



I.C.T 1900 SERIES

DATA EXCHANGE CONTROL 1995

DESCRIPTION

The 1995 Data Exchange Control enables a Central Processor to communicate directly with another Processor. The unit is housed in one of the Central Processors and is connected to a Standard Interface channel in the other processor. Either processor may initiate data transfers, but data can be transferred in only one direction at a time.

Data Exchange can be between two processors in the 1900 series or between a 1900 systems centre and on I.C.T 1004.

Data exchange greatly increases the high speed storage capacities available to a particular program. The degree of peripheral flexibility is also increased by permitting the sharing of peripherals; in addition, one central processor can be made available to control the input/output devices and marshal data, while the second processor performs the necessary computing operations. The latter system is particularly advantageous in communications work when a 1992 Communications Multiplexor is being used.

- Data transfers between all 1900 series processors and/or 1004
- Transfer rates up to 160,000 characters a second

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Transfer rates

The data transfer rate is up to 100,000 characters a second with the slower processors in the range (1902 and 1909) and up to 160,000 a second between two of the faster processors, 1906 and 1907.

This specification is subject to modification

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