

INTERDEPARTMENTAL

MASSACHUSETTS INSTITUTE OF TECHNOLOGY CAMBRIDGE, MASS. 02139

from the office of Telecommunications

March 6, 1970

To: R. Scott

Subject: MIT - Data Switch

Sometime ago I explored with the telephone company a number of ways to improve the method by which a terminal user gains access to ports into the MIT time sharing systems via the MIT data switch. One method was to provide level hunting connectors which would allow a user to gain access to all ports in lieu of only those that are currently associated with his terminal group (i.e., 11xx, 12xx, etc. group). The telephone company indicates that the cost of such an arrangement would be \$1,752 monthly (\$21,024 annually), and \$3,650 to install. In addition, the delivery interval would be at least 12 months from receipt of order. Other arrangements would take equally as long to receive, with their costs being equally as much.

Based on this information, I don't think it advisable to alter the present data switch as it will be replaced in 1972. I do think it necessary, however, to have the telephone company continually update its grading on the ports to assure maximum utilization. This is now being done by information being provided to this office by J. Saltzer and others.

Should you wish to discuss this further, please advise.

  
M. Berlan

xc: J. Licklider  
M. Jones  
W. Burner  
J. Saltzer ✓  
J. Ward

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Daley  
O.K.

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