














IBM 1401 DATA PROCESSING SYSTEMS

		1401 Processing Unit			1402 Card Read Punch	1403 Printer		729 Tape	Configurations				Used With
		Character Memory				Print Position			1402	1401	1403	729	
		1400	2000	4000		100	132						
1401 Card System	Model A	1401/A ₁	1401/A ₂	1401/A ₃	1402	1403/1	1403/2						
	Model B	1401/B ₁	1401/B ₂	1401/B ₃	1402	1403/1	1403/2						1210
1401 Tape System	Model C	1401/C ₁	1401/C ₂	1401/C ₃	1402		1403/2	729 up to 6 tapes II or IV					1210
	Model D	1401/D ₁	1401/D ₂	1401/D ₃			1403/2	729 up to 6 tapes II or IV					

IBM
1401
 DATA PROCESSING SYSTEMS

For customers using IBM 1401 Data Processing Systems, here is an advanced, easy-to-use method of testing 1401 programs on a continuous basis.

AUTO-TEST (for Automatic Testing) drastically reduces the time required to test new or revised programs on customer installed 1401's or those available at IBM Test Centers and Datacenters.

For Management, the unique capabilities of AUTO-TEST will:

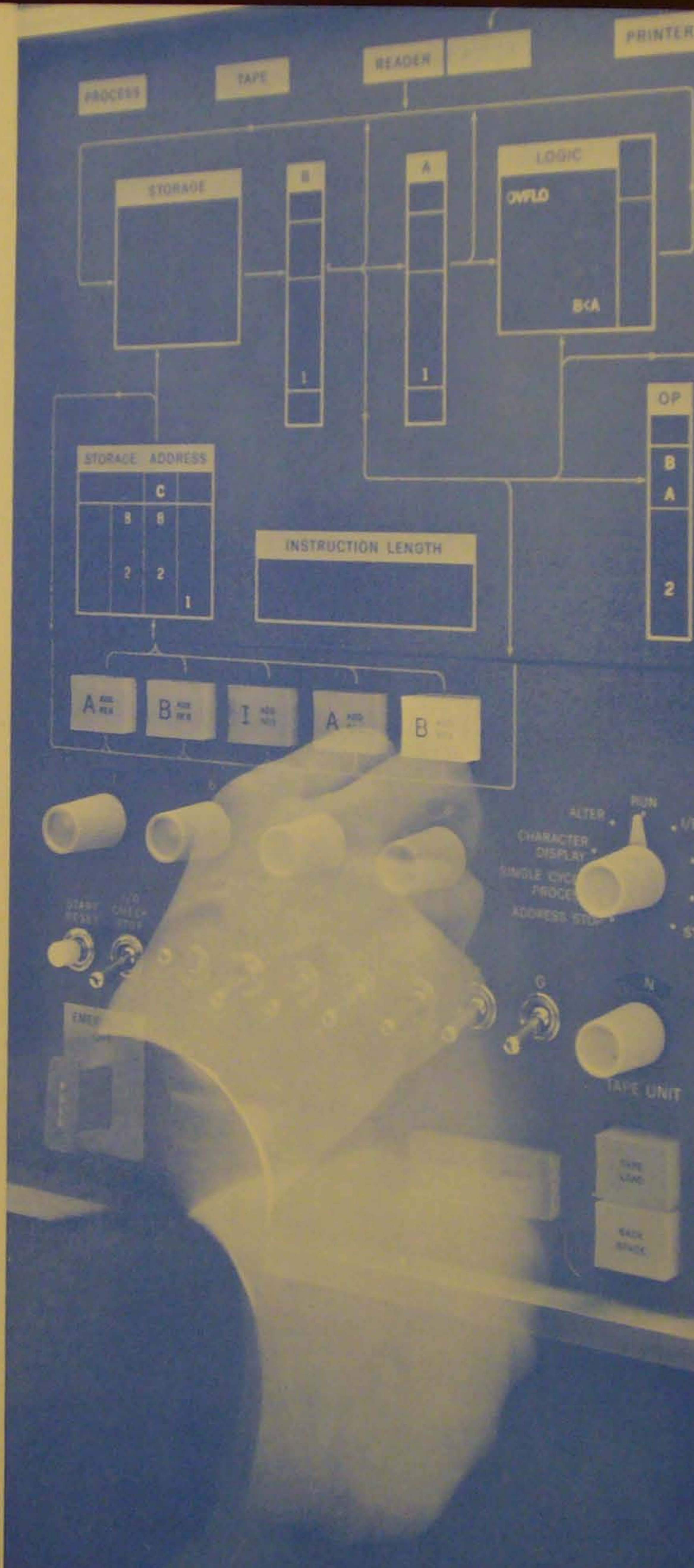
- provide maximum use of 1401 processing time
- increase overall program testing efficiency
- reduce costs of required program tests

How?

Because AUTO-TEST can insert, automatically, necessary corrections to programs, eliminate program modification prior to each test session and provide complete test documentation for program evaluation. It requires minimum manual intervention by the programmer once the program is started. AUTO-TEST can be learned and applied by any 1401 programmer in just a few hours.

What will AUTO-TEST mean to programmers?

Programmers are relieved of much of the routine, time-consuming testing functions. They can concentrate more fully on program development and application results.



AUTO-TEST has minimum requirements

Testing can be performed on 1401 Tape or Tape/RAMAC Systems that meet these basic requirements:

- 4,000 positions of core storage
- An IBM Magnetic Tape Unit
- An IBM 1402 Card Read Punch
- An IBM 1403 Printer
- High-Low-Equal Compare

Some of the outstanding features of AUTO-TEST are:

- Tape File Generation
- RAMAC® File Generation
- RAMAC File Trace Routine
- Automatic Patching of Program Addresses
- Tape Print-Out
- Core Storage Print-Out

IBM Programming Services include:


Programmed Applications Library

Pre-tested computer programs designed to handle various major data processing functions common to firms within a specific industry.

Programming Systems Support

To keep customers up-to-date on the availability and use of all new programming systems.

To assist the IBM programming staff in reflecting customer requirements in the specification of new programming systems.



Other services available to every IBM customer:

Program Library

A library of 1401 programs has been established to aid all 1401 customers in solving specific applications, scientific as well as commercial. These will include programs written by customers and programs written by IBM.

Schools and Seminars

Executive schools for management personnel.
Programming schools for methods personnel.
Industry seminars where customers meet to discuss subjects of common interest.

Branch Offices

193 branch offices serve customer needs promptly and efficiently.

Sales and Systems Representatives

Experienced, highly trained individuals work with customers in applying IBM methods to their requirements. These are just a few of the many IBM services. Your IBM Sales Representative will be pleased to discuss all of them with you.

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AUTO-TEST for IBM 1401 Programs