

NCR Century 50

NEW PRODUCT ANNOUNCEMENT

On October 14, 1971, NCR significantly enhanced the capabilities of the NCR Century 50 system by introducing a data communications facility and other new features. Here are the details.

BINARY SYNCHRONOUS COMMUNICATIONS PACKAGE: This facility equips a Century 50 to act as a remote "satellite" system capable of communicating with a central Century 200 or 300 computer via a single half-duplex or full-duplex line. Data is transmitted in binary synchronous mode at a speed of 1800 to 4800 bits per second, using ASCII code. The package includes a multiplexer, a single-line synchronous adapter, and an adapter for the 6101 Input/Output Writer, which is required for system operation in the communications mode. Supporting software will enable the Century 50 to receive data from the central Century 200 or 300 system and write it in disc storage, and to read data from disc storage or cards and transmit it to the central system. Subsequent software releases will link the Century 50 to other manufacturers' computer systems.

BASIC-I HARDWARE PACKAGE: This feature equips a Century 50 system with the minimum on-line equipment required for use of NCR's BASIC-I Programming Language. It consists of a multiplexer and a single-line asynchronous adapter. The basic feature supports one remote data terminal; additional data terminals can be supported by means of a 692-100 Asynchronous Adapter for each line.

NCR announced the BASIC-I Programming Language for use with Century 100 systems in April 1971. The package is separately priced and available in two versions, for dedicated and "dual" (shared-use) systems. The dedicated version can be used on a 16K Century 50 and accommodates up to 15 data terminals. The dual system requires a 32K Century 50, supports up to 10 data terminals, and allows concurrent background processing. The BASIC-I language is a subset that is upward-compatible with the BASIC compiler for the Century 200 and 300 computers.

COMMON TRUNK: This optional 8-position I/O channel permits connection of the following peripheral devices which were previously usable only with the larger Century Series computers:

- The 660-101 Paper Tape Reader (1500 characters/second).
- The 665-101 Paper Tape Punch (200 characters/second).
- The 622-201 Control Unit for the NCR 735 and 736 Data Recorders, which provide low-speed magnetic tape input (at up to 1500 characters/second) and output (at up to 700 characters/second). □

		<u>Purchase Price</u>	<u>Monthly Maint.</u>	<u>Rental (1-year lease)</u>
5621	Binary Synchronous Communications Package (for 615-50 Processor; also requires 6101 I/O Writer)	20,500	75	425
5622	BASIC-I Hardware Package (for 615-50 Processor)	19,500	60	400
6051	Common Trunk (for 615-50 Processor)	7,500	5	150
622-201	Control Unit for 735/736 Data Recorders	8,250	10	175
660-101	Paper Tape Reader (1500 char/sec)	14,750	30	300
665-101	Paper Tape Punch (200 char/sec)	18,000	55	375
692-100	Asynchronous Adapter	3,250	10	65
	BASIC-I Programming Language:			
	Dedicated version	9,000	—	310*
	Dual (shared-use) version	10,000	—	365*

* Monthly charge under a 3-year license.