

# ***ColorFast™ by Eagle Point***

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# COLORFAST™

*For best results when printing this manual, use a PostScript printer setting.*

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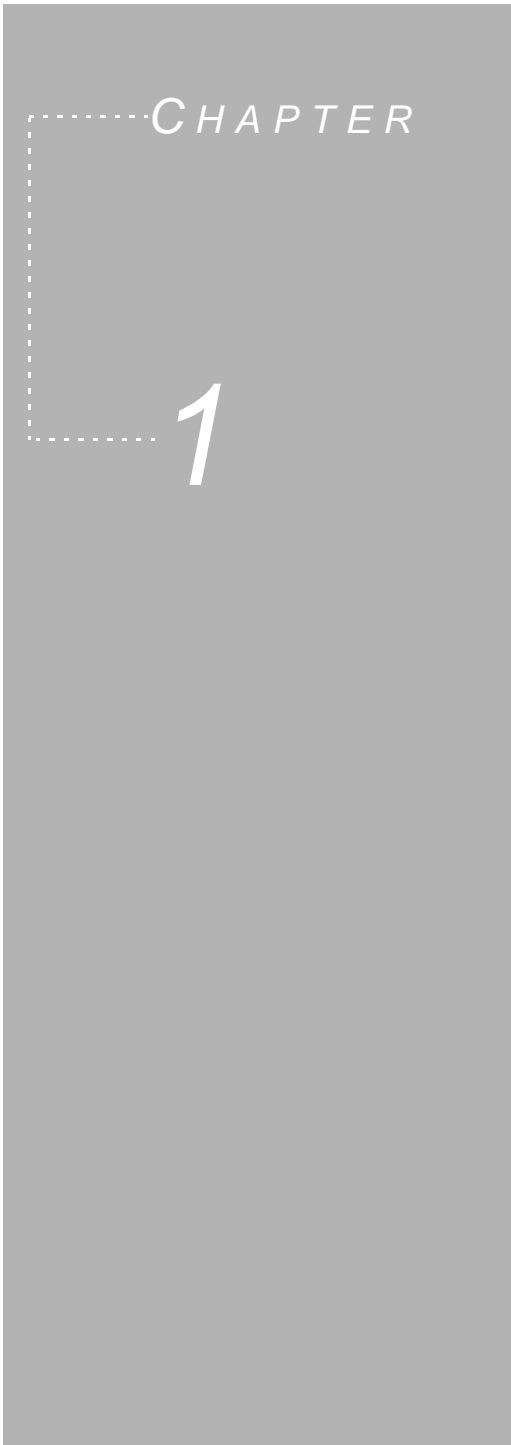
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# INTRODUCTION

Thank you for purchasing Eagle Point's **ColorFast**. By purchasing software products from Eagle Point, you have joined thousands of users of the most powerful, yet easy-to-use, design software available. We appreciate your confidence in our products and we will make every effort possible to ensure that your investment is protected.

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**ColorFast** enables you to instantly apply artistic rendering tools to your CAD drawings, simulating the effects of hand coloring in seconds. You can define solid or gradient fill colors, custom outline colors, and change the display order of objects by moving them behind or in front of one another.

**ColorFast** works equally well with AutoCAD and BricsCad.

**ColorFast** makes paper layout easy with a graphic interface that lets you move, scale and rotate the sheet into position in one step. The paper display shows both outer edges and borders, giving you maximum control of the final output.

**ColorFast** lets you save and update prototype settings for fast setup and drawing creation. Customized paper sizes, color palettes, font mappings, pen widths, and layer definitions are at your disposal for maximum productivity and drafting standards.

We invite you now to roll up your sleeves and put **ColorFast** to work on your projects. Along the way, if we may assist you in any way, please feel free to contact us at 1-800-477-0909.

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## **Manual Layout**

This manual is divided into the following sections:

### *1.0 Introduction:*

This chapter provides a brief description of the organization of the manual, as well as conventions used throughout the manual.

### *2.0 Concepts:*

This chapter describes the typical flow of execution for **ColorFast**.

### *3.0 CAD Commands:*

This chapter describes how to begin a **ColorFast** project inside AutoCAD or BricsCad. Here you learn how to define your paper, insert it into the CAD drawing, and launch the **ColorFast** application.

### *4.0 ColorFast Application Window:*

This chapter introduces the **ColorFast** application window and the organization of its commands.

### *5.0 File Menu Commands:*

This chapter describes how to use the commands under the File menu in the **ColorFast** Window, including how to load and save **ColorFast** drawings, as well as Printing and saving images.

### 6.0 Edit Menu Commands:

This chapter describes the commands found in the Edit menu. These commands provide **ColorFast's** core functions of coloring and filling objects, and altering their display order.

### 7.0 View Menu Commands:

This chapter discusses the commands to navigate your drawing on the screen, including how to Zoom and Pan. You can also control the display of the **ColorFast** Tool bar and Status bar.

### 8.0 Help Menu Commands:

This chapter describes the Help menu commands, including how to display **ColorFast** documentation, how to access **ColorFast** Online, and how to display the About **ColorFast** dialog box.

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## General Layout

This section describes the general layout of the **ColorFast** manual. Included are descriptions of what the various fonts indicate, commonly used words and how to move within dialog boxes using the keyboard.

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## Manual Conventions

This manual uses the following typeface conventions.

### Manual Conventions

<b>Section Names</b>	When you are referred to another section in the manual, the section name is italicized and the page number is given. For example, <i>Introduction</i> on page 1.
<b>Data to Type in</b>	If you need to type data into a field on the dialog box or at the command line, the information you are to type in shows as 1234567890 AaBbCcDdEeFfGgHh and is case sensitive.
<b>Prompts and Messages</b>	Prompts from Eagle Point software and system messages are shown as: Please select node #12345
<b>Step-by-Step Instructions</b>	Step-by-step instructions are included after many commands under the heading QuickSteps.

There are two types of notes used to draw your attention to important information in the manual. The following shows each type, with a description.

