"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, inter-
active operation. And, in between are hard-
ware 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. Com-
tal 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 embed-
ded 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 applica-
tions, the Vision Two comes with an embed-
ded VAX 11/730 as its host. Using Fortran,
you can develop your own sophisticated
analysis and interpretation programs or use existing image processing pro-
gams 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 soft-
ware routines. For example, we have de-
veloped a special version of the VICAR image
processing and geographic information sys-
tem with features that also make it a powerful
software program for general image process-
ing applications. And, there are our standard
functions such as image subtraction, contrast
elevation, noise reduction, edge en-
ehancement, 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 embed-
ded hosts, and an array of software programs:

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<tr>
<td>Vision Ten/24</td>
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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.