

# Software Evaluation Guide for Photodex\* ProShow Gold\* 3.2



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## About this Document

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This document is a guide measuring performance of the Intel® Processors on application software. The primary audience for this document includes individuals, publications, OEMs and technical analysts whose goal is to test or evaluate the performance benefits and features of the Pentium Processor. If there are questions that are not answered here on software application performance evaluation of the Pentium Processor, please contact your Intel representative.

Each software application test measures different aspects of processor and/or system performance. While no single numerical measurement can completely describe the performance of a complex device like a microprocessor or a personal computer, application tests can be useful tools for comparing different components and systems. The following results and procedures give a glimpse of the performance of certain software applications, however your own usage of each application may vary from what is shown here. The only totally accurate way to measure the performance of your system, is to test the actual software applications you use, in the way you use them, on your computer system. Test results published by Intel are measured on specific systems or components using specific hardware and software configurations, and any differences between those configurations (including software) and your configuration may make those results inapplicable to your component or system.

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## Chapter 1

# Processor Performance on ProShow Gold\* 3.2

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### 1.0 Software Description

ProShow Gold allows the user to combine photos, videos and music to create spectacular slide shows. The software provides the capability to share memories with friends and family on DVD, PC, and the Web. ProShow Gold brings still photos to life by adding motion effects like pan, zoom, and rotate. The user can also add captions to a photo or video and choose from over 280 exciting transition effects.

### 1.1 Test Workload Description

The workload takes 29 high resolution jpeg photos and converts them to an mpeg2 DVD quality slideshow video file. The photos are in 3872x2592 resolution and total about 170MB. The output slideshow file is about 3min and 9 seconds.

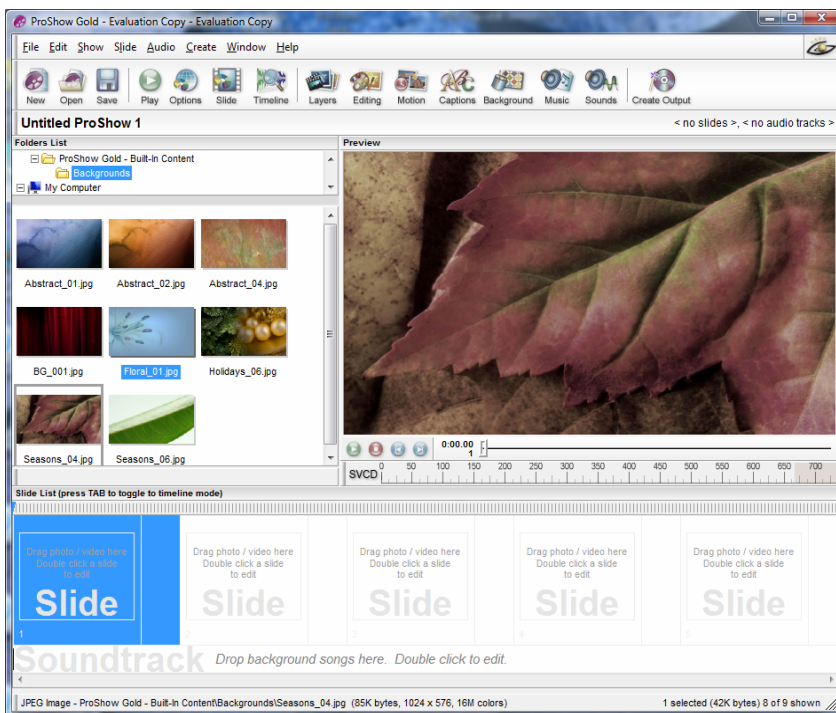
## Chapter 2

# Procedure for Evaluating Performance

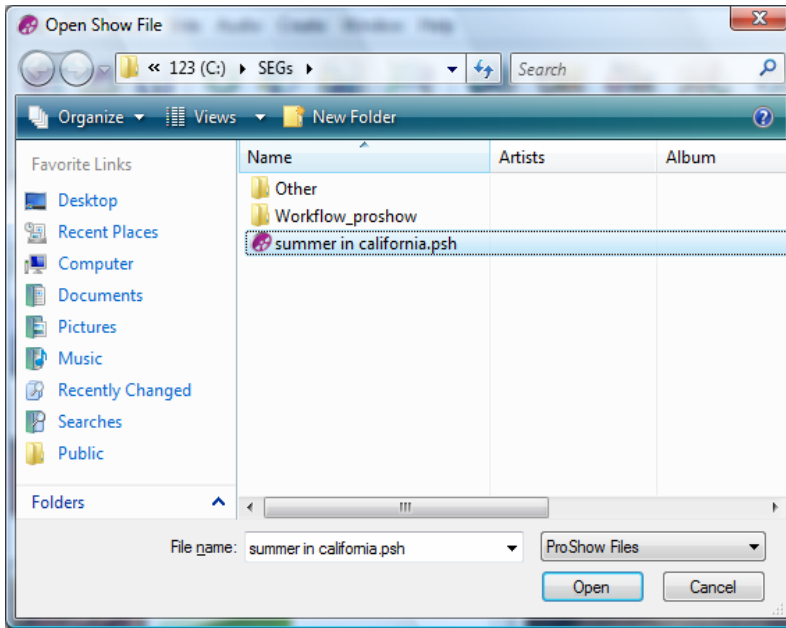
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The following is a procedure for evaluating performance while running ProShow Gold\* 3.2.

