AT&T Documentation Guide

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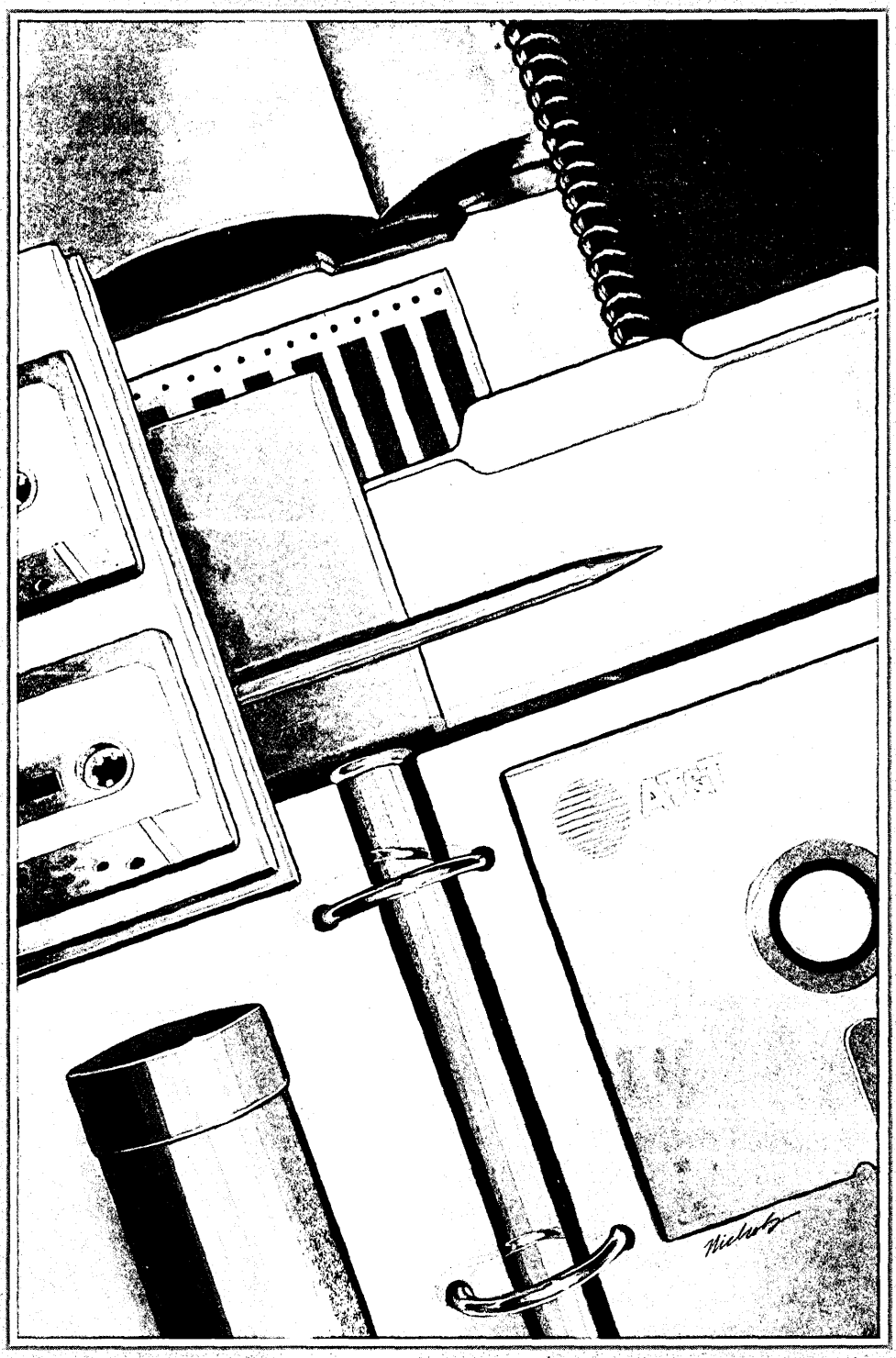

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Ordering Procedures

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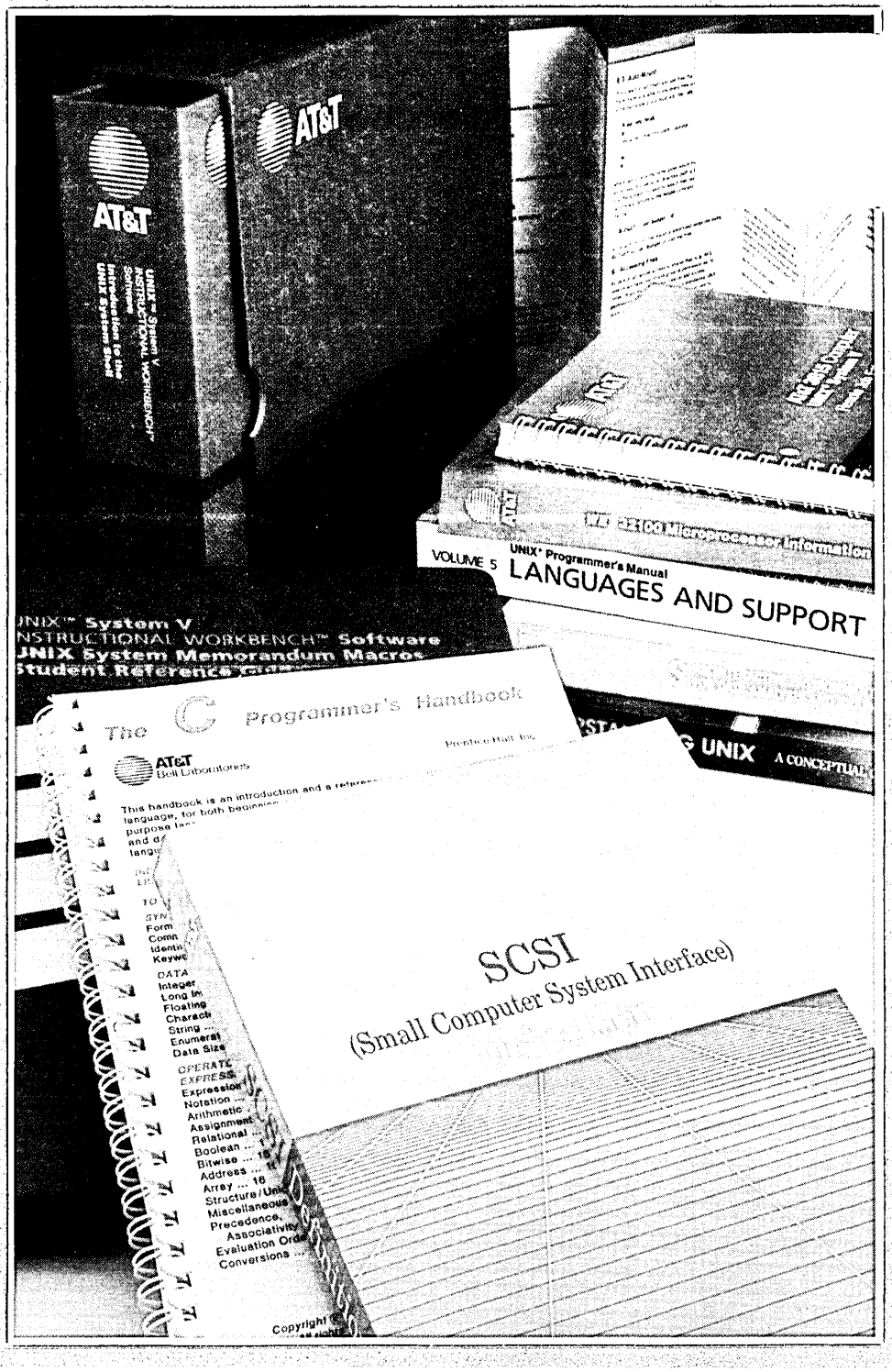