 *This is an FYI note. It contains helpful hints and information that can increase your productivity or enhance the use of this module.*

- ✓ **This is a Note Warning. Read these notes very carefully. Information important to successfully using this module will be included in these notes.**

A flow box shows the steps to access the current command. An example of a flow box follows:



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## Terminology

The following terms are used within all Eagle Point manuals. A definition is provided for each term.

### Terminology Definitions



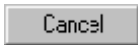






<b>Click</b>	If you are to select an item with your mouse, the documentation will indicate that you are to “click on” the field, icon, button or menu item. To click on a field, press on the primary mouse or digitizer button and release the button in one quick step.
<b>Double-Click</b>	If you are to double-click on a field, you should quickly press the primary mouse button twice.
<b>Select</b>	Select means that you need to highlight the field or word on the pull-down menu and click on it.
<b>Type</b>	If you are to enter data into a field on the dialog box or on the command line, you will be instructed to type a value into a field. The text you are to type will be displayed in a monospace font.
<b>Keys</b>	Whenever you are instructed to press a key on your keyboard, the manual will specify the exact key that you need to press. For example, press the Enter key.
<b>Inactive Field</b>	You cannot enter information into an inactive field. On a dialog box, an inactive field displays as a “grayed out” field.
<b>User-Defined</b>	This means that the parameter, option, value, etc. is determined by you, the user.
<b>&lt;xxxx&gt;</b>	When the command prompt displays a default value that is not constant, the manual will indicate this as <xxxx>. Where the default represents coordinates on the X,Y,Z axes, the prompt will display as <xx.xxxx,yy.yyyy,zz.zzzz>.

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## Using Dialog Boxes

The following describes some hints to aid you when working with dialog boxes.

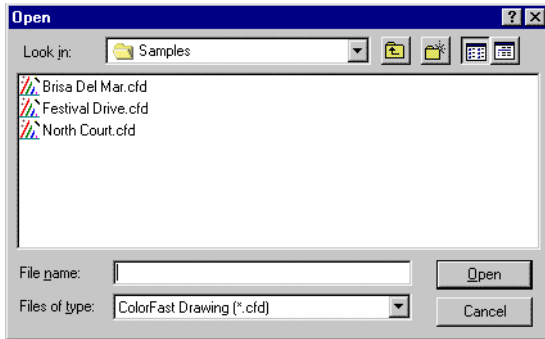
<b>Key</b>	<b>Icon</b>	<b>Function</b>
Tab Key		The Tab key moves the cursor down and/or from left to right within the dialog box.

<b>Key</b>	<b>Icon</b>	<b>Function</b>
<b>Back Tab (or Shift + Tab key)</b>		The Shift + Tab keys move the cursor up and from right to left within the dialog box.
<b>New</b>		The New icon allows you to add/insert new information.
<b>OK</b>		The OK button saves the information that you entered in a dialog box and executes the command.
<b>Cancel</b>		The Cancel button ends the command without saving the information entered.
<b>Browse</b>		Use the Browse button to look for a specific file that you want to open/access.
<b>Modify</b>		The Modify button allows you to modify existing information. This button usually launches another dialog box where the changes are made.
<b>Delete</b>		Click on the Delete button to remove existing information. For example, some dialog boxes contain a list of report formats. If an existing report format is no longer needed, clicking on the Delete button will remove the format. Some Delete buttons will launch a warning box, to give you the opportunity to cancel the delete command.
<b>Close</b>		The Close button closes the active dialog box. Usually all functions in the dialog box have been completed and no data will be lost. Be sure that you save any wanted data before closing the dialog box.
<b>Radio Buttons</b>		A radio button turns on or off an option that controls processing. It may also affect the fields that display on a dialog box as well the fields that are active on the dialog box. A radio button that is turned on has a dark solid center. If the radio button is turned off, the center is not filled in.
<b>Toggle Boxes</b>		A toggle turns on or off an option that controls processing. It may also affect the fields that display on a dialog box as well as the fields that are active on the dialog box. A toggle button that is turned on has an "X" or a check mark in the box.

## Opening and Selecting Files






Whenever Eagle Point documentation discusses the opening or importing of files, a dialog box similar to the Open dialog box (Figure 1-1 on page 6) displays. Choose the type of file by scrolling down the Files of type drop list until you find the appropriate file extension. If you are not sure, scroll to All Files. To select a file, locate the drive and directory and double-click on the drive and directory until the file displays in the File name edit field. Not

all of the fields defined here are shown in this example. Some versions of Windows might show slightly different controls.



**Figure 1-1 Open Dialog Box**

### Open Dialog Box Definitions

<i>Option</i>	<i>Icon</i>	<i>Function</i>
<b>Look in</b>		This drop list displays the drives and directories from which you will choose your file. Choose the directory in which your file is located.
<b>Up One Level</b>		Clicking on this icon allows you to move up one level in your directory search.
<b>Create New Folder</b>		Clicking on this icon allows you to create a new directory. A new folder named New Folder is displayed and highlighted. Place your cursor in this area and type a new folder name.
<b>List</b>		Click on this icon to view a simple list of file names in the selected directory.
<b>Details</b>		Click on this icon to view a list of file names and associated details, including size, file type, and date last modified.
<b>View Menu</b>		Click on this icon to select the viewing method for the list of files. This methods include Large icons, Small icons, List, Details, and Thumbnails.
<b>File name list</b>		This is a list of the files of the selected type in the current directory. To open a file, highlight it here and click on the Open button, or simply double-click on it.
<b>File name</b>		This is the name of the file you are searching for. Type the name, scroll down the File name list box, highlight it and/or double-click on it to choose the desired file.
<b>Files of type</b>		Scroll down the Files of Type until you find the appropriate file extension or choose All Files to display files with all extension types if you are not sure of the extension.
<b>Open</b>		Click on this button to open the selected file.

