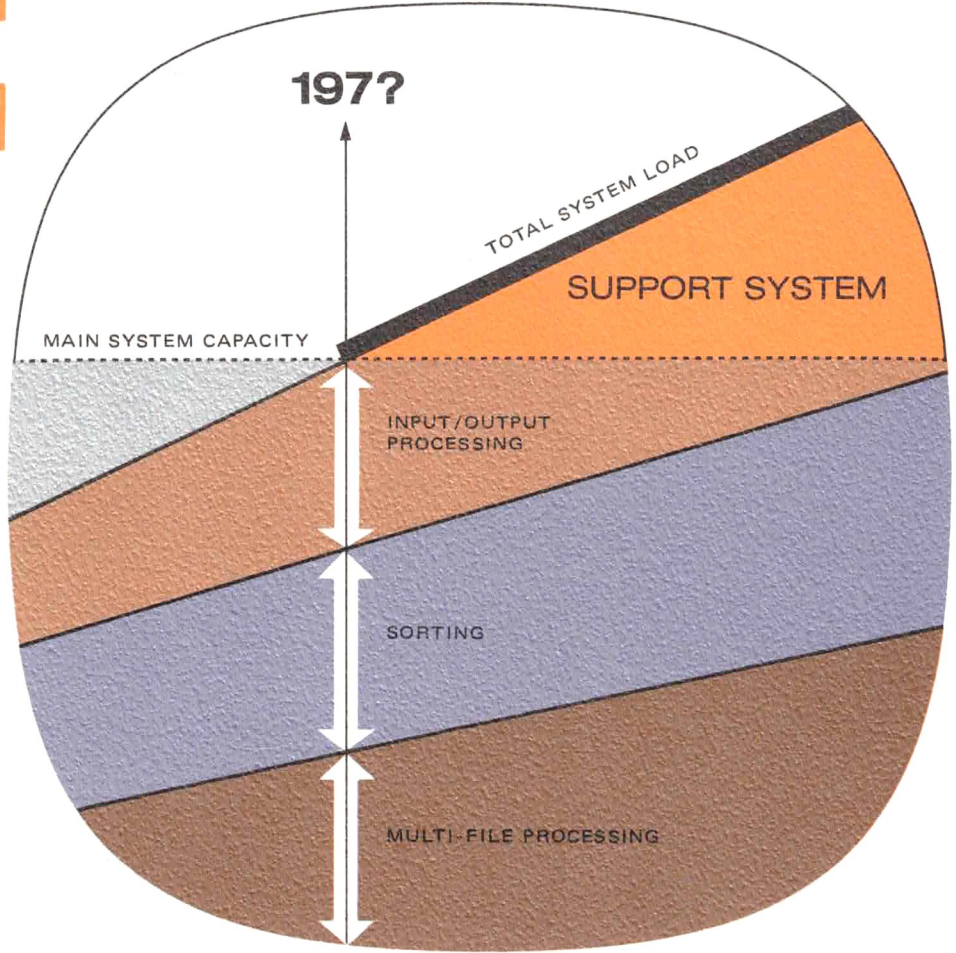




NEW



RC 3600 SUPPORT SYSTEM Tape to Print Version

- Efficient job definition system.
- Easy-to-use operating system with powerful run time options.
- Enhanced total system reliability.
- An economic means of increasing total system scope and capacity.



RC 3600 Support System

To users facing an overload on their existing main systems, the RC 3600 off-line support system provides a cheaper, simpler, and more effective solution than adding further peripherals and core to their main systems.

The RC 3600, by providing off-line operation of peripheral devices, is also a means of increasing total system reliability.

Tape to Print Version

This version of the RC 3600 support system consists of a processing unit and operator console, fast line printer, and 9 track magnetic tape unit, compatible with industry standards for recording at 800 bpi or 1600 bpi.

Apart from being able to print line-image tapes, the RC tape to print system can also accept unedited data in main system code and format. Data fields can be collected from preceding records and selected, edited, or zero suppressed to form the required lines of print. Records may be either fixed or variable length, blocked or unblocked. Multiple record types and formats can be identified and processed. The file may have either no labels or standard labels including user standard labels.

Job Definition System

The user does not have to program the RC 3600 in order to use the facilities described above. He merely defines the required processing using SSL (Support System Language) forms, which consist of File Description, Input, and Output Specifications. Users familiar with RPG will find that SSL always uses the same principles of operation wherever these are relevant, but also provides additional facilities.

Generated programs are delivered in the form of short reels of magnetic tape, ready for fast loading via the magnetic tape unit.

SSL is designed to meet all requirements normally arising in the context of an 8-bit byte oriented main system such as IBM System/360 and System/370, Siemens System 4004, Univac 9000 Series, ICL System 4, and others.

Operating System

Through the use of the console display, function buttons, and keyboard in conjunction with an operating system compiled into each program, the user has access to a comprehensive set of run time options, if he wishes to use them. Basic operation of the system is, however, extremely simple, and can be commenced by any operator after a few minutes' instruction.

Technology

Processing Unit: Implemented in MSI technology. Memory increments of 4 K 8-bit bytes.

Operator Console: Function buttons/indicators. Numeric keyboard. 16 position alphanumeric display. Audible alarm.

9 Track Magnetic Tape Unit: 800 bpi or 1600 bpi. Speed: 25 ips. Maximum reel size: 10.5 inches.

Line Printer: 64 or 96 character print drum. Speed: 1000 lpm. Columns: 132.

The RC 3600 is the result of five years' experience in the development and application of off-line support system techniques.



SCANDINAVIAN INFORMATION PROCESSING SYSTEMS

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