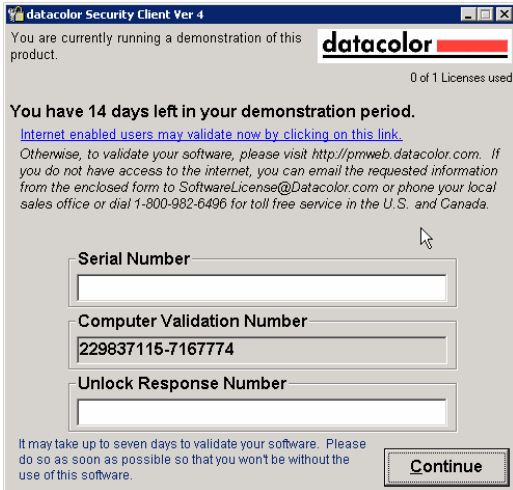
NOTE

If you do not have an internet connection, call your Datacolor regional support office listed in the front of this guide to obtain the *Unlock Response Number* for your system. You must provide the serial number on the Datacolor PAINT CD case to the Datacolor personnel.

- Click on the Datacolor PAINT icon to launch the program.



The Datacolor Security Client window will open:



2. In the *Serial Number* field, enter the serial number for Datacolor PAINT. This is found on the CD label.

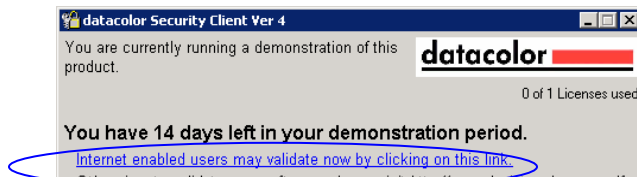


NOTES

This screen remains open during the validation process. You will later be asked for the *Computer Validation Number*. We suggest that you return to this window, to copy and paste the *Computer Validation Number*. This will eliminate keyboarding errors.

Selecting **Continue**, while in the demonstration period, will bypass the validation procedure and open the program.

3. Click on the link to the web connection:



The window below is displayed:

Welcome to Datacolor's software validation web service. To validate your software, please enter the following information, then press continue.

First Name:

Last Name:

Email:

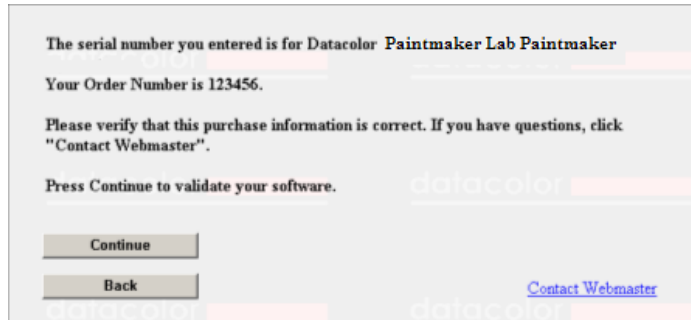
Serial Number:

[Contact Webmaster](#)

This window provides an Internet connection to the Datacolor web validation service, and remains open during the validation procedure.

- In the *First Name*, *Last Name* and *Email* fields, provide your contact information. In the *Serial Number* field, enter the product serial number again. It must match the number you entered in the previous screen.

4. Click the **Continue** button. The window below is displayed:



This window verifies that the serial number is valid, and displays information about the product.

- Click **Continue** to proceed. The program will prompt you for the computer validation number:



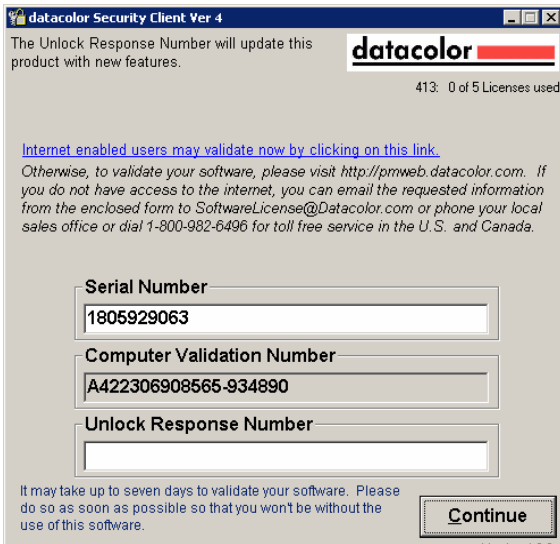
- Enter the computer validation number from the Datacolor Security Client window, and click **Validate** to continue. A number will be displayed in the *Unlock Response Number* field.



NOTE

You can copy the *Computer Validation* number from the *Datacolor Security Client* screen, using the standard Windows **Copy** command. You can paste it here, using the **Paste** command.

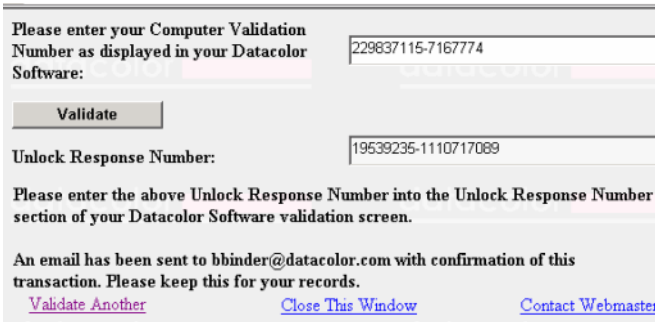
- Return to the Datacolor Security Client screen, and enter the **Unlock Response** number:



NOTE

You can copy the *Unlock Response Number* from the web validation screen using the standard Windows Copy command, and paste it into this screen using the **Paste** command.

- Return to the web validation screen. The validation process is completed, and Datacolor Datacolor PAINT is now licensed.



- To end the licensing procedure, click **Close this Window**.



NOTE

You will receive an email confirmation containing the serial number and unlock response number for each license you validate. We recommend that you make copies of these for reference purposes.