GENERAL UNIX® DOCUMENTS

UNDERSTANDING UNIX® - A CONCEPTUAL GUIDE

This guide, written by Groff and Weinberg, offers an overall perspective on UNIX® including where it fits in computing, business and education. It also includes a description of significant features and benefits along with a comparison between UNIX® and other popular operating systems. *233 pgs.*
307-132 **$26.95**

THE DESIGN OF THE UNIX® OPERATING SYSTEM

Author Maurice J. Bach describes the internal algorithms and structures that form the basis of the operating system (kernel) and their relationship to the programmer interface. It is applicable to several environments. The sections include a general overview of the system, an introduction to the kernel, the buffer cache, internal representation of files, system calls for the file system, the structure of processes, process control, process scheduling and time, memory management policies, the I/O subsystem, interprocess communication, multiprocessor systems, and distributed UNIX® Systems. *544 pgs.*
320-044 **$37.95**

UNIX® SYSTEM V INTERFACE DEFINITION - VOLUME 1

This latest edition provides the most up to date source code interfaces and run-time behavior of the operating system components. This volume includes the Base System and kernel extension. The Base System Definition specifies the components that all System V operating systems must provide. It includes an overview and detailed definitions of each component in the Base System. The emphasis is on defining a common computing environment for application programs and end-users; not on the internals of the operating system, such as the scheduler or memory manager. *320 pgs.*
320-011 **$37.00**

UNIX® SYSTEM V INTERFACE DEFINITION - VOLUME 2

An application program using only components defined in the System V Interface Definition will be compatible with and portable to any computer that supports the System V Interface. This volume includes basic utilities, software development, terminal interface, and administered system extensions. *463 pgs.*
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UNIX® SYSTEM V INTERFACE DEFINITION - VOLUME 3

This volume of the System V Interface Definition corresponds functionality in Release 1.0, Release 2.0, and Release 3.0. It includes a base system definition addendum, a terminal interface extension definition, and a network services extension definition. *378 pgs.*
320-013 **$37.00**

UNIX® SYSTEM V SOFTWARE DESCRIPTION

This document describes the UNIX® System software. It is described both functionally (how the user sees it) and specifically (the implementation mechanism used). *62 pgs.*
307-265 **$20.00**

THE UNIX® QUICK REFERENCE GUIDE

This "how to" quick guide explains logging in, using basic shell commands, and creating, editing, and using files with the editor. *27 pgs.*
307-129 **$5.00**

THE UNIX® SYSTEM USER'S HANDBOOK

Written by Morris Bolsky, this handbook is a basic guide to the UNIX® System. It explains how to log in, how to use basic shell commands, and how to create, edit, and use files with the ed editor. Several tables explain shell and ed special characters. Many examples illustrate the commands and special characters. *98 pgs.*
320-042 **$16.95**

THE UNIX® SYSTEM USER'S MANUAL

This book addresses itself to the needs of all users of UNIX® System V, but especially to those of application developers building C language application programs whose source code must be portable from one UNIX® System V environment to another. *637 pgs.*
320-041 **$40.00**

THE UNIX® PROGRAMMING ENVIRONMENT

This document by Kernighan and Pike communicates the UNIX® programming philosophy. How to use the programs that start the user programming immediately and how the programs fit into the environment are explained. This is essential reading for the beginner or experienced programmer. *357 pgs.*
311-026 **$27.60**

WRITING EFFICIENT PROGRAMS

Author Jon Bentley addresses a problem often crucial to the usefulness of a software system: efficiency. He describes and illustrates a set of general rules to achieve efficiency. *105 pgs.*
320-004 **$21.95**

UNIX® SYSTEM PROGRAMMER'S MANUAL VOLUME 1 - COMMANDS AND UTILITIES

This book contains the command and application programs that can be invoked directly by the user or by command language procedure. It describes the purpose and use of the UNIX® System commands, warns of potential problems, gives examples, and tells where to find related information. *524 pgs.*
320-031 **$32.95**

UNIX® SYSTEM PROGRAMMER'S MANUAL VOLUME 2 - SYSTEM CALLS AND LIBRARY ROUTINES

This book describes the programming features of the UNIX® System. Included are descriptions of system calls, subroutines, libraries, file formats, macro packages, and character set tables. *465 pgs.*
320-032 **$32.95**

UNIX® SYSTEM PROGRAMMER'S MANUAL VOLUME 3 - SYSTEM ADMINISTRATION FACILITIES

This book contains the commands used by UNIX® System administrators. It describes system maintenance commands and application programs, special files, and system maintenance procedures. *142 pgs.*
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UNIX® SYSTEM PROGRAMMER'S MANUAL VOLUME 4 - DOCUMENTATION PREPARATION FACILITIES

This book describes and explains the commands and macros needed to input and format a document. It provides examples of advanced UNIX® System editing commands and the stream editor (*sed*), a non-interactive content editor. Also described are the text processors used to format text, *nroff* and *troff*, and the preprocessors, *tbl* and *eqn* used to prepare tables and typeset mathematics. *355 pgs.*
320-034 **$32.95**

UNIX® SYSTEM PROGRAMMER'S MANUAL VOLUME 5 - LANGUAGES AND SUPPORT TOOLS

This book describes languages and software tools that aid the UNIX® System user. There is detailed information on the uses of languages and programming support tools: Fortran and C programming languages, *make*, SCCS, M4 Macro Processor, *awk*, Link Editor, Common Object File Format, Arbitrary Precision Desk Calculator Language, Interactive Desk Calculator, Lexical Analyzer Generator, *yacc*, RJE, and UUCP. *618 pgs.*

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UNIX® SYSTEM V PROGRAMMER'S GUIDE

This volume describes two programming languages supported on the UNIX® System. The two languages are C Language and Fortran. *350 pgs.*

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REMOTE FILE SHARING (RFS)

This guide allows the user to understand key factors that affect performance under RFS, types of applications likely to perform well, how to configure systems and applications for good performance, and how to use system tools to diagnose and tune performance. *8 pgs.*

305-396 **$2.50**

UNIX® SYSTEM V VISUAL EDITOR QUICK REFERENCE GUIDE

This guide offers the user a convenient reference to the commands needed for the full screen capabilities of the visual (*vi*) editor. *22 pgs.*

307-262 **$5.00**

THE VI USER'S HANDBOOK

This document is an introduction and a reference to the *vi* (visual) text editor for beginners and experienced users. *66 pgs.*

307-138 **$18.95**

DOCUMENT FORMATTING AND TYPESETTING ON THE UNIX® SYSTEM

Written by Narain Gehani, this comprehensive book introduces the novice to the UNIX® System formatting facilities (Documenter's Workbench™ Software) and provides the more experienced reader with the advanced aspects. One chapter each is devoted to *mm* macros for specifying document format, and the tools for specifying tables (*tbl*), figures (*pic*) and equations (*eqn*). Other chapters summarize *troff*, the UNIX® System formatter, and Writer's Workbench™ Software. Finally, the book contains several templates for preparing a variety of documents, descriptions of the UNIX® System typesetting commands, a glossary and an annotated bibliography. *364 pgs.*