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## Tool Bar Buttons

ICON: 

Many of the commands in **ColorFast** can be accessed from pull-down menus or a tool bar button. The step-by-step instructions tell you to select the commands from the menu, but you may also opt to use the buttons whenever one is available. Whenever a tool bar button is available for a command, it is displayed after a command heading, as shown in the example above.

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## Help

Eagle Point provides integrated Help to assist you when using the software. Help is provided on the Help pull-down menu. You can also find helpful information about **ColorFast** via the Internet by selecting **ColorFast** Online from the Help menu.

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## Technical Support

At times, you may need help solving a problem. If you do, Eagle Point is available to help you. First, check the Help index to gain further information on a command and its functionality. Second, consult the documentation to see if it has the answer to your question. If you still cannot find the answer to your question, call Technical Support. Technical Support is offered to you free of charge for 60 days after the date of purchase of this product. Support contracts are available at an additional charge, or Eagle Point will bill you directly for the support time incurred. If you need assistance, call:

(800) 477-0909

(563) 556-8392 (outside the United States)

8:00 A.M. to 5:00 P.M. Central Time

Monday-Friday

or FAX questions to Eagle Point Technical Support at

(563) 556-5321 (24 hours a day)

To make the support process more efficient, please provide us with your name, your company's name, telephone number and your extension.

Be sure to have the following information ready for the Support Engineer:

- Version of Eagle Point **ColorFast**
- Type of processor (Pentium II, III, etc.)
- Processor speed (400, 800 MHz, etc.)
- Brand of computer (IBM, Dell, Compaq, Gateway, etc.)
- Type of video card (ATI, Diamond, Panacea, etc.)
- RAM (32, 64 MB)
- Operating system (Windows 95/95B, Windows 98/98SE, Windows Millennium, Windows NT 4, Windows 2000)
- Free hard disk space
- Background information about your question or problem
- You will have to provide information from your computer system. Therefore, call from a telephone that is near your computer.

On occasion, we may ask you to make a copy of the data files for your project and send it to:

Technical Support  
Eagle Point  
4131 Westmark Drive  
Dubuque, IA 52002-2627

Be sure to include a note detailing the nature of your problem and the name of the person who asked you to send the information, and your telephone number, including the area code and extension.

# CONCEPTS

**ColorFast** runs with AutoCAD and BricsCad, and it also runs as a Stand Alone product. It can be purchased as part of an Eagle Point **LANDCADD** product suite, or as a Stand Alone application.

In this chapter:

*Introduction* . . . . . 10

CHAPTER

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# Introduction

**ColorFast** includes commands that must be run from within the CAD environment (AutoCAD or BricsCad) as well as commands that are run inside the **ColorFast** application window.

The typical flow of execution for **ColorFast** is:

➤ **Inside CAD**

**1. Load your CAD drawing in AutoCAD or BricsCad.**

Zoom and pan the CAD view to display the objects you wish to work with in **ColorFast**. You can also turn layers on and off to isolate the objects you wish to work with.

**2. Place the *ColorFast* paper in the CAD drawing. Choose the size and margins of the paper to plot your drawing, then position it to contain the objects you wish to plot at the desired scale.**

**3. Create the *ColorFast* Drawing**

This creates a file with a .CFD file extension and opens it in the **ColorFast** application window. At this point you can close the CAD application.

➤ **Inside *ColorFast***

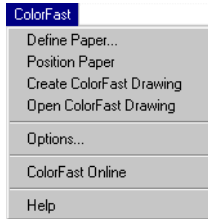
**4. Edit the *ColorFast* drawing. Select your colors, fill effects, pen widths, and shift the display order of CAD layers backward and forward in the view.**

**5. Plot the *ColorFast* drawing.**

Send your **ColorFast** drawing to your printer or plotter for final output.

# CAD COMMANDS

This chapter describes the **ColorFast** commands available from inside AutoCAD or BricsCad. In this chapter you learn how to define and place the **ColorFast** paper inside CAD, how to create a **ColorFast** drawing, how to reposition the **ColorFast** paper, how to make use of **ColorFast's** settings, and how to open the **ColorFast** application window.



**Figure 3-1 ColorFast CAD Menu**

In this chapter:

<i>Define Paper</i> . . . . .	12
<i>Position Paper</i> . . . . .	15
<i>Create ColorFast Drawing</i> . . . . .	16
<i>Open ColorFast Drawing</i> . . . . .	16
<i>Options</i> . . . . .	17
<i>ColorFast Online</i> . . . . .	18
<i>Help</i> . . . . .	18

CHAPTER

3

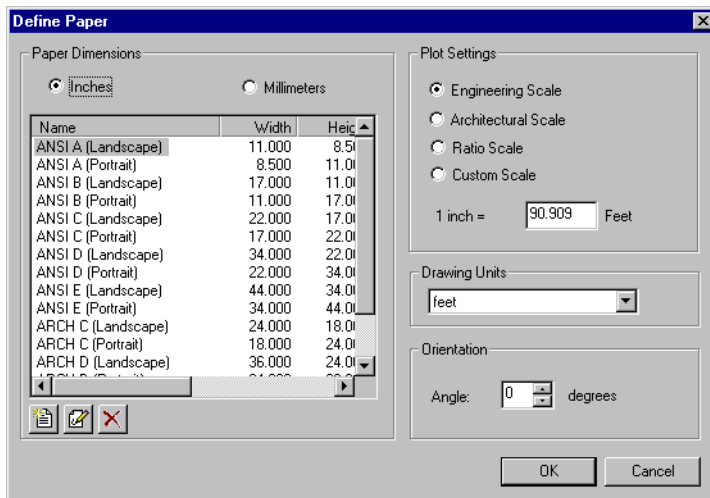
# Define Paper

COLORFAST ⇨ COLORFAST ⇨ DEFINE PAPER

KEY-IN COMMAND: cfpaper


ICON: 

When you select Define Paper from the **ColorFast** CAD menu (Figure 3-1 on page 11) the Define Paper dialog box (below) displays. Use the controls in this dialog box to define the characteristics of the paper on which you wish to plot your **ColorFast** drawing, then click on OK. You then graphically place a Block in your drawing to contain the objects that you wish to include.





