INSTALLATION & STARTUP
Wasatch SoftRIP®

CONTENTS

WASATCH
COMPUTER TECHNOLOGY

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SYSTEM REQUIREMENTS

INSTALLATION & STARTUP

The faster the CPU, the faster Wasatch SoftRIP will process your images. Therefore, it is advisable to buy the fastest computer you can. While more RAM will also help speed up the processing, it is the speed of the CPU that directly affects how fast SoftRIP runs. For more information on system requirements, go to **www.wasatch.com/specs.html**.

Wasatch SoftRIP can process more than one image at a time and take advantage of multiple CPUs for this purpose, including new, state-of-the-art hyperthreaded and multi-core processors. For every additional processor in your computer, it is recommended that you double the amount of RAM.

It is important to use multi-gigabyte disk drives on computers that are intended for use in high resolution printing, especially if you plan to keep RIP'd files available in the Wasatch Print Queue.

Displays must be set for a minimum of 1024 x 768 pixels, and for a Color Quality of **True Color** (a minimum of 24-bit color depth).

3   NETWORK CONNECTION

A single, high-end inkjet printer in an ethernet environment can demand well over 500 kilobytes per second for long periods of time. Newer printers can demand even more. This is a sustained data-rate that can seriously impact your network, especially if you are set up with an older 10Base-T arrangement. Data may then fail to reach your printer fast enough, causing problems such as pausing of the print head. The integrity of your network will also affect the performance of the Wasatch ImageNET™ Graphics Transfer and Management System (see page 9).

For network printing, we recommend the use of 100Base-T ethernet cards that install on the PCI bus of the computer running Wasatch SoftRIP. We also suggest the use of 100Base-T switches (not hubs).

You should consider connecting Wasatch SoftRIP to these printers on an isolated network with its own switch and cables, and with a dedicated network card in the computer running the SoftRIP software. Isolating heavy traffic will improve overall network performance.

INSTALLATION

INSTALLING UPGRADES - IMPORTANT!

If you are installing an upgrade to your previous version of SoftRIP, please refer to the document located in the \misc\upgradeinfo\upgradeinfo.html folder found on the SoftRIP Application CD.

1. **Obtain your Wasatch registration code:**

   There are two options:

   • Register online: Go to **www.wasatch.com** and select Register Software.

   • Fax the completed Registration Code form to **801-575-8075**. The fax form is included in the box with your SoftRIP CD-ROM.

   An enabling code that matches your hardware key serial number will be provided by e-mail or fax when we receive this information. It will be sent during our normal business hours (8:30 am to 5:30 pm US Mountain Standard Time, Monday through Friday, except holidays). The enabling code not only activates your software for full production, it also initiates your 180-day free technical support contract, available from our service department by e-mail, fax, or phone.

2. **Install SoftRIP Imaging Configurations:**

   • Install the Wasatch hardware key (also known as the dongle or Logic Module) in the appropriate port on your PC. Your hardware key will be compatible either with the parallel port or USB port. If you are using a USB dongle, you will be prompted

INSTALLATION

to remove the dongle at some point during the installation, then replace it after the dongle drive has been installed. It is important to follow these instructions. Insert the Wasatch SoftRIP Disk 1 Application CD-ROM in the appropriate CD drive. The installation should run automatically once the CD is in the drive, launching a series of installation screens. On the first screen (Illustration 1), click **Install** to continue.

- On the second screen, choose a language (**Note:** limited language editions of SoftRIP do not display this screen).

- On the next screen, choose a destination drive and folder for installation. It is generally recommended that you install onto the largest drive available (C:, D:, E:, etc.) and into the WWRIP(#) folder. For example, if the E: drive is the largest on your system, it is recommended that you install into the E:\WWRIP(#) folder.

Illustration 1: The Setup/Installation screen appears when the Application CD is inserted in the drive

If you know what output device you will be driving, you will probably want to install the Imaging Configurations for that printer now. To do so, insert one of the Imaging Configuration CD-ROMs and check the appropriate choices on the menu, as shown
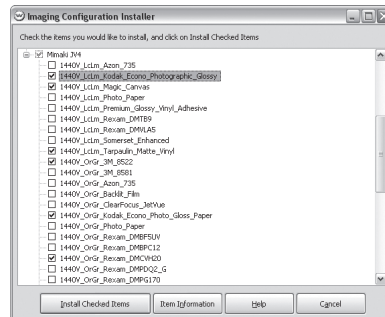
INSTALLATION

Illustration 2: Install Imaging Configurations

in Illustration 2. When you have completed your selections, click on the **Install Checked Items** button.

New Imaging Configurations may be installed at any time, but you will need to have the proper Imaging Configuration available in order to produce accurate images.

3. Enter Wasatch Registration Code:

You do not need to restart your computer after installing Wasatch SoftRIP. When you open Wasatch SoftRIP, you will be prompted to enter your registration code (as well as codes for any special features you might have, such as cutting or textiles).

Enter the application code in the top line of the window and any special codes beneath it, as shown in Illustration 3. The software will mark any images you open as **not registered** until the code is correctly entered. If you experience difficulty at this point,
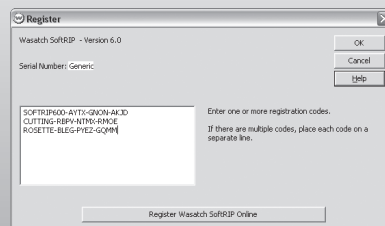

Illustration 3: Enter Registration Codes

INSTALLATION

contact Wasatch customer service at **800-683-8214**.

