

Screening **Sample**

In this Advanced Tutorial you will learn all about the screening options in :APOGEE Prepress. You learn how to use Ruling Maps, Halftone Screens and Fixed Screening.

Duration: You will need approximately 2 hours to complete the lessons in this Advanced Tutorial.

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This tutorial is only a preview of the full advanced tutorial.

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Advanced Tutorial Objectives

This Advanced Tutorial is divided into a series of lessons. In these lessons, you will learn how to:

- Display the screen and halftone screen settings.
- Install a halftone screen for your output device.
- Change the screen angles for spot colors.
- Define a default screen in the Halftone Screen resources.
- Create a ruling map and use it to process a job.
- Use Fixed Screening to overrule all screening settings in the incoming document and replace them with the screening settings defined in the ticket.
- Separately specify the screening settings for objects and images.
- Work with application dot shapes and angles by taking them from the information provided in the incoming document.
- Keep the halftone settings that are set in :APOGEE Prepress for incoming documents.
- Import and use a custom dot shape to process a document.

Before You Begin

Before you start the lessons in this Advanced Tutorial, make sure that you are logged on to the :APOGEE Prepress System with Administrator access level.

You will also need the following sample files and tickets which are bundled together with this Advanced Tutorial PDF file:

- 2400_150_default.ps
- 1200_75_default.ps
- 1200_73_Square_Cyan7degrees.ps
- Freehand.ps

- CR_80_1200_UNC.mime
- square.mime

These files are provided in a single ZIP file, which is available for downloading from the Graphics Portal - Services Library website.

NOTE: While working through the lessons in this Advanced Tutorial, do not forget to replace **studentname** with your own name in the Administration tab.

Make sure that a TIFF Platesetter is installed on your system as this is required for the exercises in this Advanced Tutorial.

Contact Us

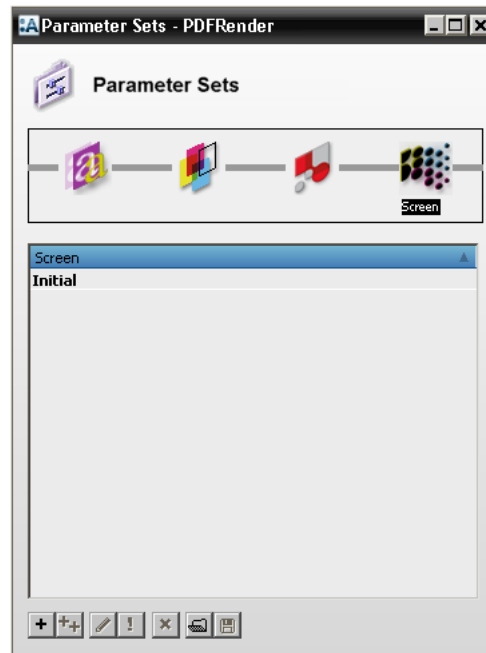
Agfa welcomes your suggestions, questions or comments about this documentation. You can send e-mail feedback to: Apogee@agfa.com

LESSON 1: Screening in :APOGEE Prepress (Fully included)

This exercise introduces you to the screen and halftone screen settings. You need to have administrator access to manage screens in :APOGEE Prepress. You can access all screen settings as well as Halftone Screens settings from the System Overview window.

▷ To display the screening settings

- 1 In the **System Overview** window, select the **PDFRender** Task Processor.
- 2 Double-click the **Parameter Sets** Resource.
- 3 Select the **Screen** operation.



- 4 You can do one of the following:

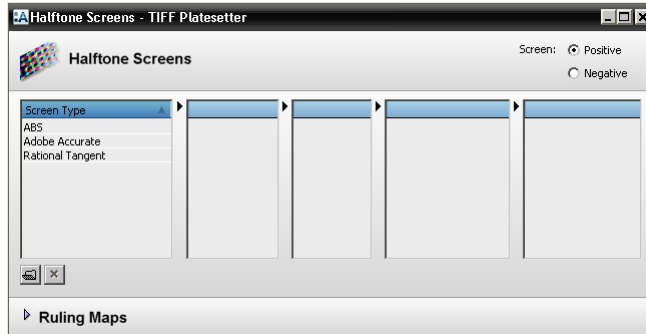
- Click **New** to create a new parameter set for screening.
- Click **Edit** to edit an existing parameter set.

- 5 Close the Parameter Sets window.

▷ To display the Halftone Screens settings

- 1 In the **System Overview** window select your output device.

2 Double-click the **Halftone Screens** Resource.



If a screen appears in italics in the Screen Type list, this means that you do not have a license for this particular screen.

3 Close the Halftone Screens window.

LESSON 2: Installing Halftone Screens

In this exercise, you will learn how to install a Halftone Screen for your output device. You will use this Halftone Screen in the other exercises of this lesson.

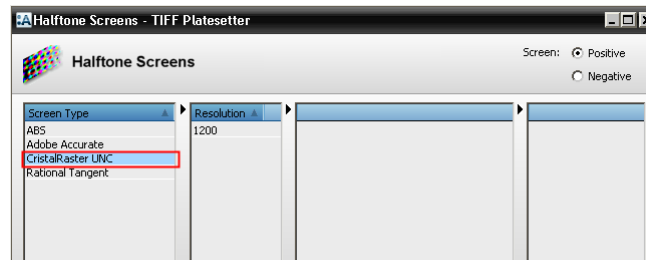
▷ To install Halftone Screens

- 1 In the System Overview window select the **TIFF Platesetter**.
- 2 Double-click the **Halftone Screens** Resource.
- 3 Click the **Import** button and browse for the screen package that you want to install. For this exercise select the **CR_80_1200_UNC.mime** sample file.

This screen will be installed on all devices.

- 4 Click **Open**.

You will see a message indicating that :APOGEE Prepress is importing halftone screens.



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