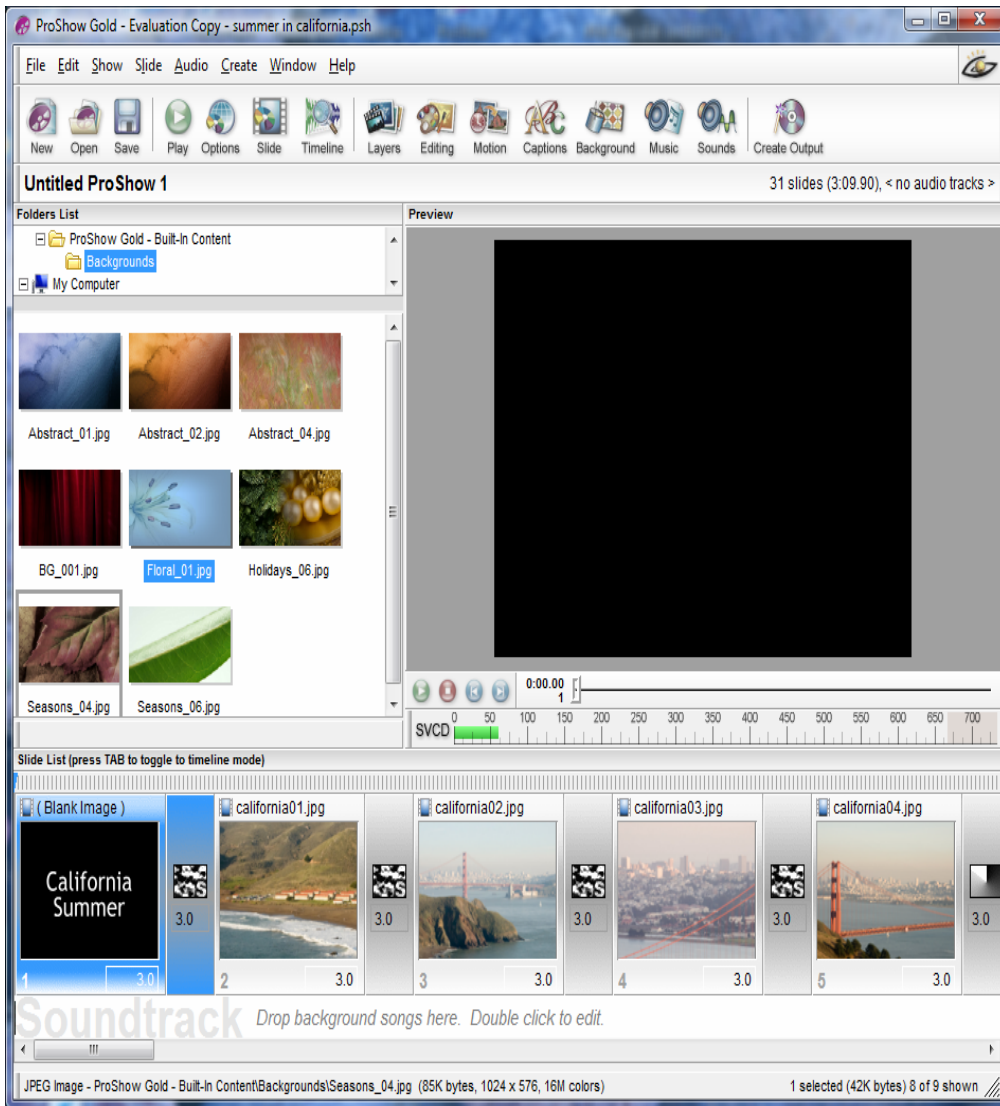
1. Download Proshow Gold\* 3.2 from <http://www.photodex.com> and place it on your desktop.
2. Double click the installation binary psgold\_32\_2042.exe on your desktop and install ProShow Gold with default settings.
3. Reboot your computer.
4. Click the icon that says ProShow Gold\* on your desktop. The dialog below will appear.



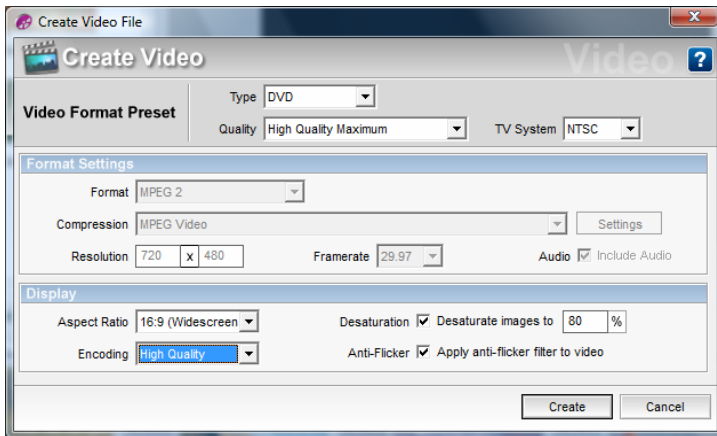
5. Click on the File menu and select Open.
6. In the dialog below, choose the summer in california.psh project and open it.