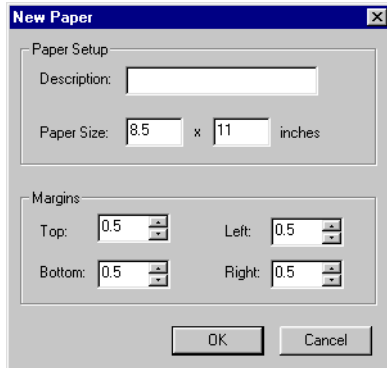
**Figure 3-2 Define Paper Dialog Box**

## Define Paper Dialog Box Definitions

Option	Icon	Function
<b>Paper Dimensions</b>		Select Inches or Millimeters for the paper dimensions
<b>Paper size list</b>		This is a list of the defined paper sizes, including their dimensions and margins.
<b>New paper size</b>		Click on this icon to create a new paper size. The New Paper dialog box displays. Enter the dimensions of the paper and its margins.

## Define Paper Dialog Box Definitions

Option	Icon	Function
<b>Modify paper Size</b>		Click on this icon to modify an existing Paper size. The Modify Paper dialog box displays.
<b>Delete paper size</b>		Click on this icon to delete the paper size that is selected in the Paper sizes list.
<b>Plot settings</b>		Select the type of scale you wish to enter, choosing from Engineering, Architectural, Ratio, or Custom Scales. Engineering Scales are entered as 1" = xx feet. Architectural Scales are selected from a list of standard Architectural Scales. Ratio Scales are entered as a numeric ratio. Custom scales are entered as 1 paper unit = xx drawing units.
<b>Plot scale</b>		Enter the scale value for your drawing.
<b>Drawing Units</b>		Select the drawing units.
<b>Paper Angle</b>		Select the rotation angle of the paper, in degrees.



**Figure 3-3** New Paper Dialog Box

## New Paper Dialog Box Definitions

Option	Function
<b>Description</b>	Enter a name for the paper you are creating
<b>Paper Size</b>	Enter the width and height of the paper you are creating.
<b>Margins</b>	Enter the Top, Bottom, Left, and Right margins for the paper you are creating.

## QuickSteps

To place the **ColorFast** paper into your CAD drawing, execute the following steps:

1. **Select Define Paper from the ColorFast menu.**

The Define Paper dialog box (Figure 3-2 on page 12) displays.

2. **Select the desired paper size by clicking on it in the list. If you do not see the desired size in the list, you can press the New icon to create a new paper size, or you click on the Modify icon to modify an existing paper size.**
3. **Enter the desired Plot Settings.**

You can choose from four different styles of plot scales. Choose from Engineering, Architectural, Ratio, or Custom scale.
4. **Enter the scale value.**
5. **Select the Drawing Units.**
6. **If one unit in the CAD drawing represents one foot, select feet. If one unit in the CAD drawing represents one millimeter, select millimeters, and so forth.**
7. **Select the rotation angle of your paper.**

You are still able to resize and rotate your paper when you place it in the drawing.
8. **Click on OK.**

The Define Paper dialog disappears, and you are now prompted at the command line to place your **ColorFast** paper:  
Place ColorFast Paper (\*,/ to Scale, +,- to Rotate)
9. **Position the paper to contain the drawing objects that you wish to see in your ColorFast drawing. As you move the paper, you can scale and rotate it dynamically as necessary.**
10. **Press the \* (asterisk) and / (slash) keys to scale the paper up or down respectively (only from the number pad).**
11. **Press the + (plus sign) and - (minus sign) keys to rotate the paper counterclockwise and clockwise respectively (only from the number pad).**
12. **When the paper is positioned correctly, press the mouse button to place it in the drawing.**

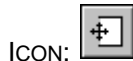
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# Position Paper

COLORFAST ⇨ COLORFAST ⇨ POSITION PAPER

KEY-IN COMMAND: CFMOD



When you select Position Paper from the **ColorFast** File menu you are prompted at the Command line to position the **ColorFast** paper, exactly as when you used the Define Paper command. Position Paper allows you to update the **ColorFast** paper's position in the drawing.

---

## QuickSteps

To reposition the **ColorFast** paper in your CAD drawing, execute the following steps:

**1. Select Position Paper from the *ColorFast* menu.**

You are prompted:

Place ColorFast Paper (\*,/ to Scale, +, - to Rotate)

- 2. Position the paper to contain the drawing objects that you wish to see in your *ColorFast* drawing.**
- 3. As you move the paper, you can scale and rotate it dynamically as necessary.**
- 4. Press the \* (asterisk) and / (slash) keys to scale the paper up or down respectively (only from the number pad).**
- 5. Press the + (plus sign) and - (minus sign) keys to rotate the paper counterclockwise and clockwise respectively (only from the number pad).**
- 6. When the paper is positioned correctly, press the mouse button to place it in the drawing.**

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## Create ColorFast Drawing

COLORFAST ⇨ COLORFAST ⇨ COLORFAST DRAWING

KEY-IN COMMAND: c fpl ot



ICON:

When you select Create **ColorFast** Drawing from the **ColorFast** File menu, a new **ColorFast** drawing is created and opened in the **ColorFast** Application window. The new **ColorFast** drawing contains all the CAD drawing objects that are visible inside the limits of the **ColorFast** paper that was defined with **ColorFast's** Define Paper command. For discussion of the **ColorFast** Application Windows, see *ColorFast Window*, which begins on page 19.

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## Open ColorFast Drawing

COLORFAST ⇨ COLORFAST ⇨ OPEN COLORFAST DRAWING

KEY-IN COMMAND: c fl aunch



ICON:

When you select Open **ColorFast** Drawing from the **ColorFast** CAD menu (Figure 3-1 on page 11), the current **ColorFast** drawing is created and opened in the **ColorFast** Application window. For discussion of the **ColorFast** Application Windows, see *ColorFast Window*, which begins on page 19.

