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Ofoto 2.0: Description

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TOPIC -----

Included with the Apple Color OneScanner is Ofoto 2.0 scanning software from Light Source, Inc. Ofoto 2.0 maintains the ease of use of the original Ofoto, while adding support for color functions and more automatic image processing.

DISCUSSION -----

Ofoto automatically takes care of many of the traditional difficulties in scanning. Ofoto automatically calibrates each scan for a given display device or printer.

New Features

To the automatic features of Ofoto 1.0 (calibration, straightening, moire reduction), Ofoto 2.0 adds:

- Automatic sharpening
- Color cast correction
- Highlight/shadow adjustment

You can turn off these automatic features from the Image menu.

Automatic sharpening is included because most scanned color photographs lose some detail when printed. Sharpening preserves some of that detail. Ofoto's automatic sharpening is printer-dependent: it sharpens only as much as necessary for your chosen output device's resolution.

Color cast correction automatically removes a uniform color cast that is usually generated by the over- or under-exposure of the original photograph.

Highlight/shadow adjustment ensures that the highlights are as bright as possible and the shadows as dark as possible. Ofoto 2.0 adjusts the highlights and shadows to match the brightness range of the chosen output device.

Other Features

Ofoto contains the highest quality rotation and scaling algorithms of any commercially available scanning software.

Ofoto 2.0 supports image compression using QuickTime.

Ofoto 2.0 is fully integrated with ColorSync. You can use Ofoto and the Color OneScanner to generate a ColorSync profile for any printer.

Ofoto 2.0 allows scanning and processing in the background so that the user can do other things with the Macintosh while the scan process goes on. Many of Ofoto 2.0's functions work even if no scanner is attached.

Ofoto 2.0 supports AppleEvent interfaces for scanning and other basic functions. It is now possible for an OCR or image processing application to use Ofoto as its high-quality scanning front-end. The application simply requests an image with certain settings, and Ofoto delivers it. You only have to place the document on the scanner.
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