320-065 **$45.00**

UNIX® SYSTEM V BASIC NETWORKING UTILITIES

This document provides information for the administration, installation, troubleshooting, and use of the Basic Networking Utilities (BNU) package. It includes the *uucp*, *ct*, and *cu* commands. *125 pgs.*

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UNIX® SYSTEM V VERIFICATION SUITE USER'S GUIDE

This guide provides necessary information for the user of the System V Verification Suite. It includes instructions on installing, testing, interfacing, and generating a report as well as command information, a glossary, sections on SVVS commands and other information. *40 pgs.*

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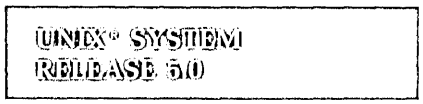


UNIX® SYSTEM RELEASE 5.0 USER'S MANUAL

This manual describes the features of UNIX®. It is divided into six sections: commands and application programs, system calls, subroutines, file formats, miscellaneous facilities, and games. *500 pgs.*

301-925 **$35.00**

UNIX® SYSTEM RELEASE 5.0 ADMINISTRATOR'S GUIDE

This document is a reference volume for UNIX® System administrators. It should be used as a supplement to the information in the UNIX® System User's Manual (301-925) and the UNIX® System Administrator's Manual (301-926). *198 pgs.*

301-931 **$25.00**

UNIX® SYSTEM RELEASE 5.0 ADMINISTRATOR'S MANUAL

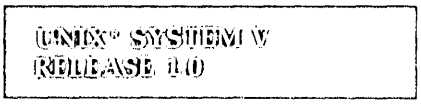
This manual is a supplement to the information contained in the UNIX® System User's Manual (301-925) and provides an easy reference volume for those who must administer a UNIX® System. It is divided into three sections: system maintenance commands and application programs, special files, and system maintenance procedures. *150 pgs.*

301-926 **$20.00**

UNIX® SYSTEM RELEASE 5.0 ERROR MESSAGE MANUAL

This manual provides a description of all UNIX® System Release 5.0 error messages with appropriate actions and references for each. *224 pgs.*

301-922 **$15.00**



UNIX® SYSTEM V RELEASE 1.0 TRANSITION AIDS

This document describes differences between UNIX® System software since 111. These modifications and enhancements are in archive format, user level languages, and file system format. Information necessary for transition from UNIX® System 111 to UNIX® System V Release 1.0 only, is included. *56 pgs.*

301-908 **$10.00**

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This guide contains descriptive and procedural information on UNIX® System usage. Sections included are a primer, basics for beginners, tutorial-text editor, introduction to shell, Remote Job Entry User's Guide, and Source Code Control System User's Guide. It is for first time users who need a basic review. *118 pgs.*
301-921 **$15.00**

UNIX® SYSTEM V RELEASE 1.0 USER'S MANUAL

This manual lists and describes commands, system calls, sub-routines, application programs, file formats, miscellaneous facilities and games. It also contains information needed by a typical UNIX® System user. It assumes some familiarity with the UNIX® System shell command structure. *744 pgs.*
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UNIX® SYSTEM V RELEASE 1.0 PROGRAMMING GUIDE

This guide describes three programming languages supported by the UNIX® System: Shell, C Language, and Fortran. *166 pgs.*
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UNIX® SYSTEM V RELEASE 1.0 ADMINISTRATOR'S GUIDE

This guide is a reference volume for those who administer a UNIX® System. The guide should be used to supplement the information contained in the UNIX® System User's Manual (301-905) and the UNIX® System Administrator's Manual (301-906). Sections included are: administrative advice, set-up procedures, auto call facility installation, accounting, file system checking, LP spooling system, remote job entry and system activity package. *185 pgs.*
301-939 **$20.00**

UNIX® SYSTEM V RELEASE 1.0 OPERATOR'S GUIDE

This descriptive and procedural information is needed to keep the UNIX® System functioning properly. It contains hardware and software operations (initialization and bootstrapping), process operations, and file system procedures. *32 pgs.*
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UNIX® SYSTEM V RELEASE 1.0 ADMINISTRATOR'S MANUAL

This manual contains reference information for those who administer a UNIX® System. It includes system maintenance commands, application programs, special files and driver information, facility descriptions and system maintenance procedures. This manual complements the information in the UNIX® System User's Manual (301-905) and is specific to the administrator's task. *256 pgs.*
301-906 **$20.00**

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This manual contains descriptions and a list of error messages that report error conditions detected by the UNIX® System. This information will aid the user in understanding the meaning of the error message and provide guidance for corrective action. *250 pgs.*
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This guide provides methods for generating and formatting text files that produce formatted documents. It also describes document preparation (advance editing and stream editing), formatting facilities (*nroff* and *troff* User's Manual, Table Formatting Program, Mathematics Typesetting Program), memorandum macros, viewgraphs and slides macros. *258 pgs.*
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UNIX® SYSTEM V RELEASE 1.0 SUPPORT TOOLS GUIDE

This guide contains a description of the software "tools" that will aid the UNIX® System user in software development and in small database management. Information is included on the following software tools: maintaining computer programs (*make*), source code control system (SCCS), macro processor, desk calculator languages (*bc* and *dc*), lexical analyzer operator (*lex*), the *awk* language, and yet another compiler (*yacc*). *168 pgs.*
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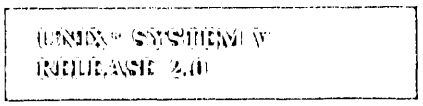

UNIX® SYSTEM V RELEASE 2.0 SYSTEM RELEASE DESCRIPTION

This document describes new facilities and transitional information for this release. The document contains a list of the new features along with improvements and transition information from UNIX® System V Release 1.0 to UNIX® System V Release 2.0. *56 pgs.*
307-006 **$25.00**

UNIX® SYSTEM V RELEASE 2.0 SYSTEM RELEASE DESCRIPTION INTERNATIONAL VERSION

This document is a supplement to the original system release description (307-006) and describes only the changed features of the international version. It provides release and documentation changes as well as the substitute manual pages. *21 pgs.*
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This document describes the UNIX® System and its features. Document sections describe the kernel, file system, input/output system and shell. *33 pgs.*
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UNIX® SYSTEM V RELEASE 2.0 DOCUMENTATION DIRECTORY

This is a guide to the UNIX® System documentation. It is meant to guide the user through the documents delivered with the UNIX® System software, and it directs the user to optional documentation. It also contains a subject-document cross reference. *30 pgs.*
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This pocket reference card contains a brief description of common commands. *42 pgs.*
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UNIX® SYSTEM V RELEASE 2.0 EDITING GUIDE

This guide contains introductory and advanced information for the editing programs available with the UNIX® System. It contains text editor (*ed*) - basic and advanced, visual editor (*vi*) - basic and advanced, line oriented editor (*ex*), stream editor (*sed*), big file scanner (*bfs*), and editing support.

365 pgs.

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This product overview describes Basic Networking Utilities and its features.

