Resources Management System

Delta Data Systems, Inc. (DDS), Picayune, Mississippi is a "double-barreled" spinoff company, one formed by a group of former NASA/industry engineers to produce a line of products that evolved from a NASA-developed computer program for processing remotely sensed data.

DDS initially used NASA's ELAS (Earth Resources Laboratory Applications Software) as a "shell" for developing the company's Atlas Remote Sensing and Information System, used to process satellite and aircraft data, to digitize soil and topo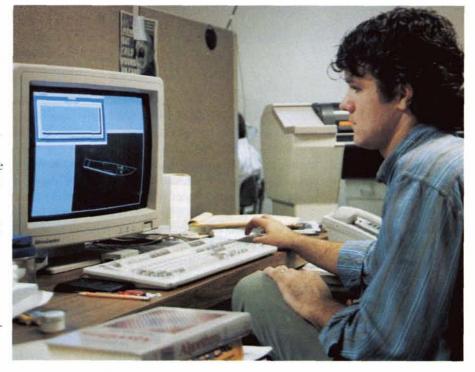graphic maps, and to generate land-use maps. DDS has built on that experience, using ELAS as the algorithmic basis for a number of product advances in the remote sensing/ GIS market.

A recent example is AGIS, a hardware/software package designed for geographic information systems (GIS) and land information systems (LIS). AGIS (Advanced Geographic Information System) offers the capability for simultaneous processing of remotely sensed data (raster) and map data (vector). The system permits operation in raster only, vector only, or raster/vector modes; *below*, DDS employee Deron Risinger is conducting an image analysis on a UNIX workstation with raster/vector simultaneous processing.

The AGIS software was designed to operate on a low cost microcomputer, states DDS sales literature, which adds that "AGIS provides a powerful set of resource management tools that puts GIS/LIS within reach of small and medium-sized operators." •