THE PIXAR/SUN CONNECTION

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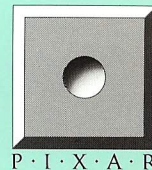
THE PIXAR/SUN CONNECTION

Utilizing a unique parallel processor and memory architecture, the Pixar Image Computer™ now enables computer graphics and image processing applications to be developed using a Sun™ host.

A particularly effective combination is a Pixar Image Computer interfaced to a Sun-3/180 workstation. This is the foundation of the Pixar Development System™, available from Pixar. Pixar also provides complete hardware and software support for the Sun-3/160, 3/260 and 3/280.

UNIX™ ENVIRONMENT

Now you can get the speed and power of the Pixar Image Computer working in tandem with the Sun development environment. Pixar's software is based on the Unix operating system, ensuring smooth start-up and complete compatibility with the wide variety of software available for Unix.

ADVANCED IMAGE COMPUTING

The Pixar Image Computer provides advanced volume imaging, image processing, and image synthesis capabilities to Sun systems. Now true image computing is available in the Sun environment using a Pixar Image Computer.

If you already have a Sun workstation and you would like to incorporate the power and the speed of the Pixar Image Computer into your existing Sun system, you'll need a system configuration equivalent to the Pixar Development System (which is available from Pixar), outlined below:

SYSTEM CONFIGURATION

- Pixar Image Computer
- Host computer
  - Sun 3/180 with 4 Mbytes memory and right to use Unix 4.3 BSD
  - Black-and-white bitmapped monitor, keyboard and mouse
  - VME™-to-Multibus™ adapter
  - Sun software distribution and Sun manual set (single user)
- 19-inch rack (36 inches deep)
- High-resolution RGB monitor with video cables (10 meters)
- 380 Mbyte Fujitsu Eagle disk with controller and RFI covers
- ¼-inch streamer tape or 1600 bpi ½-inch 9-track tape

The Pixar Development System also includes a license for ChapTools™, three training credits, and installation in the U.S.

SUN

OTHER SUN BOARDS | **SUN CPU**
VME BUS
PIXAR-HOST INTERFACE BOARD

UP TO 10 METERS

PIXAR IMAGE COMPUTER
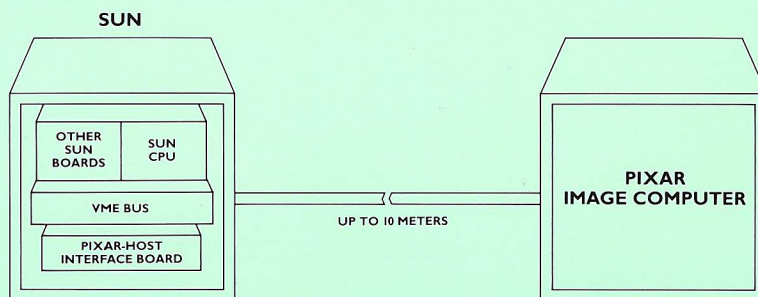
COVER IMAGE:
IMAGE PROCESSING: A SPOT satellite image analyzed by the Pixar Image Computer running Fast Fourier Transform (FFT) and inverse FFT software with an enhancement filter. The filtered image is visible at the top-center of the frame. Image ©CNES 1986.

For more information on the Sun Workstation, contact:
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