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UNIX® SYSTEM V RELEASE 2.0 VIRTUAL PROTOCOL MACHINE REFERENCE GUIDE

This document describes the Virtual Protocol Machine (VPM) software and provides a tutorial and reference for understanding and using VPM. Among topics discussed are a historical perspective, examples of established communications facilities, synchronous communication architecture, and implementation on DEC™ processors. *82 pgs.*

307-128 **$40.00**

THE UNIX® SYSTEM USER'S GUIDE

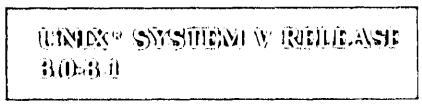
This guide is written to help the user understand how the UNIX® System works and what it can do. It introduces the UNIX® System V Release 2. It is organized into three major parts: UNIX® System overview, UNIX® System tutorials, and supplementary information and reference tools. *409 pgs.*

320-043 **$26.95**

UNIX® SYSTEM V RELEASE 2.0 GRAPHICS GUIDE

This guide is designed for individuals experienced in using the UNIX® System. The guide provides the numerical and graphical commands used to construct and edit numerical data plots and hierarchy charts. *65 pgs.*

307-259 **$30.00**



UNIX® SYSTEM V RELEASE 3.0 USER'S GUIDE

The guide begins with a general description of the UNIX® System and instructions for using a terminal and the file system. It also presents tutorials on the line editor (*ed*), screen editor (*vi*), and shell programming (*sh*). Finally, the guide teaches how to communicate with other users. *500 pgs.*

307-231 **$35.00**

UNIX® SYSTEM V RELEASE 3.0 USER'S REFERENCE MANUAL

This manual describes the purpose and use of all the UNIX® System user commands. Includes an addendum.

430 pgs.

307-232 **$40.00**

UNIX® SYSTEM V RELEASE 3.0 PROGRAMMER'S GUIDE

This two-part document describes the UNIX® System programming environment and provides detailed descriptions or tutorials on 14 programming tools. Part One discusses the programming environment as it appears to programmers. Part Two contains detailed definitions of UNIX® System tools. *300 pgs.*

307-225 **$50.00**

UNIX® SYSTEM V RELEASE 3.0 PROGRAMMER'S REFERENCE MANUAL

This manual describes the programming features of UNIX® System V and contains descriptions of UNIX® System tools. Includes an addendum.

592 pgs.

307-226 **$55.00**

UNIX® SYSTEM V RELEASE 3.0 ADVANCED PROGRAMMING UTILITIES RELEASE NOTES

This document provides installation, upgrade, and compatibility information as well as document descriptions for APU Issue 1.0. *12 pgs.*

307-184 **$5.00**

UNIX® SYSTEM V RELEASE 3.0 NETWORK PROGRAMMER'S GUIDE

This guide provides an introduction and overview of the AT&T Transport Interface and its capabilities and applications. Included are the goals of the transport interface with a discussion of OSI, transport protocols, and STREAMS. An explanation of the transport interface routines in the Network Services Library is included as well as several illustrated examples describing key areas of developing applications that interface to transport protocols. *350 pgs.*

307-230 **$30.00**

UNIX® SYSTEM V RELEASE 3.0 STREAMS PRIMER

The STREAMS Primer provides a high level technical overview of STREAMS. Topics covered include a summary of the STREAMS mechanism, a description of the applications and benefits, and illustrations and definitions of terminology. It also includes a discussion of the facilities provided by STREAMS and a comparison of design features of character input/output device drivers. *48 pgs.*

307-229 **$5.00**

UNIX® SYSTEM V RELEASE 3.0 STREAMS PROGRAMMER'S GUIDE

This guide is divided into three sections. The first part describes how application programmers should use user-level STREAMS facilities. It provides design and program information and guidelines for developing STREAMS applications. The second section describes how system programmers should use STREAMS facilities to write UNIX® System kernel modules and device drivers. The third part contains a summary of kernel-level data structures, STREAMS message types, and specifications of kernel utility routines. *500 pgs.*

307-227 **$35.00**

UNIX® SYSTEM V RELEASE 3.1 SOURCE CODE PROVISION RELEASE NOTES

This manual describes how to install and build a UNIX® System V Release 3.1 system. Included is a list of new features, a description of what is included in the Source Code Provision distribution, and a section of software notes. *145 pgs.*

305-566 **$50.00**

UNIX® SYSTEM V RELEASE 3.1 USER'S REFERENCE MANUAL

This manual describes the commands that constitute the basic UNIX® software. *330 pgs.*

307-012 **$30.00**

UNIX® SYSTEM V RELEASE 3.1 PROGRAMMER'S REFERENCE MANUAL

This manual describes the programming features of the UNIX® System. It is divided into five sections: commands, system calls, subroutines, file formats, and miscellaneous facilities. *566 pgs.*

307-013 **$40.00**

UNIX® SYSTEM V TEXT MANAGER SOFTWARE DESCRIPTION

This document defines some of the concepts of Text Manager and introduces other system documentation. *10 pgs.*

308-190 **$15.00**

UNIX® SYSTEM V TEXT MANAGER INSTALLATION GUIDE AND RELEASE NOTES

This document defines the environment that should be in place before installing Text Manager. *13 pgs.*

308-194 **$15.00**

UNIX® SYSTEM V TEXT MANAGER USER'S GUIDE

This guide describes the usage, procedures, and features of Text Manager. *51 pgs.*

308-191 **$30.00**

UNIX® SYSTEM V TEXT MANAGER ADMINISTRATOR'S GUIDE

This guide is for the administrator who will set up and maintain the Text Manager development environment. *24 pgs.*

308-192 **$25.00**

UNIX® SYSTEM V TEXT MANAGER REFERENCE MANUAL

This manual contains an independently numbered entry for each Text Manager command and is arranged alphabetically for easy reference. *299 pgs.*

308-193 **$70.00**

OFFICE TELESYSTEM USER'S GUIDE

This manual discusses the services, features, and benefits available to secretaries and executives who use Office Telesystem. *750 pgs.*

308-339 **$45.00**

OFFICE TELESYSTEM USER'S QUICK REFERENCE GUIDE

This guide gives brief step-by-step instructions for basic Office Telesystem services. *135 pgs.*

308-170 **$20.00**

OFFICE TELESYSTEM EXECUTIVE'S QUICK REFERENCE GUIDE

This guide offers a convenient list of seven features of Office Telesystem most used by executives. Each feature is presented with the procedures needed to use the system. *36 pgs.*

308-343 **$15.00**

OFFICE TELESYSTEM MANAGER'S QUICK REFERENCE GUIDE

This guide offers a quick reference to the seven main menus of Office Telesystem which apply to managers. *60 pgs.*

308-348 **$15.00**

OFFICE TELESYSTEM SECRETARY'S QUICK REFERENCE GUIDE

This guide offers the secretary a list of eight features from the Office Telesystem main menu. Each feature comes with a description of the procedures needed to perform the functions on the menu. *72 pgs.*

308-344 **$15.00**

OFFICE TELESYSTEM REFERENCE MANUAL

This manual should be used as a quick reference guide. Topics covered include the structure of Office Telesystem, the files of Office Telesystem, database, communications and much more. *372 pgs.*

308-346 **$55.00**

OFFICE TELESYSTEM REFERENCE GUIDE FOR THE 505 PERSONAL TERMINAL

This is a handy reference card for the operation and commands of Office Telesystem. It briefly describes the primary services of this system. *14 pgs.*

