Read This First

RSTS/E V8.0
Documentation Notes

Order Number: AV–M895C–TC

RSTS/E Version 8.0 is a major documentation and software release. New manuals have been written, the *RSTS/E System Generation Manual* has been completely rewritten, and substantial revisions have been made to other manuals in the documentation set. Revised manuals contain a Summary of Technical Changes page that fully describes the changes made. Software changes are listed in the *RSTS/E V8.0 Release Notes*.

As a RSTS/E customer, you receive documentation in one of two ways, depending on how you purchased your kit:

- If you are purchasing RSTS/E for the first time or are upgrading to the latest version, you receive a full documentation kit. This kit contains a complete manual set and is fully assembled in binders.

- If you have recently purchased RSTS/E and are under warranty, or if you are already a RSTS/E customer and have purchased a Software Product Service contract, you receive a W kit that contains changes or additions to the documentation and software.

These notes briefly describe the documentation changes for Version 8.0 and, if you receive a W kit, how to merge that documentation with the existing document set.

RSTS/E Quick Reference Guide

The Quick Reference Guide is a 7 by 9 inch binder that summarizes general system information (such as file specifications and device names), DCL commands and qualifiers, system utility programs, and RMS utility programs. The binder is designed to be portable and easy to update.

Replace the *RSTS/E Pocket Guide* (AV–5126A–TC) with the *RSTS/E Quick Reference Guide* (AV–N996A–TC). Note that the Quick Reference Guide material and the 7 by 9 binder are separately orderable items. When you first receive your kit, the binder and Reference Guide are assembled. However, to order additional copies, you must specify both the Guide (AV–N996A–TC) and the binder (AV–N018A–TK).

RSTS/E Documentation Directory

The Documentation Directory lists all of the manuals in the RSTS/E documentation set. It briefly describes the content and recommended use of each manual and provides ordering information. For Version 8.0, information is added for RSTS/E layered product documentation.

Replace the current *RSTS/E Documentation Directory* (AA–2642E–TC) with the revised version (AA–2642F–TC).

RSTS/E V8.0 Maintenance Notebook

The revised Maintenance Notebook contains optional updates (patches) for RSTS/E features.

Replace the current *RSTS/E V7.2 Maintenance Notebook* (AA–L997B–TC) with the revised version of the manual (AA–L997C–TC).

RSTS/E V8.0 Release Notes

This revised manual contains information on new Version 8.0 software features and explains the differences between Version 8.0 and previous releases of RSTS/E.

Replace the current *RSTS/E V7.2 Release Notes* (AA–5246E–TC) with the revised version of the manual (AA–5246F–TC).

RSTS/E System Generation Manual

The System Generation Manual is completely rewritten and provides a task-oriented, step-by-step approach to generating your RSTS/E system. The manual divides the system generation process into sequential phases, consisting of one or more system generation tasks. Where tasks require you to answer dialogue questions, the manual provides explanations and suggested responses.

Replace the current *RSTS/E System Generation Manual* (AA–2669F–TC) with the new manual (AA–2669G–TC).

RSTS/E System Manager's Guide

The revised Manager's Guide describes the privileged operation and management of RSTS/E. The manual contains new information on privileged DCL commands for device handling and for using the small spooler. It also describes procedures for updating RSTS/E software.

Replace the current *RSTS/E System Manager's Guide* (AA–2762D–TC) with the revised version of the manual (AA–2762E–TC).

RSTS/E DCL User's Guide

The revised DCL User's Guide describes the use of DCL commands for nonprivileged users. New information is added for the large and small spoolers, enhancements to the LINK and MOUNT commands, and additions caused by new versions of BASIC–PLUS–2 and COBOL–81.

Replace the current version of the *RSTS/E DCL User's Guide* (AA–L426A–TC) with the revised version of the manual (AA–L426B–TC).

RSTS/E Task Builder Reference Manual

The Task Builder Manual is revised to add information on expanded use of clustered resident libraries. Changes have also been made because of a new version of BASIC–PLUS–2.

Replace the current version of the *RSTS/E Task Builder Reference Manual* (AA–5072B–TC and its update, AD–5072B–T1) with the revised version of the manual (AA–5072C–TC).