To begin printing, follow these steps:

1. Select **Setup** from the Print menu at the top of the main screen. This will launch the Setup screen shown in Illustration 4.
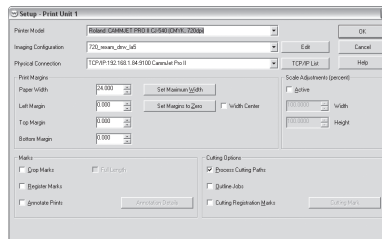

Illustration 4: Choose a Printer Model

2. Choose a **Printer Model** from the drop down menu. This menu allows you to select a printer brand, and then to select your specific printer. There is a displayed default resolution and inkset on most printer selections. These settings will be controlled by your Imaging Configuration. If you plan on using our preset configurations, you will not need to make changes to these default settings, as selecting an appropriate Imaging Configuration will make these changes for you.

3. Choose the **Imaging Configuration** that matches your printing scenario from the drop down window as shown in Illustration 5. Imaging Configurations are installed from the
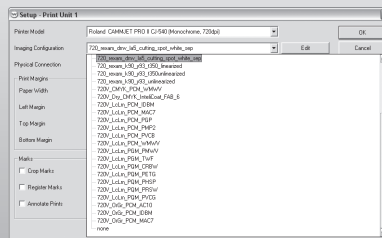

Illustration 5: Choose an Imaging Configuration

INSTALLATION

INSTALLATION & STARTUP

CDs included with the SoftRIP package. An Imaging Configuration is an important selection that sets up pre-configured color and print driver settings that match your inkset, media, output resolution, and various other printing conditions.

When you select the Imaging Configuration menu, you will see a list of all installed Imaging Configurations that are designed for the printer model you have selected. The Imaging Configurations Wasatch provides are produced by our technical staff and allow you to automatically optimize your printer's performance for specific printing conditions.

If no Imaging Configuration matches your media: In some cases, acceptable results can be achieved by selecting an Imaging Configuration that has a similar ink and media combination. However, if you're using third party inks or you can't produce acceptable results with any of our existing Imaging Configurations, you will need to create a customized Imaging Configuration for your printing conditions.

4. Make your first print: Open a sample job from the File menu. The preview image will be displayed on the Main Screen, and the Info, Size, and Tile tabs will be added to the left portion of the screen. From the **Print** menu, you can choose to RIP and Print, RIP Only, or Add to RIP Queue (Illustration 6).

🖶 RIP and Print	Ctrl-P	
RIP Only	Ctrl-R	
Add to RIP Queue	Ctrl-+	
🔧 Setup	Ctrl-U	

Illustration 6: Process the print job

WASATCH IMAGENET™

OVERVIEW

Wasatch ImageNET™ allows users to move and manage image files from any browser-equipped Mac, PC, or Unix platform on the network. Wasatch ImageNET™ utilities allow you to:

• Print directly from Mac or PC applications to SoftRIP hot folders.

• Upload files to hot folders using either the Browse utility or a Drag-and-Drop FTP window.

• Manage key aspects of jobs in the RIP or Print Queues from any networked workstation.

• Create and transmit thumbnails of RIP'd images for review by your customers.

Starting Wasatch ImageNET™

Start ImageNET™ by selecting Wasatch ImageNET™ from the Server menu (Illustration 7). If you would like the network to run every time SoftRIP opens, select Server Startup from the Server menu, and check the appropriate box in the window that opens (Illustration 8).
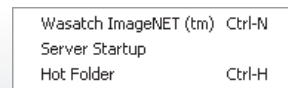
Wasatch ImageNET (tm)	Ctrl-N
Server Startup	
Hot Folder	Ctrl-H

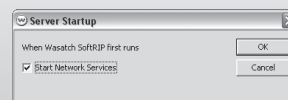**Illustration 7:**
Select Wasatch ImageNet™

Illustration 8: Check to run automatically

WASATCH IMAGENET™

When ImageNET™ is run for the first time, your default web browser will be launched, and it will display the main ImageNET™ screen (Illustration 9).
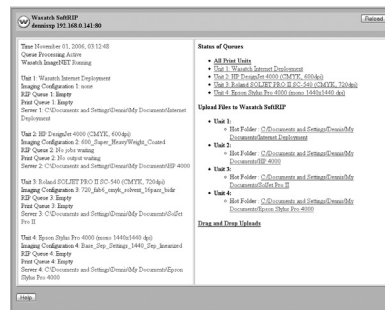

Illustration 9: Displays RIP system over the network

From this window, you can upload files and check and modify the status of the RIP and Print Queues. Once started, ImageNET™ will run until you close the main window of SoftRIP. This service can then be accessed from any browser-equipped computer on your network. Simply run your browser and enter the URL for the TCP/IP address of the SoftRIP system. The URL of your RIP workstation is displayed in the top left corner of the main screen. Whenever ImageNET™ is running, an LPD (TCP/IP Printing) server is also running.

For Wasatch ImageNET™ to run properly, you must make sure the network ports 80, 21, and 515 for TCP and UDP are available. Please consult your network administrator if you need help setting this up.

INSTALLATION & STARTUP

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