308-174 **$15.00**

OFFICE TELESYSTEM REFERENCE GUIDE FOR THE 4425 TERMINAL

This card provides a reference in a handy form. It describes the features and services available with Office Telesystem. *14 pgs.*

308-173 **$2.50**

OFFICE TELESYSTEM INSTALLATION RELEASE NOTES FOR THE 3B2 COMPUTER

This document constitutes the release notes for Office Telesystem Release 2.0 when installed on a 3B2/300, 3B2/310, or 3B2/400 Computer. This should be filed in the Administrator's Guide (308-336). *22 pgs.*

308-340 **$15.00**

OFFICE TELESYSTEM ADMINISTRATOR'S GUIDE FOR THE 3B2 COMPUTER

This guide provides the information needed to set up and administer the 2.0 release of Office Telesystem. *345 pgs.*

308-336 **$65.00**

OFFICE TELESYSTEM PERIPHERAL GUIDE

This guide provides instructions that will aid the reader in the installation of the various Office Telesystem peripherals. It also provides instructions on the use of the various terminals with Office Telesystem. Typical screens and label selection methods are discussed. This guide is intended for use by the person responsible for installing terminals, printers, and other peripheral devices. The guide is organized so that each piece of equipment is in a separate chapter. Therefore, reading the whole guide is not necessary. *122 pgs.*

308-338 **$70.00**

OFFICE TELESYSTEM RELEASE 1.1 XED REFERENCE CARD

This card is a handy reference to the XED commands of Office Telesystem. It discusses accessing XED, selecting XED commands, responding to XED commands, cancelling XED comands, managing a document, setting up page fields, and print commands. *8 pgs.*

308-165 **$5.00**

OFFICE TELESYSTEM RELEASE 2.0 PRODUCT OVERVIEW

This book contains a functional overview, and a description of hardware and software as well as supported terminals. It also discusses the available documentation and training needed for the implementation of an Office Telesystem. *7 pgs.*

308-168 **$5.00**

OFFICE TELESYSTEM RELEASE 2.0 XED REFERENCE GUIDE

This guide includes procedures and guidelines for using the functions and features of Version 5.20 of the XED Document Processing System as developed for Release 1.1 of the Office Telesystem. It is intended for new users and users who have been trained on the XED editor or are familiar with an automated word processing system. *351 pgs.*

308-164 **$25.00**

OFFICE TELESYSTEM RELEASE 2.0 USER'S GUIDE

This document presents the many advantages of Office Telesystem and gives directions for its use and implementation. Includes an addendum. *419 pgs.*

308-160 **$15.00**

OFFICE TELESYSTEM RELEASE 2.0 TECHNICAL REFERENCE GUIDE

This guide aids in making changes to the hardware and software to configure the Office Telesystem to a targeted market. *148 pgs.*

308-159 **$50.00**

OFFICE TELESYSTEM RELEASE 2.0 PERIPHERAL INSTALLATION GUIDE

This guide provides instructions and describes each device used in the installation of the Office Telesystem peripherals. It is intended for use by people who are responsible for installing terminals, printers, and other peripheral devices. Includes an addendum. *120 pgs.*

308-163 **$25.00**

ASSIST

UNIX® SYSTEM V RELEASE 1.0 ASSIST SOFTWARE RELEASE NOTES

These release notes describe Assist and provide installation and reference information. *20 pgs.*

307-238 **$10.00**

UNIX® SYSTEM V RELEASE 1.0 ASSIST SOFTWARE SOURCE CODE RELEASE NOTES

This document provides installation and building information for creating a binary version of Assist from the source code version of the same. Included is a complete list of all source files. *40 pgs.*

307-236 **$10.00**

UNIX® SYSTEM V RELEASE 1.0 ASSIST SOFTWARE USER'S GUIDE

This guide describes the Assist menu interface and gives step-by-step instructions on accessing Assist. Information is also given on using the Assist menus, command forms, interactive walkthroughs, and the pop-up menu. A reference card and keyboard overlay for AT&T terminals are included. *61 pgs.*

307-234 **$30.00**

UNIX® SYSTEM V RELEASE 1.0 ASSIST SOFTWARE DEVELOPMENT TOOLS GUIDE

This guide is a development tool for designing menus and command forms for the Assist interface to the UNIX® System. It includes examples and details of the steps needed to customize Assist. *40 pgs.*

307-235 **$10.00**

DOCUMENTER'S WORKBENCH

UNIX® SYSTEM V DOCUMENTER'S WORKBENCH™ PRODUCT OVERVIEW

This document provides an overview of the features of the Documenter's Workbench™ Software. Sections include a description, programs, documentation, and technical information on the product. *12 pgs.*

310-006 **$5.00**

UNIX® SYSTEM V DOCUMENTER'S WORKBENCH™ MACHINE READABLE DOCUMENTATION SOFTWARE RELEASE DESCRIPTION

This describes the source for the machine readable documentation for Documenter's Workbench™ Software Release 1.0. The installation and processing requirements are also discussed. *8 pgs.*

307-052 **$15.00**

UNIX® SYSTEM V DOCUMENTER'S WORKBENCH™ RELEASE 1.0 SOFTWARE RELEASE DESCRIPTION

This bulletin provides important information concerning Documenter's Workbench™ Software Release 1.0 and its installation on the 3B5 Computer. *27 pgs.*

307-014 **$10.00**

UNIX® SYSTEM V DOCUMENTER'S WORKBENCH™ RELEASE 1.0 SOFTWARE INFORMATION BULLETIN

This bulletin provides important information concerning Documenter's Workbench™ Software Release 1.0 and its installation on a 3B5 Computer. Read carefully before attempting the installation. *15 pgs.*

307-024 **$10.00**

UNIX® SYSTEM V DOCUMENTER'S WORKBENCH™ RELEASE 1.0 BASIC DOCUMENTATION SET

This set includes these Documenter's Workbench™ Release 1.0 selections: Introduction and Reference Manual (307-150), Text Formatter Reference (307-151), Macro Package Reference Manual (307-152), and Preprocessor Reference Manual (307-153). *471 pgs.*

307-083 **$95.00**

UNIX® SYSTEM V DOCUMENTER'S WORKBENCH™ RELEASE 1.0 INTRODUCTION AND REFERENCE MANUAL

This document describes the Documenter's Workbench™ Software and introduces beginners to producing documents with the system. Tutorials for the text processors are provided as well as information about using a UNIX® System for document production. An appendix of commands is also included. *69 pgs.*

307-150 **$20.00**

UNIX® SYSTEM V DOCUMENTER'S WORKBENCH™ RELEASE 1.0 TEXT FORMATTER REFERENCE

This is a guide and reference manual to the text formatters available in the Documenter's Workbench™ Software. Sections included are an introduction, *nroff/troff* reference manual, device independent *troff*, and a *sroff* reference manual. *200 pgs.*

307-151 **$30.00**

UNIX® SYSTEM V DOCUMENTER'S WORKBENCH™ RELEASE 1.0 MACRO PACKAGE REFERENCE MANUAL

This is a guide and reference manual for the text processing macro packages provided on the UNIX® System. Each chapter is a user guide to a specific macro package. This information allows the beginning user to understand and use the macros. For experienced users it offers access to needed information. Sections included are an introduction, a Memorandum Macros User Guide, a *sroff/mm* User Guide, and a Viewgraph Macros User Guide. *212 pgs.*

