Attention CAD system users

Help us help you. Datapro Research and IEEE CG&A want to know about your experience—see our CAD/CAM user survey, page 108.

The GRAPHICS SYSTEM for the 80's

RDS-3000 Graphics Processor and Raster Display System

If your graphics and imaging applications are demanding, the IKONAS RDS-3000 series is the system that can meet your need. The RDS-3000 offers:

**POWER**

- High Speed Architecture designed for computer graphics and image processing
- Fast 32 bit processor for graphics data generation
- Hardware Matrix Multiplier for 3-D transformations, vector products, and filtering operations
- Real Time Video Processing Module for image processing applications
- Video Input Module for real time "frame grabbing"

**FLEXIBILITY**

- Software selectable 512⁻² or 1024⁻³ display format
- Variable frame and line rates: 200-2000 lines/frame
- Pan and scroll in pixel increments, zoom in integer ratios
- Full Window and Viewport Control

**PROGRAMMABILITY**

- Graphics Processor is completely user-microprogrammable and executes the highly parallel code needed for real time and near real time applications
- IDL, the IKONAS DISPLAY LANGUAGE, is a high level command language which makes the IKONAS package of standard graphics routines easy to use.

**EXPANDABILITY**

- RDS-3000 components are modular allowing easy expansion of systems
- Small frame buffer systems can be upgraded at a later time by adding processing modules and image memories up to 1024⁻² x 32

IKONAS strives to meet the graphics requirements of advanced, high technology research groups with our standard products or custom design. Call IKONAS for high performance raster graphics equipment.