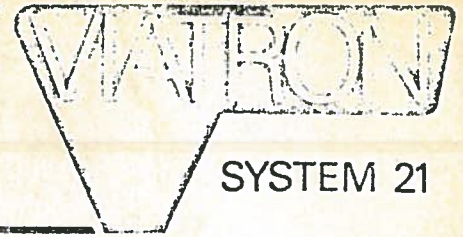


VIAGRAM

Information Note



Subject: Program Control in the Model 2101
Microprocessor

No: 6

Date: February 3, 1970

The Model 2101 Microprocessor was designed primarily for data entry applications; accordingly, the microprogrammed hardware reflects this orientation. Although data input/output can be performed with the 2101 under program control, file updating is accomplished more conveniently with the 2111 Microprocessor, which was designed specifically for batch processing.

The 2101 can be used to update records, but doing so requires additional operator steps. For example, if program control is on at the beginning of either a manual or automatic input operation, the 2101 Microprocessor turns program control off at the completion of the input operation. Consequently, the CONTROL ON light on the *microprocessor* indicator panel goes out. To again place the microprocessor under program control, the operator must press the CONTROL ON/OFF key *twice* — once to turn off the CONTROL ON light on the *operator* indicator panel, and once to turn on the CONTROL ON lights on *both* the *microprocessor* and the *operator* indicator panels.

When updating records with the 2111 Microprocessor, however, the system remains under program control after an input operation, thus requiring no additional operator action.