7. After clicking on Open, the project should appear as shown below.

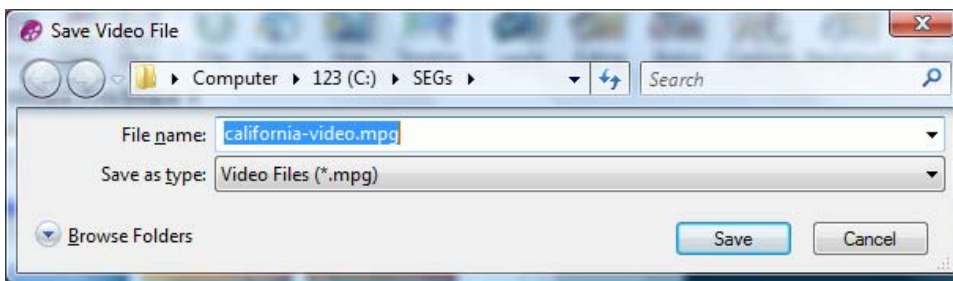


8. Click on the Create menu and then select the item for Video File. The dialog below will appear. The settings should be set to match what is shown. The type and quality presets should be set to DVD and High Quality Maximum respectively. The aspect ratio should be set to 16x9 widescreen and the Encoding set to High Quality.

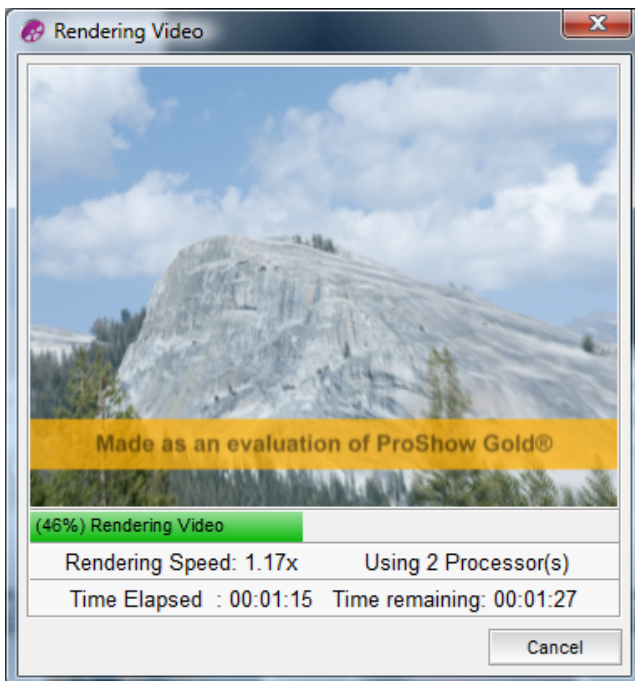


9. Click the Create button.

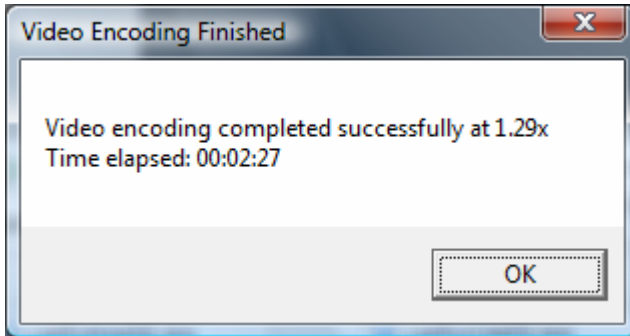
10. Name the output file. In this example, the output is named california-video.mpg.



11. Click the Save button. While encoding is in progress, the progress dialog bar below will appear.



12. When video encoding has finished, the dialog below will appear.



13. Record the Time elapsed. This is how long the system needed to encode the video. Click OK and delete output files before running the test again.

### Running the Test Using a Script (Optional)

- You also have the option of running this workload with an automated script.
- The script will look for application and workload files in specific directory locations. Please make sure that:
  - i. Your workload file (summer in california.psh) is in c:\SEGs\ and your workload folder (workflow\_proshow) is in c:\SEGs\
- Before running the script, install the application. Open the application once and then close all of the application windows.
- Run the application once manually as a cross check on your script times. The script timing measures the same function as measured in hand-timing and is expected to be close to the stopwatch time.
- Close other open windows before running the script.
- Double-click on the script .exe to start execution. It is best to create a desktop shortcut to the .exe so that no other windows are open when the script starts.
- When the script is finished, it will display the time output as produced by the Proshow\* Gold application.
- The script will close all application windows by itself after the results are displayed. Wait for it to finish closing all windows before rerunning the script. You do not need to delete any of the output files generated by the workload if you are using the script.