307-152 **$25.00**

UNIX® SYSTEM V DOCUMENTER'S WORKBENCH™ RELEASE 1.0 PREPROCESSOR REFERENCE MANUAL

This document is a reference manual for the text preprocessors provided in the Documenter's Workbench™ Software. Sections included are table formatting program, PIC graphics language, and math typesetting program. *92 pgs.*

307-153 **$20.00**

UNIX® SYSTEM V DOCUMENTER'S WORKBENCH™ RELEASE 2.0 RELEASE NOTES

This document offers important information about the installation of Documenter's Workbench™ Software Release 2.0. Read carefully before attempting the installation procedure. *52 pgs.*

310-007 **$10.00**

UNIX® SYSTEM V DOCUMENTER'S WORKBENCH™ RELEASE 2.0 SOFTWARE HANDBOOK

This handbook serves as a memory jogger for accomplished users. It reviews the commands and features of the Documenter's Workbench™ Software. *51 pgs.*

310-008 **$10.00**

UNIX® SYSTEM V DOCUMENTER'S WORKBENCH™ RELEASE 2.0 HANDBOOK FOR NEW USERS

This book is designed for persons with limited experience using Documenter's Workbench™ Software. It shows various files before and after formatting and it explains the role of each request or macro in the "input" file. *21 pgs.*

310-009 **$10.00**

UNIX® SYSTEM V DOCUMENTER'S WORKBENCH™ RELEASE 2.0 USER'S GUIDE

This manual consists of tutorials which describe the features of the Documenter's Workbench™ Software. *270 pgs.*

310-004 **$50.00**

UNIX® SYSTEM V DOCUMENTER'S WORKBENCH™ RELEASE 2.0 TECHNICAL DISCUSSION AND REFERENCE MANUAL

This manual offers a technical discussion of the typesetting capabilities of the Documenter's Workbench™ Software. *288 pgs.*

310-005 **$50.00**

UNIX® SYSTEM V DOCUMENTER'S WORKBENCH™ RELEASE 2.0 SUPPLEMENTAL DOCUMENTATION SET

This set includes these Documenter's Workbench™ Release 2.0 selections: Software Release Description (307-010), Memorandum Macros (mm) Quick Reference (307-155), and Text Processing Quick Reference (307-156). *82 pgs.*

307-084 **$20.00**

UNIX® SYSTEM V DOCUMENTER'S WORKBENCH™ RELEASE 2.0 SOFTWARE RELEASE DESCRIPTION

This document describes new facilities and transitional information about the system release. *45 pgs.*

307-010 **$10.00**

UNIX® SYSTEM V DOCUMENTER'S WORKBENCH™ RELEASE 2.0 MEMORANDUM MACROS (MM) QUICK REFERENCE

This is a brief reminder on preparing documents using *mm* macros. *32 pgs.*

307-155 **$5.00**

UNIX® SYSTEM V DOCUMENTER'S WORKBENCH™ RELEASE 2.0 TEXT PROCESSING QUICK REFERENCE

This document is a reminder list of special commands and text processing commands. *5 pgs.*

307-156 **$5.00**

WRITER'S WORKBENCH®

UNIX® SYSTEM V WRITER'S WORKBENCH™ REFERENCE CARD
This reference card describes the Writer's Workbench™ programs which help in writing and editing text. *11 pgs.*
310-001 **$5.00**

UNIX® SYSTEM V WRITER'S WORKBENCH™ RELEASE 1.0 SOFTWARE INFORMATION BULLETIN
This document is a brief overview of the purpose, structure, and performance of the Writer's Workbench™ Software Release 1.0 for the 3B5 Computer. *22 pgs.*
302-957 **$10.00**

UNIX® SYSTEM V WRITER'S WORKBENCH™ RELEASE 2.0 SYSTEM RELEASE DESCRIPTION
This document is a brief overview of the purpose, structure, and performance of the Writer's Workbench™ Software Release 2.0. *5 pgs.*
302-954 **$2.00**

UNIX® SYSTEM V WRITER'S WORKBENCH™ RELEASE 2.0 SOFTWARE INFORMATION BULLETIN
This bulletin provides important information concerning this release of the Writer's Workbench™ software and its installation on a 3B2 Computer. *11 pgs.*
305-390 **$5.00**

UNIX® SYSTEM V WRITER'S WORKBENCH™ RELEASE 2.0 SOFTWARE INFORMATION BULLETIN
This is a brief overview of the purpose, structure, and performance of the Writer's Workbench™ Release 2.0.3 for the 3B5 Computer. *13 pgs.*
302-958 **$10.00**

UNIX® SYSTEM V WRITER'S WORKBENCH™ RELEASE 2.0 USER'S MANUAL
This manual contains user information for the Writer's Workbench™ programs. *375 pgs.*
302-950 **$30.00**

UNIX® SYSTEM V WRITER'S WORKBENCH™ RELEASE 2.0 ADMINISTRATOR'S MANUAL
This manual is a tutorial for setting up Writer's Workbench™. It includes command usage and examples. *15 pgs.*
302-953 **$4.00**

UNIX® SYSTEM V WRITER'S WORKBENCH™ RELEASE 2.0 REFERENCE MANUAL
This manual provides an index to Writer's Workbench™ Software features and abbreviated explanations of commands. Examples are included. It is intended for novice system users, developers, and programmers. *54 pgs.*
302-951 **$10.00**

UNIX® SYSTEM V WRITER'S WORKBENCH™ RELEASE 2.0 SUMMARY OF COMMANDS AND FLAGS
This chart lists commands and flags and indicates the effect of each command. *1 pgs.*
302-952 **$5.00**

UNIX® SYSTEM V WRITER'S WORKBENCH™ RELEASE 3.0 PRODUCT OVERVIEW
This document provides a description of the program, documentation and software support, terminal and software dependencies, supported hardware, and information concerning storage requirements. *9 pgs.*
310-002 **$10.00**

UNIX® SYSTEM V WRITER'S WORKBENCH™ RELEASE 3.0 USER'S GUIDE
This manual provides detailed instructions for using the Writer's Workbench™ programs in the UNIX® System environment. *317 pgs.*
310-000 **$55.00**

INSTRUCTIONAL WORKBENCH®

UNIX® SYSTEM V INSTRUCTIONAL WORKBENCH® RELEASE 3.0 SOFTWARE RELEASE DESCRIPTION
This document includes information on the facilities for courseware delivery, maintenance, automatic administration, and course authoring. *10 pgs.*
308-123 **$4.00**

UNIX® SYSTEM V INSTRUCTIONAL WORKBENCH® RELEASE 3.0 SOFTWARE INFORMATION BULLETIN
The manual provides feature, documentation, installation, and release format information for the Instructional Workbench® Software. *12 pgs.*
305-392 **$2.50**

UNIX® SYSTEM V INSTRUCTIONAL WORKBENCH® RELEASE 3.0 FUNDAMENTALS OF THE UNIX® SYSTEM STUDENT REFERENCE GUIDE
This document is used to develop proficient users of the UNIX® System. *41 pgs.*
308-113 **$25.00**

UNIX® SYSTEM V INSTRUCTIONAL WORKBENCH® RELEASE 3.0 ADVANCED USE OF THE UNIX® SYSTEM STUDENT REFERENCE GUIDE
This document, targeted toward the advanced UNIX® System student, is a reference for learning UNIX® System text editor techniques. *41 pgs.*
308-114 **$30.00**