# Options

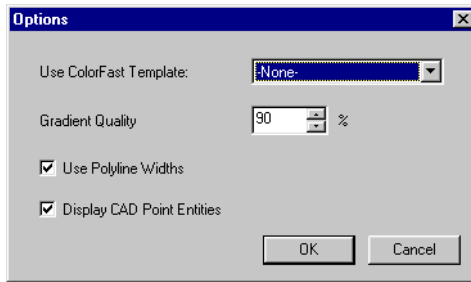
COLORFAST ⇨ COLORFAST ⇨ OPTIONS

KEY-IN COMMAND: cfoptions



ICON:

When you select Options from the **ColorFast** CAD menu (Figure 3-1 on page 11), the Options dialog box (below) displays.



**Figure 3-4 Options Dialog Box**

## Options Dialog Box Definitions

Option	Function
<b>Use ColorFast Template</b>	Select the <b>ColorFast</b> template to be used from the drop list.
<b>Gradient Quality</b>	Set the display quality level of gradient fills. Using a higher number increases the visual quality of any gradient fills in your <b>ColorFast</b> drawing, but can also make the plot files very large.
<b>Use Polyline Widths</b>	Toggle this option on if you wish to have <b>ColorFast</b> display polylines using their width values that are stored in the drawing. This is useful when polylines have varying widths. Otherwise, <b>ColorFast</b> draws polylines using the defined <b>ColorFast</b> pen width for each layer.
<b>Display CAD Point Entities</b>	Turn on this toggle if you wish to see CAD drawing POINT entities displayed in your <b>ColorFast</b> drawing. Turn off this toggle if you do not wish to see them.

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## ColorFast Online

COLORFAST ⇨ COLORFAST ⇨ COLORFAST ONLINE

KEY-IN COMMAND: cfonl i ne

When you select **ColorFast** Online from the Help menu, a Web browser is opened and displays the **ColorFast** Online Web page. This Web page contains information helpful to **ColorFast** users, and is updated on a regular basis.

 *In order to use the **ColorFast** Online command, you must have access to the Internet, and have a Web browser (Microsoft Internet Explorer, Netscape, etc.) installed.*

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## Help

COLORFAST ⇨ COLORFAST ⇨ HELP

KEY-IN COMMAND: cfhel p

When you select Help from the **ColorFast** menu, the **ColorFast** documentation is displayed using Adobe Acrobat Viewer. Use the controls in the Adobe Acrobat Viewer program to read and navigate the **ColorFast** documentation.

# COLORFAST WINDOW

This chapter describes how to use the **ColorFast** Window. This window can be launched from inside the CAD program you are using, or it can be launched from the Windows Start menu. If you installed **ColorFast** as part of Eagle Point's **Civil/Survey** or **LANDCADD** product suite, you can launch **ColorFast** from the Eagle Point Products menu.

In this chapter:

*Using the ColorFast Window* . . . . . 20

CHAPTER


4

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## Using the ColorFast Window

The **ColorFast** window is used to display and manipulate the appearance of a **ColorFast** drawing. Changes to a **ColorFast** drawing do not affect the CAD drawing from which it was derived. When you are satisfied with the appearance of the **ColorFast** drawing, you can use the print command to send it to your printer or plotter for final output.

 Remember that you must first use the *Define Paper* and *Create ColorFast Drawing* commands in your CAD system before launching the **ColorFast** window. The **ColorFast** window requires a **ColorFast** drawing (.CFD file) to display.

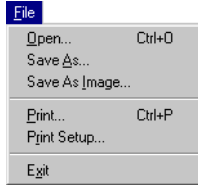
The **ColorFast** Window has pull-down menus to organize its commands. Some commands are also available from the **ColorFast** tool bar.



**Figure 4-1** ColorFast Window

# FILE

This chapter describes how to use the commands under the File menu in the **ColorFast** Window. In this chapter you learn how to open a **ColorFast** drawing, how to save a **ColorFast** drawing, how to save an image of a **ColorFast** drawing, how to do a Print Setup and how to print your **ColorFast** drawing.



**Figure 5-1 File Menu**

In this chapter:

<i>Open</i> . . . . .	22
<i>Save As</i> . . . . .	22
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<i>Print</i> . . . . .	24
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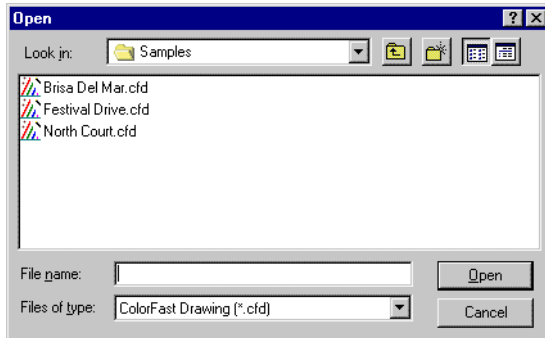
---

---

# Open

COLORFAST ⇨ FILE ⇨ OPEN

When you select Open from the File menu, (Figure 5-1 on page 21), the Open dialog box (below) displays. This is a standard open/select dialog box. The file type is set to **ColorFast** Drawing and cannot be changed. Select the desired file and click on the Open button. The **ColorFast** drawing is then displayed in the **ColorFast** window.



**Figure 5-2** Open Dialog Box

---

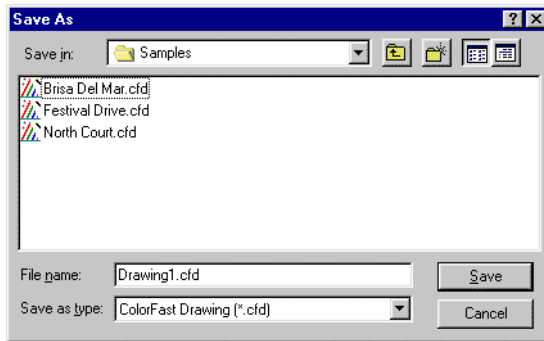
---

# Save As


COLORFAST ⇨ FILE ⇨ SAVE AS

When you select Save As from the File menu (Figure 5-1 on page 21), the Save As dialog box displays. This is a standard open/select dialog box. For more information, see *Opening and Selecting Files* on page 5. This allows you to save your drawing file under a different

name. You should use the Save As command when you wish to change the assigned file name, directory or file type.



