

**NEW PRODUCT PROPOSAL**

***MEGA VISION***

**ELECTRONIC IMAGING SYSTEM  
for  
Desktop Publishing/Presentations**

**Eastman Kodak Company  
Electronic Photography Division  
343 State Street  
Rochester, New York 14650**

**(1st DRAFT)  
July 1, 1987**

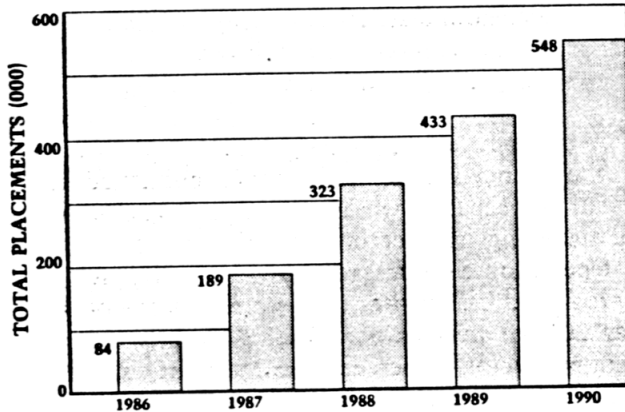
**Prepared by: Pete Sucy**

# Publish!

*The How-to Magazine of Desktop Publishing*

March 1987 \$3.95  
Canada \$4.95

## How Many More Desktop Publishers?



You'll soon have lots of company. Market researcher CAP International (Marshfield, Massachusetts) predicts that by 1990, over half a million desktop publishing systems will be installed.

## HOW TO USE NEW ART TOOLS

A RENEGADE PUBLICATION

\$3.00 U.S. \$3.95 CANADA APRIL 1987

# Personal Publishing

THE NEW ART FOR DESKTOP PUBLISHERS

Special Section: A Practical Guide to Desktop Publishing

# COMPUTER GRAPHIC

PERSONAL COMPUTER GRAPHICS & DESKTOP PUBLISHING FOR APPLE & IBM

# ***MEGA VISION***

## **ELECTRONIC IMAGING SYSTEM**

THE **MEGA VISION IMAGING SYSTEM** IS AN IMAGE PROCESSING WORKSTATION FOR THE RAPIDLY GROWING DESKTOP PUBLISHING MARKET AS WELL AS THE NEW DESKTOP PRESENTATIONS MARKET THAT IS JUST STARTING TO DEVELOP.

THE SYSTEM AS OUTLINED IN THIS BRIEF INTRODUCTION IS BASED ON THE NEW MACINTOSH II COMPUTER. THE MAC II IS BOTH THE MOST POWERFUL AND THE MOST USER FRIENDLY PERSONAL COMPUTER ON THE MARKET. THE ATTENTION TO DETAIL IN THE DESIGN OF THIS STATE OF THE ART COMPUTER INSURES THAT IT WILL REMAIN A WORKHORSE FOR BUSINESS AND SCIENTIFIC APPLICATIONS FOR MANY YEARS.

THE NEW MAC HAS SIX (6) 32-BIT NUBUS CARD SLOTS INTO WHICH CARDS CONTAINING MEMORY UPGRADES, MODEMS, COPROCESSORS, ETHERNET INTERFACES AND GRAPHICS DISPLAY INTERFACES (VIDEO CARDS) MAY BE INSTALLED. IN FACT IT IS POSSIBLE TO HAVE UP TO SIX VIDEO CARDS INSTALLED IN A MAC II, EACH DRIVING ITS OWN MONITOR DISPLAYING A DIFFERENT IMAGE OR EACH DISPLAYING A PORTION OF ONE IMAGE (360° PANORAMAS?) .

THE **MEGA VISION** ELECTRONIC IMAGING SYSTEM REALIZES THE POTENTIAL OF THIS POWERFUL, LOW COST IMAGE PROCESSING ENGINE.

THE **MEGA VISION** ELECTRONIC IMAGING SYSTEM INCLUDES FIVE HIGH RESOLUTION COLOR IMAGING PRODUCTS FOR CAPTURING IMAGES FROM LIVE SCENES, 35MM SLIDES, OR REFLECTION PRINTS UP TO 16 X 20".