UNIX® SYSTEM V INSTRUCTIONAL WORKBENCH® RELEASE 3.0 STUDENT REFERENCE CARD
Targeted toward the student taking an Instructional Workbench® (IWB) Software course, this card provides a reference for those using the IWB Software. *9 pgs.*
308-117 **$15.00**

UNIX® SYSTEM INSTRUCTIONAL WORKBENCH® RELEASE 3.0 TOUCH TYPING STUDENT REFERENCE GUIDE
This document provides information on how to teach proper typing techniques. *27 pgs.*
308-116 **$20.00**

UNIX® SYSTEM V INSTRUCTIONAL WORKBENCH® RELEASE 3.0 MEMORANDUM MACRO STUDENT REFERENCE GUIDE
This guide is a tutorial to accompany the on-line courseware instruction for the Memorandum Macro formatting package and also serves as a reference. *40 pgs.*
308-111 **$25.00**

UNIX® SYSTEM V INSTRUCTIONAL WORKBENCH® RELEASE 3.0 TABLE PREPROCESSING STUDENT REFERENCE GUIDE

This guide is a tutorial to accompany the on-line courseware instructions for Table Preprocessing (*tbl*) and also serves as a reference. *32 pgs.*
308-112 **$25.00**

UNIX® SYSTEM V INSTRUCTIONAL WORKBENCH® RELEASE 3.0 TOPIC LANGUAGE PROGRAMMER'S HANDBOOK

This guide provides a complete description of the Instructional Workbench® Topic concept and the Topic language syntax. *200 pgs.*
308-118 **$30.00**

UNIX® SYSTEM V INSTRUCTIONAL WORKBENCH® RELEASE 3.0 ADMINISTRATOR'S GUIDE

This guide introduces the Instructional Workbench® Software (IWB). Included are instructions on installing and adapting the IWB Software to fit the needs of the user, administering the IWB system, and using and interpreting IWB system activity reports. *49 pgs.*
308-110 **$30.00**

UNIX® SYSTEM V INSTRUCTIONAL WORKBENCH® RELEASE 3.0 AUTHOR'S REFERENCE CARD

This card provides a reference for the user who operates the UNIX® Authoring System. *14 pgs.*
308-120 **$10.00**

UNIX® SYSTEM V INSTRUCTIONAL WORKBENCH® RELEASE 3.0 AUTHOR'S HANDBOOK

This handbook includes all descriptive information, reference material, and a tutorial on the Compose Program. *223 pgs.*
308-119 **$40.00**

UNIX® SYSTEM V INSTRUCTIONAL WORKBENCH® RELEASE 3.1 PRODUCT OVERVIEW

This document contains complete courseware delivery and course authoring capability. It includes a number of features that are valuable in a training environment. *20 pgs.*
308-127 **$5.00**

UNIX® SYSTEM V INSTRUCTIONAL WORKBENCH® RELEASE 3.1 SYSTEM FILES AND COMMANDS STUDENT REFERENCE GUIDE

This is a supplement to the Instructional Workbench® course entitled UNIX® System Files and Commands. It instructs by supplying additional information about the course and serves as a reference in recalling commands and their functions. *52 pgs.*
308-102 **$45.00**

PROGRAMMING LANGUAGES

C PROGRAMMING LANGUAGE UTILITIES PRODUCT OVERVIEW FOR THE 3B2/3B5 COMPUTERS

This document contains general information about components and new features of the C Programming Language Utilities. It is very helpful to new users because it provides an overall perspective of how the C System works. *15 pgs.*
305-144 **$10.00**

C COMPILATION SYSTEM (CCS) RELEASE 1.0 PRODUCT OVERVIEW FOR THE 3B2/3B5 COMPUTERS

This document contains an introduction, information about documentation, and information about the user interface. *5 pgs.*
305-486 **$10.00**

C PROGRAMMING LANGUAGE UTILITIES RELEASE NOTES

This book provides important information about C Programming Language Utilities for the 3B5 Computer. *125 pgs.*
305-179 **$10.00**

C PROGRAMMING LANGUAGE RELEASE 2.0 SOFTWARE INFORMATION BULLETIN

This software bulletin should be filed in the 3B2 Computer Owner/Operator Manual under the tab labeled "Software Information Bulletins." It provides important information concerning the C Programming Language Software. *38 pgs.*
305-389 **$5.00**

C PROGRAMMER PRODUCTIVITY TOOLS (CPPT) RELEASE NOTES

These notes provide a description of the software, a checklist of contents of the CPPT package, instructions for installing the software, a description of CPPT documentation, instructions for ordering documents, and Programmer's Reference Manual pages for the *cscope* and *lprof* commands. *17 pgs.*
307-003 **$20.00**

C PROGRAMMING LANGUAGE UTILITIES (CPLU) RELEASE NOTES

This document describes the installation and upgrade information, compatibility information, and document descriptions for CPLU Issue 4.1 *5 pgs.*
307-183 **$5.00**

PORTABLE C COMPILER VERSION 2 (PCC2) INTERNALS

This document introduces and describes the Portable Compiler Version 2. Information is provided on tree forms, reading and writing templates, debugging flags and manifests for the PCC2. *66 pgs.*
308-142 **$500.00**

THE C PROGRAMMER'S HANDBOOK

Written by Morris Bolsky, this handbook is both an introduction and a reference to the C Programming Language. A handy tool for beginning and experienced programmers, this book outlines syntax, data types, operators and expressions, statements, functions, declarations, libraries, formatted input and output, and details on how to write portable C programs. *84 pgs.*
320-022 **$19.95**

THE C PROGRAMMING LANGUAGE

This book, written by Kernighan and Ritchie, helps the reader learn how to program in C. It contains a tutorial introduction to get new users started. *228 pgs.*
307-136 **$29.95**

C++ TRANSLATOR RELEASE NOTES

This guide contains a brief description of the translator and C++ Programming Language, implementation of C++, and the complex arithmetic and task library. Includes an addendum. *123 pgs.*
307-175 **$20.00**

THE C++ PROGRAMMING LANGUAGE

This book contains the tutorial and explanatory material necessary to allow a serious programmer to learn C++ and to complete real projects. The text is intended for computer science students and professional programmers who want to learn about this latest development of the C Programming Language. *327 pgs.*

320-025 **$37.00**

C-FP+ PROGRAMMING LANGUAGE UTILITIES PRODUCT OVERVIEW

This guide provides information on the components, uses, and features of C-FP+. It also lists documentation available, software dependencies, storage requirements, and benefits of running C-FP+ and C simultaneously on a 3B2/3B5/3B15 Computer. *16 pgs.*

307-179 **$10.00**

C-FP+ PROGRAMMING LANGUAGE UTILITIES RELEASE NOTES

These notes describe the software and documents that make up C-FP+, new software features, and procedures for installing C-FP+. They also contain pages for addition to the Programmer's Reference Manual for the 3B2 Computer. *50 pgs.*

307-177 **$20.00**

C-FP+ PROGRAMMING LANGUAGE UTILITIES RELEASE NOTES

These notes describe the software and documents that make up C-FP+, new software features, and procedures for installing C-FP+ on the 3B5/3B15 Computers. *50 pgs.*