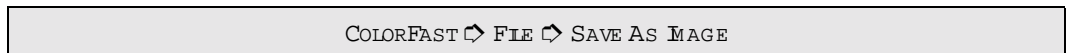
**Figure 5-3 Save As Dialog Box**

 When you use the Save As command, you are creating a new file; when using Save As with an existing file, both the previous and new drawing files are retained, provided the file is given a new name and/or directory.

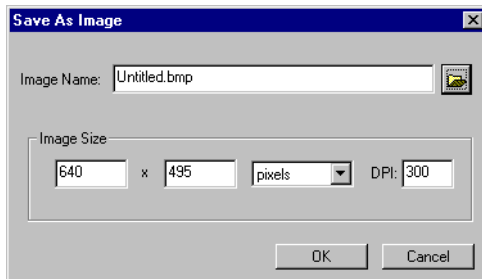
---

---

## Save As Image




When you select Save As Image from the File menu (Figure 5-1 on page 21), the Save As Image dialog box (below) displays. This allows you to save your drawing current view as a Windows bitmap file. You can choose the image name, the image size and the dots-per-inch.



**Figure 5-4 Save As Image Dialog Box**

## Save As Image Dialog Box Definitions

Option	Icon	Function
Image Name		Select a name for the bitmap image to be created.
Image Size		Set the dimensions for the image. The numeric values are for the width and height of the image in the current Image Units. The ratio of the width and height (aspect ratio) remains fixed. So if you increase the width value, the height value increases to maintain the same aspect ratio.
Image Units		Select the units for the bitmap size, choosing from pixels, centimeters, and inches.
DPI		Enter the number of dots per inch to be stored for the image data. Using a higher value improves the image quality, but also increases the size of the file created.

---

---

## Print

COLORFAST ⇨ FILE ⇨ PRINT

The Print command allows you to print the current **ColorFast** drawing to your printer. This displays the Windows standard print dialog, which varies slightly in the various Windows versions.

---

---

## Print Setup

COLORFAST ⇨ FILE ⇨ PRINT SETUP

The Print Setup command allows you to set your printer's options in preparation for the Print command. This displays the Windows standard print setup dialog, which varies slightly in the various Windows versions.

---

---

## **Exit**

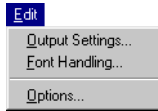
COLORFAST ⇨ FILE ⇨ EXIT

The Exit command closes the **ColorFast** program and any drawing you have open.



# EDIT

This chapter describes how to use the commands under the Edit menu in the **ColorFast** Window. In this chapter you learn how to use Output settings, Font Handling, and **ColorFast** Options. These commands are the heart of **ColorFast** and provide its powerful coloring and artistic rendering capabilities.



**Figure 6-1 Edit Menu**

In this chapter:

<i>Output Settings</i> .....	28
<i>Font Handling</i> .....	31
<i>Options</i> .....	32

# Output Settings

COLORFAST ⇨ EDIT ⇨ OUTPUT SETTINGS

Output Settings is the primary **ColorFast** command. It defines the appearance of the objects in your **ColorFast** drawing. The settings are controlled via layer-based entries in a list box. Each entry you create controls the objects on the corresponding layer of the drawing. You can control the color and width of the pen used to draw the objects on the layer and the color of the pen used to optionally fill in closed polylines on the layer. Closed polylines can be filled with Solid or Gradient fill patterns.

In addition to artistic rendering of drawing objects, **ColorFast** can also control their display order, allowing you to move all objects on a layer forward or backward in the drawing.