- AN IMAGE CAPTURE/ DISPLAY BOARD FOR DISPLAYING CAPTURED IMAGES ON THE 20" FLAT SCREEN RGB MONITOR.
- AN ONBOARD IMAGE COMPANDER PROVIDES IMAGE COMPRESSION FOR STORAGE AND TRANSMISSION.
- TWO THERMAL COLOR PRINTERS OFFERING 35MM MOUNTED SLIDES (ONE AT A TIME) AND 11 X 14 COLOR PRINTS AND TRANSPARENCIES.
- IMAGE PROCESSING/GRAPHICS SOFTWARE PROVIDING TEXT GENERATION AND LAYOUT. POSTSCRIPT OUTPUT TO DRIVE COLOR PRINTERS OR COMMERCIAL COLOR SEPARATION PRINTERS SUCH AS THE ALLIED LINOTYPE 300.

THE **MEGA VISION** SYSTEM PROVIDES THE DESKTOP PUBLISHER OR PRESENTER WITH ALL THE TOOLS NEEDED TO MERGE HIGH RESOLUTION COLOR IMAGES WITH TEXT AND GRAPHICS AND OUTPUT HIGH QUALITY COLOR SEPARATIONS, COLOR THERMAL PRINTS/TRANSPARENCIES OR 35MM THERMAL SLIDES.

# ***MEGA VISION***

## **ELECTRONIC IMAGING SYSTEM**

### **PRODUCT DESCRIPTION AND FEATURES**

**IMAGE CAPTURE/DISPLAY BOARD (NUBUS CARD)** - ALLOWS THE CAPTURE AND DISPLAY OF HIGH RESOLUTION COLOR IMAGES ON THE 20" FLAT TENSION MASK RGB MONITOR. PROVIDES COMPRESSION FOR STORAGE AND TRANSMISSION OF IMAGES, GRAPHICS CHIP ALLOWS FAST IMAGE PROCESSING AND GRAPHICS PRODUCTION. PLANAR ARCHITECTURE.

- 1024 X 1024 X 32 BIT RESOLUTION (8 BITS/COLOR - RGB AND 8 BIT OVERLAY PLANE)
- GRAPHICS CHIP (HITACHI OR NATIONAL SEMICONDUCTOR?)
- COMPANDER (KODAK)
- DIGITAL INTERFACE (SCSI?)

**20" FLAT TENSION MASK RGB MONITOR** - AT LEAST 1024 X 1024 COLOR DISPLAY ALLOWS VIEWING TWO 8X10 PAGES FOR DESKTOP PUBLISHING APPLICATIONS

- ANALOG RGB INPUT

**3-CHIP DIGITAL STILL VIDEO CAMERA HEAD** - AT LEAST 1024 X 1024 RGB CCD'S, (MEGAPIXEL SENSORS?) INTERCHANGEABLE LENSES, OPTIONAL VIEWFINDERS

- DIGITAL INTERFACE (SCSI?)

- \$10,000

**LINEAR DIGITAL TAPE RECORDING MODULE** - HIGH SPEED DIGITAL TAPE RECORDER PROVIDES REMOTE CAPTURE AND STORAGE OF IMAGES WITH 3-CHIP CAMERA

- DIGITAL INTERFACE (SCSI?)

- \$4,000

**35MM SLIDE SCANNER/DIGITIZER** - USES SAME IMAGERS AS CAMERA - ACCEPTS CAROUSEL SLIDE TRAYS

- ALLOWS COLOR, SATURATION AND CONTRAST CONTROL

- DIGITAL INTERFACE (SCSI?)

- \$10,000

**DIGITIZING STAND - USES SAME IMAGERS AS CAMERA - ACCEPTS UP TO 16X20" REFLECTION PRINTS AND 35MM SLIDES**

- ALLOWS COLOR, SATURATION AND CONTRAST CONTROL
- DIGITAL INTERFACE (SCSI?)
- \$10,000 - 15,000

**COLOR HARD COPY IMAGE SCANNER - 1024 PIXEL LINEAR ARRAY**

- DIGITAL INTERFACE (SCSI?)
- \$5,000 - 10,000

**35MM THERMAL COLOR SLIDE PRINTER - PRODUCES MOUNTED 35MM SLIDES AT A RATE OF ONE PER MINUTE**

- LASER ENGINE
- POSTSCRIPT DRIVER
- SCSI INTERFACE
- \$10,000 - 20,000

**11X14 COLOR THERMAL PRINTER**

- 8X10 OR 11X14 COLOR PRINTS OR TRANSPARENCIES
- LASER ENGINE
- POSTSCRIPT DRIVER
- SCSI INTERFACE
- \$10,000 - 20,000