“Image processing has never been simpler...or more powerful”

Introducing Comtal's new Vision Two—another step forward in image processing

Discover a new world of image processing with our new Vision Two Series systems and CIPAL—Comtal’s Image Processing Application Library. Together they provide all the capability of high-performance, hardware-based image processing at an entry level price. At another level, it contains a powerful 32-bit processor with Fortran to create your own programs, and features real-time, interactive operation. And, in between are hardware and software configurations to handle any image processing situation.

An expert system for non-experts

If you’re a first time user of image processing, you don’t need to be a computer expert. Comtal gives you a complete turnkey system that’s simple to use. It’s a self-contained, standalone system that combines Comtal’s renowned image processing architecture with an embedded host computer and a selection of CIPAL programs. The Vision Two also interfaces with any DEC-compatible minicomputer. The basic system includes a 150 megabyte Winchester disk for program file and image storage and a magnetic tape drive. Images may be displayed at either 512x or 1024x resolution.

An expert system for the experts

For highly complex image processing applications, the Vision Two comes with an embedded VAX 11/730 as its host. Using Fortran, you can develop your own sophisticated analysis and interpretation programs, or use existing image processing programs written in Fortran.

With expert level software support

With the Comtal Image Processing Application Library, you have a wide selection of software from specific application programs to general software routines. For example, we have developed a special version of the VICAR image processing and geographic information system with features that also make it a powerful software program for general image processing applications. And, there are our standard functions such as image subtraction, contrast enhancement, noise reduction, edge enhancement, image transformation and linear warping as well as a variety of utility routines.

The flexible, modular approach to image processing

With the Vision Two, you have your choice of four standard Comtal systems, three embedded hosts, and an array of software programs:

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Find out how image processing can be simpler and more powerful. Call or write Comtal, a subsidiary of 3M, 505 West Woodbury Road, Altadena, California 91001 (213) 797-1175.

COMTAL

See COMTAL at SIGGRAPH Booth #235

Reader Service Number 2