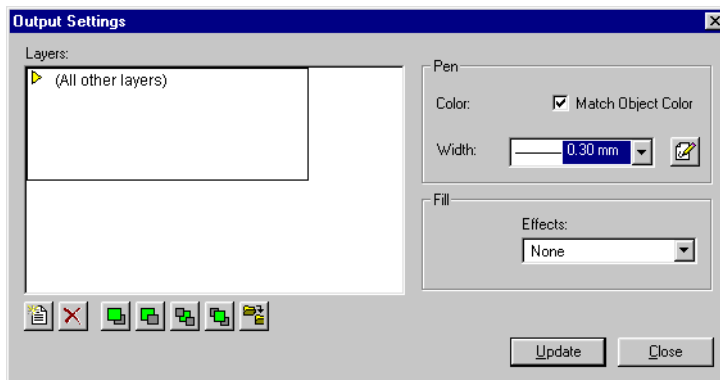









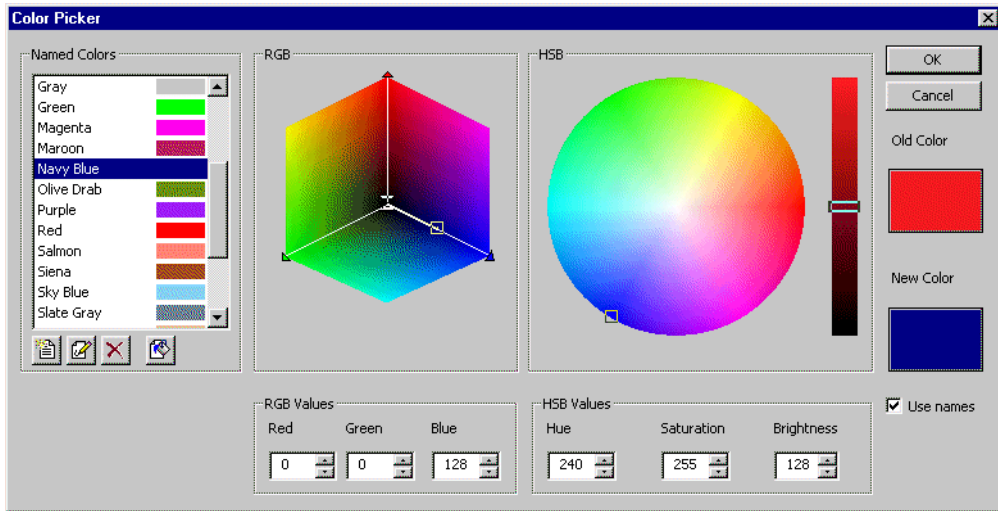
Figure 6-2 Output Settings Dialog Box

## Output Settings Dialog Box Definitions

Option	Icon	Function
<b>Layers</b>		This is a list of layer entries for the current <b>ColorFast</b> drawing. Each entry controls the display of objects on the layer. The currently selected layer entry is indicated with a small yellow triangle next to the layer name. To select a layer, click on it in the list box.
<b>(All other layers)</b>		The (All other layers) entry in the Layers list controls the display of objects on layers that are not specified in the list. It is not necessary to have a layer entry for every layer in the CAD drawing. The (All other layers) entry provides a default for unspecified layers.
<b>Color</b>		Select the pen that should be used to draw linework on the selected layer. Click on the colored square to display the Color Picker dialog box (Figure 6-3 on page 30).
<b>Match Object Color</b>		Turn on this toggle if you wish <b>ColorFast</b> to draw the objects on the selected layer using the same color as they have in the CAD drawing.





## Output Settings Dialog Box Definitions

Option	Icon	Function
<b>Width</b>		Select the pen width for drawing objects on the selected layer.
<b>Fill Effects</b>		Select the type of fill effect you wish to apply to closed polylines on the selected layer. Choose from None, Solid, Gradient: Horizontal, Gradient: Vertical, and Gradient: Radial.
<b>Fill Color</b>		Depending on the Fill Effects chosen, you may see zero, one or two color controls to choose your fill colors from. If your Fill Effects setting is None, there will be no color to select. If you choose Solid Fill, you choose one color. If you choose any of the Gradient Fill options, you have two colors to select. When you click on any of the color controls, the Color Picker dialog box displays.
<b>New</b>		Click on this icon to create a new layer entry. The Add Layers to Configuration dialog box displays. Choose one or more layer entries to be added to the list. The list you select from will comprise drawing layer names that have not yet been added to the Layer Entries list.
<b>Delete</b>		Click on this icon to delete a layer entry from the list.
<b>Bring Forward</b>		Click on this icon to bring the objects on the selected layer one step forward in the display list.
<b>Send Backward</b>		Click on this icon to bring the objects on the selected layer one step backward in the display list.
<b>Send to Back</b>		Click on this icon to bring the objects on the selected layer to the rear of the display list.
<b>Bring to Front</b>		Click on this icon to bring the objects on the selected layer to the front of the display list.
<b>Update Template</b>		Click on this icon to update a <b>ColorFast</b> template with the current Output Settings. This is useful if you use consistent layer names across most of your drawings, and would like to use consistent <b>ColorFast</b> settings with them.



**Figure 6-3 Color Picker Dialog Box**

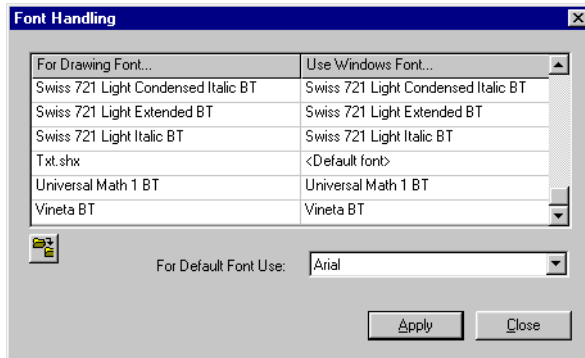
**Color Picker Dialog Box Definitions**

<i>Option</i>	<i>Icon</i>	<i>Function</i>
<b>Named Colors</b>		This is a list of optional named colors to choose from and edit. This list is only displayed if the Use names toggle is on.
<b>New</b>		Click on this icon to create a new named color. You are prompted to give the new color a name.
<b>Modify</b>		Click on this icon to modify a named color. You are prompted to enter a new name for the color.
<b>Delete</b>		Click on this icon to delete a named color.
<b>Update Color</b>		Change the color of the selected named color. The named color is updated with the color displayed in the New color field on the right side of the dialog.
<b>RGB Values</b>		This is a color control based on RGB (Red Green Blue) values ranging from 0-255. You may enter the numeric values in the three edit fields, or graphically pick on the three axes in the cube displayed above.
<b>HSB Values</b>		This is a color control based on HSB (Hue Saturation Brightness). You may enter numeric values in the three edit fields, or graphically pick on the controls to select your color.
<b>Use names</b>		Turn on this toggle to optionally use named colors.

# Font Handling


COLORFAST ⇨ EDIT ⇨ FONT HANDLING

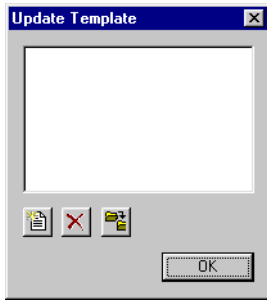
The Font Handling command allows you to define the Windows fonts that are used by **ColorFast** in lieu of CAD drawing fonts. **ColorFast** uses Windows TrueType fonts to display text in drawings.



**Figure 6-4** Font Handling Dialog Box




## Font Handling Dialog Box Definitions

Option	Icon	Function
<b>For Drawing Font</b>		This is a list of CAD drawing fonts that are present in the current drawing. These might be TrueType fonts or shape files (.SHX).
<b>Use Windows Font</b>		This is a list of Windows TrueType fonts. For every font listed on the left side, click on the list entry on the right side to select the font that <b>ColorFast</b> should use.
<b>Update Template</b>		Click on this icon to update a <b>ColorFast</b> template with the Font Handling settings.
<b>For Default Font Use</b>		Select the Windows font to use as the <default font>.



