

To: Distribution  
From: Bill Silver  
Date: May 16, 1975  
Subject: Installation of the Resource Control Package

### INTRODUCTION

This MTR describes a plan for installing the Resource Control Package (RCP). Since the programs that are involved with RCP reside both on the Multics System Tape and in the online libraries a multi-phase installation is required. Below is a list of these phases. Given with each phase is the date on which the programs involved with that phase are to be submitted for installation at MIT.

1. (05/12/75 - FW 20) All online tape I/O modules and other tape utilities that had to be changed for the new `tdcm_` used by RCP.
2. (06/02/75 - FW 23) A dummy version of RCP. This will include the new `tdcm_`. All RCP gate entries will be available. Those RCP entry points needed to attach and use an I/O device via IOI and those RCP entry points called by the answering service will be fully functional. Those RCP entry points that deal strictly with the assignment of devices will not be operational during this phase. The existing interface to IOI via the `ioi_` and `pioi_` gates will remain operational during this phase.
3. (06/16/75 - FW 25) This phase consists of all of the online programs that will call RCP. This involves several areas:
  - a) answering service
  - b) RCP commands
  - c) printer, punch, and reader I/O modules
  - d) Online T & D programs
  - e) All other user ring programs that deal with IOI
  - f) ACS segments in `>system_control_1>rcp`
4. (07/07/75 - FW 28) The real RCP. The entry points that deal with device assignment will be operational. All access to IOI for the purpose of attaching or detaching a device must be made via RCP. The gate `pioi_` will be deleted.
5. (Not known yet) Clean up any online programs that needed temporary code in order to exist with the dummy RCP.

GROUP                      Multics Development Group                      DATE 05/16/75                      PAGE 1 / 1

PROJECT                      Resource Control Package                      AREA                      Installation of RCP                     

TASK DESCRIPTION	PERSONNEL	START	FINISH	M-W	CHANGES-STATUS
Code dummy RCP	WSS	04/21/75 FW 17	05/05/75 FW 19	1	Completed
Convert tape I/O modules for new tdc <sub>m</sub>	WSS	04/28/75 FW 18	05/05/75 FW 19	1	Completed
Test tape I/O modules	WSS	05/05/75 FW 19	05/12/75 FW 20	1	Completed
Test dummy RCP	WSS	05/12/75 FW 20	06/02/75 FW 23	3	Started
Convert and test printer, punch, reader I/O modules	NIM	06/02/75 FW 23	06/16/75 FW 25	1	
Make IOI changes for RCP	NIM	06/02/75 FW 23	06/16/75 FW 25	1	
Convert CISL T&D programs for RCP	LEJ	06/02/75 FW 23	06/16/75 FW 25	1	
Test answering service for RCP	WSS	06/02/75 FW 23	06/09/75 FW 24	1	
Test RCP commands	WSS	06/09/75 FW 24	06/16/75 FW 25	1	
Test real RCP	WSS, NIM	06/16/75 FW 25	07/07/75 FW 28	3	