IDIMS—the most powerful image processing system you can buy

IDIMS* is a complete stand-alone image processing system. Its power derives from a unique floating point array processor and minicomputer combination - giving IDIMS both tremendous speed and capacity:

- The array processor, ESL's ASAP, performs maximum likelihood classification of a four band 512 X 512 image into 50 classes in less than 260 seconds.
- The minicomputer memory is expandable to 512 kilobytes and disc storage is expandable to 1200 megabytes on a single controller.

The basic system, field proven with over 200 processing algorithms (in an expandable library), is fully interactive. The user interacts with IDIMS through a powerful command language or a menu. The menu mode allows the IDIMS analyst to select processing and display functions from lists presented at the analyst terminal. The menu hierarchy can be tailored to the processing requirements of each facility through the use of menu generating software.

The advanced IDIMS operating system concepts make it easy to add application functions. Development of new functions can occur concurrently with image processing, since IDIMS is a multiprogramming, multidisplay, and processing system.

IDIMS incorporates powerful multispectral data analysis techniques found in LARSYS, ELLTAB and ASTEP in addition to techniques used at NASA—JSC, the Remote Sensing Laboratory at U.C. Berkeley, and those developed by ESL.

For further information contact IDIMS Product Manager at ESL.

*Interactive Digital Image Manipulation System

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Reader Service Number 1