

14.4.2 Lab: Optimize Scanner Output

Introduction

Print and complete this lab.

In this lab, you will scan a picture at two different levels of DPI. The results will be displayed and compared on your monitor, as two saved files, and as two printed images.

Recommended Equipment

The following equipment is required for this exercise:

- A computer with Windows installed
- An All-in-One Printer/Scanner installed

Step 1

Scan the image supplied by your instructor at 300 DPI, and then save it as a file named SCAN1.

Right-click the SCAN1 file, and then select **Properties**.

What is the size of the image?

Print the image.

Step 2

Scan the same image at 72 DPI, and then save it as a file named SCAN2.

Right-click the SCAN2 file, and then select **Properties**.

What is the size of the image?

Print the image.

Step 3

Did it take longer to scan SCAN2 than it did to scan SCAN1?

Why?

Step 4

Is there a difference between the sizes of the image files?

Why?

Step 5

Open both image files.

Which image, in your opinion, looks better?

Which of the printed images, in your opinion, looks better?

Step 6

What DPI setting would work best when scanning an image to be used on a Website?

Why did you choose this DPI setting?

Which DPI setting would work best when printing an image?

Why did you choose this DPI setting?