

SECOND CHANCE V2.0 UPGRADE!

More new procedures and features have been added to **SECOND CHANCE V2.0**. Additionally, the time required for most of the processes to complete have been substantially reduced!

SCROLLING

As the processes work, the new image is displayed on the monitor screen so you can see what is happening and allow it to continue or abort it. You can NOW scroll the display too.

SAVE and OPEN

The SAVE and OPEN items in the File Menu have been changed for Apple Preferred Format (APF) files. When SCV2 was first developed, the industry standard for APF files was 320 (or 640) bytes wide by 400 lines long. Raptor, Inc. followed that standard. However, the APF format was developed so that graphics of virtually any size could be saved. Lately, some companies have taken advantage of that feature of APF files and their software has been creating files of different widths and lengths.

Now you can open, process and save virtually any size image!

SAVE PARTS OF THE IMAGE

The SAVE and the SAVE 2 x H have one more change. They will both now save parts of the image in addition to the whole image.

SAVE 2 x H

The SAVE 2 x H item will automatically save your image in double height and in Apple Preferred Format. That way not only the size but also the palette information (if in 640) will be taken directly into AWGS and other desktop publishing programs. Now you won't have to stretch it yourself!

SWITCH MODE

Toggles between 640 mode and 320 mode.

MAJKA RESTORE

Further investigation into image restoration processes, and image deblurring in general, by Raptor, Inc. has led to some new information and a new process, the Majka Restoration (MAJKA RESTORE) Process which is faster than the DECONVOLVE and the INVERSE FILTER and is inherently more accurate.

To upgrade to the new release of **SECOND CHANCE V2.0** send,

\$10.00

(plus US\$1.50 for shipping for areas outside of North America)

RAPTOR, INC. * P.O. Box 20756 * Louisville, Kentucky 40250

*** [See other side for new processing times.] ***

SECOND CHANCE V2.0 IS FASTER!

The old and new, estimated time to completions for a 320 pixel by 200 line Screen image at 2.6 MHz are given in the following table.

ESTIMATED TIMES			
Process Name	Old Time	New Time	% Reduction
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EDIT MENU:			
INVERT	20 Sec.	9 Sec.	55%
COLOR TO B/W (AVG)	1 Min. 20 Sec.	1 Min. 20 Sec.	0
COLOR TO B/W (RMS)	New process	7 Min. 20 Sec.	NA
SWAP B<-->W	20 Sec.	9 Sec.	55
CONVERT TO 640	22 Sec.	22 Sec.	0
CONVERT TO 320	1 Min. 10 Sec.	1 Min. 10 Sec.	0
SWITCH MODE	New process	2 Sec.	NA

SMOOTH MENU:			
GLOBAL HIST	4 Min.	20 Sec.	85%
LOCAL HIST	2 Hrs. 40 Min.	35 Min.	78
SPEC HIST	4 Min.	20 Sec.	85
SHOW HIST	1 Min. 45 Sec.	17 Sec.	84
NEIGHBORHOOD AVG	5 Min. 30 Sec.	5 Min.	9
MEDIAN FILTER	5 Min.	5 Min.	0
LOW PASS	20 Min.	14 Min.	30
BAND PASS	20 Min.	14 Min.	30
BAND STOP	20 Min.	14 Min.	30
ADD TWO	2 Min. 30 Sec.	35 Sec.	77
SUBTRACT TWO	2 Min. 30 Sec.	35 Sec.	77

SHARPEN MENU:			
CONTRAST	30 Sec.	30 Sec.	0%
RMS: L	8 Min.	5 Min.	38
RMS: X	8 Min.	5 Min.	38
HIGH PASS	20 Min.	14 Min.	30
POWER FILTER	20 Min.	14 Min.	30
SEGMENTATION	5 Min.	4 Min. 30 Sec.	10
ILLUMINATION *	9 Hrs.	9 Hrs.	0
REFLECTANCE *	9 Hrs.	9 Hrs.	0

RESTORE MENU:			
DECONVOLVE	1 Hr.	1 Hr.	0%
INVERSE FILTER;			
Distance of 5	6 Hrs.	11 Min. 45 Sec.	97%
Distance of 10	1 Hr. 30 Min.	6 Min. 10 Sec.	93
Distance of 20	30 Min.	3 Min. 45 Sec.	88%
Distance of 30	14 Min.	2 Min. 45 Sec.	80
MAJKA RESTORE	New Item	1 Min. 40 Sec	NA
