

SOFTWARE FEATURES

Complete disk based operating system (UCSD) includes:

- High level Pascal programming
- Full screen text editor for flexible program development, editing or entry of field data. Useful for drafting of reports to be stored on disk and later printed or for scanning through and editing field data read from cassette tape.
- Powerful Pascal compiler flags syntax/program errors and can automatically return to editor at correct place in program for correction/recompilation.
- Linkage editor with overlay capability and program library lookup.
- Extensive file handler for disk file creation, modification, retrieval and for transfers of text/data between I/O devices.
- Comprehensive library of utility programs to perform standard tasks.

Extensions of the UCSD system include: :

- tape reading/writing in ANSI-ECMA or NZRI standard.
- screen graphics
- plotter/digitizer operation
- smart terminal features

Software is supplied for basic use of all the peripherals. For example, one program can be run to read an ANSI-ECMA tape, store the data on disk, display it in graphical form on the console, and print its content. Full documentation is provided so that the peripherals may be used by user programs by calling sub-routines contained in the system library. Source files of the system programs which can be called by user programs are provided.