RSTS/E Programming Manual
RSTS/E System Directives Manual

These manuals are companion books. The Programming Manual contains information on device-dependent features and system function calls. The Directives Manual describes RSTS/E run-time systems and monitor and emulator directives. Both manuals are revised for changes and additions to system calls and directives, device changes, and corrections.

Replace the current *RSTS/E Programming Manual* (AA–2726D–TC) with the revised version (AA–2726E–TC). Replace the current *RSTS/E System Directives Manual* (AA–D748B–TC) with the revised version (AA–D748C–TC).

RSTS/E RMS–11: An Introduction
RSTS/E RMS–11 User's Guide
RSTS/E RMS–11 Utilities
RSTS/E RMS–11 MACRO Programmer's Guide

The RSTS/E RMS–11 manuals are completely reorganized and rewritten for RMS–11 Version 2.0. The Introduction describes the major concepts of RMS–11 and provides the background information first-time users need. The User's Guide provides details on data organization, file organization, and program optimization and is particularly useful for people programming applications that use RMS. The Utilities manual is a reference to the interactive RMS utilities that you use to define, manipulate, and maintain RMS files. Finally, the MACRO Programmer's Guide describes how to access and use RMS functions in MACRO programs.

RSTS/E RMS–11 Utilities (AA–P509A–TC) and *RSTS/E RMS–11: An Introduction* (AA–P508A–TC) are new manuals. The *RSTS/E RMS–11 User's Guide* (AA–P510A–TC) replaces the current *RMS User's Guide* (AA–D538A–TC). The *RSTS/E RMS–11 MACRO Programmer's Guide* (AA–P507A–TC) replaces the *RMS MACRO Programmer's Reference Manual* (AA–H683A–TC).

Documentation kit changes for Version 8.0 include:

The organization of manuals in the Version 8.0 binders is changed to reduce the number of binders. A new spine and divider set (AV–D072E–TC) replaces the existing spine and divider set (AV–D072D–TC) and is included in the full documentation kit (QR430–GZ) and the W kits. The documentation subkits are also reorganized. The Manager's Kit (QR432–GZ) and User Kit (QR433–GZ) are updated for the new manuals. The System Programmer's Kit (QR426–GZ) is enlarged to contain all of the documents needed by MACRO and high–level language programmers who use RSTS/E utilities for system programming. The System Programmer's Kit now replaces the BASIC–PLUS Programming Kit (QR427–GZ) and the MACRO Programming Kit (QR428–GZ).

Micro RSTS Application Developer's Guide

Micro RSTS is not a separately orderable software product. Instead, it is a defined subset of RSTS/E designed especially for the MICRO/PDP–11 hardware. You build this subset from your RSTS/E Version 8.0 software. The *Micro RSTS Application Developer's Guide* describes this software subset and the procedures that application programmers and OEMs should use to transfer the software subset from a RSTS/E system to the MICRO/PDP–11. The manual should save a significant amount of programmer time in creation of micro-RSTS applications.

Topics covered in this manual include:

- The MICRO/PDP–11 hardware, including descriptions of hardware components and configurations.

- The defined RSTS/E subset, including descriptions of all the software components (monitor, command language, utilities, run-time systems, and libraries).

- Considerations for designing applications to run on micro RSTS, including size constraints, choice of run-time system, user interface, management tasks, and documentation.

- Procedures for creating the foundation system, tuning and modifying the system, and distributing it.

- Installation certification procedures.

This manual is available in its own documentation kit. You can order it by manual number (AA–P421A–TC) or by kit number (QR421–GZ). It is not shipped as part of the RSTS/E documentation set.

You should now have a complete RSTS/E Version 8.0 document set. If you do not have a manual listed in this document as part of the Version 8.0 set, contact your local DIGITAL office. If you do not have a manual listed as part of the document set in the *RSTS/E Documentation Directory*, you can order the manual in one of the following ways:

HOW TO ORDER ADDITIONAL DOCUMENTATION

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In Continental USA
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call **800–258–1710**

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call **800–267–6146**

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call **603–884–6660**

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