**Figure 6-5 Update Template Dialog Box**

### Update Template Dialog Box Definitions

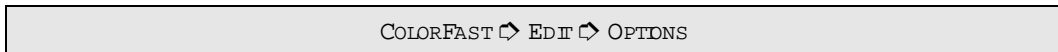
Option	Icon	Function
List		A list of <b>ColorFast</b> Templates. These are files with the extension. FCT residing in the <b>ColorFast</b> Support folder.
New		Click on this icon to create a new <b>ColorFast</b> Template. You are prompted for a name. A file with the extension .CFT is created in the <b>ColorFast</b> Support folder.
Delete		Click on this icon to delete a <b>ColorFast</b> Template file.
Update		Click on this icon to update the <b>ColorFast</b> Template selected in the list with the Font or Layer settings.

---



---

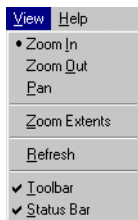
## Options



The Options command is identical to the Options command in the CAD menus. See *Options* on page 17 for more information.

# VIEW

This chapter describes the **ColorFast** commands found on the View menu. In this chapter you will learn how to Pan, Zoom In, Zoom Out, Zoom Extents, and Refresh the **ColorFast** window. You also learn how to toggle Toolbar and Status bar display on and off.



**Figure 7-1 View Menu**

In this chapter:

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<i>Zoom Out</i> .....	34
<i>Pan</i> .....	34
<i>Zoom Extents</i> .....	35
<i>Refresh</i> .....	35
<i>Toolbar</i> .....	35
<i>Status Bar</i> .....	35

---

---

## Zoom In

COLORFAST ⇨ VIEW ⇨ ZOOM IN

The Zoom In command allows you to zoom the view of your **ColorFast** drawing closer. When you select the Zoom In command, your cursor changes to a magnifying glass with a plus sign. Click on the drawing and the view is updated at a closer zoom level. To Zoom in on a specific part of the drawing, click and hold the mouse button, drag to draw a rectangle around the part of the drawing you wish to see. Release the mouse button and the view is updated at a closer zoom level.

---

---

## Zoom Out

COLORFAST ⇨ VIEW ⇨ ZOOM OUT

The Zoom Out command allows you to zoom the view of your **ColorFast** drawing farther out. When you select the Zoom Out command, your cursor changes to a magnifying glass with a minus sign. Click on the drawing and the view is updated at a more distant zoom level.

---

---

## Pan

COLORFAST ⇨ VIEW ⇨ PAN

The Pan command allows you to move your **ColorFast** paper around in the **ColorFast** window. When you select the Pan command, your cursor changes to a hand. Click and hold the mouse button, and drag the paper around on the screen. Release the mouse button when you have positioned the paper as you desire.

---

---

## Zoom Extents

COLORFAST ⇨ VIEW ⇨ ZOOM EXTENTS

The Zoom Extents command allows you to change the view of your **ColorFast** drawing to show you the entire paper in the **ColorFast** window.

---

---

## Refresh

COLORFAST ⇨ VIEW ⇨ REFRESH

The Refresh command re-displays your **ColorFast** drawing.

---

---

## Toolbar

COLORFAST ⇨ VIEW ⇨ TOOLBAR

The Toolbar command is a menu toggle that turns on and off the display of the **ColorFast** tool bar. If the **ColorFast** tool bar is turned on, a check mark is displayed next to the Toolbar menu entry.



**Figure 7-2 ColorFast Toolbar**

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---

## Status Bar

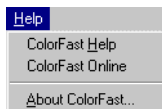
COLORFAST ⇨ VIEW ⇨ STATUS BAR

The Status Bar command is a menu toggle that turns on and off the display of the **ColorFast** Status Bar (at the bottom of the **ColorFast** window). If the **ColorFast** Status Bar is turned on, a check mark is displayed next to the Status Bar menu entry.



# HELP

This chapter describes the **ColorFast** commands found on the View menu. In this chapter you will learn how to Pan, Zoom In, Zoom Out, Zoom Extents, and Refresh the **ColorFast** window. You also learn how to toggle Toolbar and Status bar display on and off.



**Figure 8-1 Help Menu**

In this chapter:

<i>ColorFast Help</i> .....	38
<i>ColorFast Online</i> .....	38
<i>About ColorFast</i> .....	38

---

---

## ColorFast Help

COLORFAST ⇨ HELP ⇨ COLORFAST HELP


When you select **ColorFast** Help from the Help menu, the **ColorFast** documentation is displayed using Adobe Acrobat Viewer. Use the controls in the Adobe Acrobat Viewer program to read and navigate the **ColorFast** documentation.

---

---

## ColorFast Online

When you select **ColorFast** Online from the Help menu, a Web browser is opened and displays the **ColorFast** Online Web page. This Web page contains information helpful to **ColorFast** users, and is updated on a regular basis.

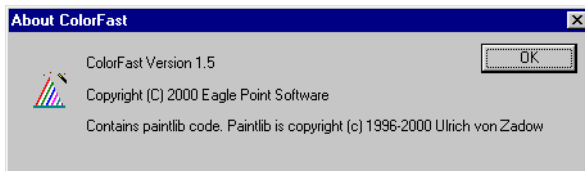
 *In order to use the **ColorFast** command, you must have access to the Internet, and have a Web browser (Microsoft Internet Explorer, Netscape, etc.) installed.*

---

---

## About ColorFast

When you select About **ColorFast** from the Help menu, the About **ColorFast** dialog box (below) is displayed. The About **ColorFast** dialog box is useful for determining the exact product version of **ColorFast**. If you are speaking with an Eagle Point Technical Support Representative, you might be asked to verify the version using this command.



**Figure 8-2** *About ColorFast Dialog Box*

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