307-178 **$55.00**

LEVEL II COBOL™ TOOLS SOFTWARE RELEASE DESCRIPTION

This book describes two Level II COBOL™ tools: Animator™ and Forms-2™. *2 pgs.*

301-967 **$25.00**

LEVEL II COBOL™ INTEPRETER SYSTEM RELEASE DESCRIPTION

The purpose of this release is to highlight the difference between the current COBOL product, the Level II interpreter, and a forthcoming code generating COBOL compiler for the 3B20S. Topics covered include dynamic file access, passing command line arguments, using the Organization Line Sequential mode, and much more. *19 pgs.*

301-963 **$40.00**

LEVEL II COBOL™ OPERATOR'S GUIDE

This manual describes operating procedures for the UNIX® System resident releases of the Level II COBOL™ Version 2.0 Compiler and Run Time System. *129 pgs.*

301-962 **$75.00**

LEVEL II COBOL™ REFERENCE MANUAL

This manual describes the Level II COBOL™ language for programming microcomputers. It is intended for programmers already familiar with COBOL on other equipment. *275 pgs.*

301-961 **$165.00**

LEVEL II COBOL™ TOOLS ANIMATOR™ OPERATING GUIDE

This manual is intended for COBOL programmers using Micro Focus COBOL development systems. *15 pgs.*

301-964 **$45.00**

LEVEL II COBOL™ FORMS-2™ UTILITY MANUAL

This manual describes the Forms-2™ package which is used to design, create, and edit interactive screen layouts for use with CIS or Level II COBOL™ application programs. *99 pgs.*

301-965 **$40.00**

LPI-COBOL™ USER'S GUIDE

This guide lists differences between the COBOL language described in the Reference Guide (308-222) and the COBOL actually implemented on a particular computer. The guide includes an explanation of how to compile, link, load, debug, and run COBOL. *78 pgs.*

308-223 **$40.00**

LPI-COBOL™ REFERENCE MANUAL

This manual describes the COBOL language as implemented by Language Processors. It is designed to be a reference document, not a tutorial. *357 pgs.*

308-222 **$40.00**

COBOL SYNTAX CHECKER USER'S BROCHURE

This user's guide is primarily intended for on the job use to assist trained personnel in the development of COBOL programs. *60 pgs.*

301-960 **$50.00**

MBASIC® HANDBOOK

This book is a wealth of information for users unfamiliar with a computer. It is a clear, concise tutorial describing computer applications in business, educational, and personal environments. *457 pgs.*

308-271 **$17.95**

BASIC LANGUAGE RELEASE 1.0 SOFTWARE RELEASE DESCRIPTION

This release contains information on available documentation, comments on compatibility with other dialects of Basic, and a list of known deficiencies not otherwise documented. *8 pgs.*

308-027 **$10.00**

BASIC LANGUAGE RELEASE 1.0 SOFTWARE RELEASE DESCRIPTION FOR THE 3B2 COMPUTER

This document provides information on available documentation, comments on compatibility with other dialects of Basic, installation procedures, and known deficiencies. *12 pgs.*

308-032 **$25.00**

BASIC LANGUAGE RELEASE 1.1 SOFTWARE RELEASE DESCRIPTION

This bulletin describes the UNIX® System Basic Software Release 1.1. *12 pgs.*

308-030 **$25.00**

BASIC INTERPRETER RELEASE 1.1 SOFTWARE INFORMATION BULLETIN

This bulletin describes UNIX® System Basic Software Release 1.1. In addition to describing the installation procedure, this document provides information on available documentation. *9 pgs.*

305-388 **$2.50**

BASIC LANGUAGE USER'S GUIDE

This document is for Basic language users. This guide is designed for experienced users of standard Basic syntax. *46 pgs.*

308-270 **$25.00**

A PRACTICAL INTRODUCTION TO PASCAL

Written by Wilson and Addyman, this second edition is directed both at beginners and experienced programmers wishing to learn Pascal. With a progressive, practical approach, simple illustrative problems are used to introduce control constructs, expressions, and the simple use of procedures. The language is described using syntax diagrams and complete examples are used to illustrate each feature of the language. *239 pgs.*
308-235 **$14.95**

PASCAL COMPILER USER'S GUIDE

This guide is designed to help users familiarize themselves with the UNIX® Pascal Compiler. *32 pgs.*
308-228 **$25.00**

PASCAL COMPILER RELEASE 1.0 SOFTWARE INFORMATION BULLETIN FOR THE 3B2 COMPUTER

This document provides important information concerning release 1.0 of the UNIX® Pascal Compiler and its installation. *3 pgs.*
305-393 **$15.00**

FORTRAN 77 XLA+ PROGRAMMING LANGUAGE UTILITIES PROGRAMMER'S MANUAL FOR THE 3B2/3B15 COMPUTERS

This manual describes the use of Fortran 77 XLA+ on the UNIX® System and provides a description of Fortran 77 XLA+'s extension to ANSI Fortran 77. It assumes the programmer is familiar with the Fortran Programming Language. *85 pgs.*
308-285 **$50.00**

FORTRAN 77 REFERENCE MANUAL

This is a reference manual for UNIX® System Fortran 77, Release 1.1. Included is information on creating, compiling, and debugging Fortran 77. Information is also available about calling Fortran routines from C and C routines from Fortran. *278 pgs.*
308-278 **$55.00**

ASSEMBLY LANGUAGE PROGRAMMING MANUAL

This manual is intended for 3B Computer users with a need to program in assembly language. Emphasis is on the WE® 32100 Microprocessor and its floating point support. Assembler and disassembler options are presented along with a description of assembler directive and macro processing facilities. *440 pgs.*
305-000 **$30.00**

ASSEMBLY LANGUAGE REFERENCE MANUAL

This manual provides a detailed description of the assembly language instructions and the principles of assembly language programming for the 3B20 Computers. It describes each instruction and its use and provides a quick reference guide of all assembly instructions. *425 pgs.*
303-220 **$55.00**

S: AN INTERACTIVE ENVIRONMENT FOR DATA ANALYSIS & GRAPHICS

This book describes the S Language, a high level language for specifying computations. It includes a case study, a tutorial introduction, a section describing basic concepts of the language, and information on more detailed documentation of the S function. *550 pgs.*
308-090 **$23.95**

EXTENDING THE S SYSTEM

Written by Richard Becker and John Chambers, this book describes how to extend the capabilities of S by writing new functions. It assumes familiarity with the UNIX® System and programming experience. *166 pgs.*
308-091 **$14.95**

3B20 COMPUTERS

3B20 COMPUTER SITE PREPARATION MANUAL

The planning information in this manual can be used to prepare the site for installation of the 3B20 Computer. Worksheets, layout aids, and a checklist are furnished to assist designing the computer configuration. *56 pgs.*
303-214 **$25.00**

3B20 COMPUTER INSTALLATION SERIES

This set of manuals is to be used with the 3B20 Computer. The set includes the Operational Test Procedures Guide (303-250), the Basic Installation Guide (303-246), the Feature Additions Guide (303-247), the Peripherals Guide (303-248), and finally the Reference and Diagnostic Aids Guide (303-249). *1147 pgs.*
303-099 **$430.00**

3B20 COMPUTER OPERATIONAL TEST PROCEDURES GUIDE

This book guides the user through operational test procedures and preparation, error handling and troubleshooting, as well as directory structure and device driver files by using the System Integrity Exerciser (SIE) worksheet program. It also contains a sample Turnover Report. Includes an addendum. *100 pgs.*
303-250 **$61.64**

3B20 COMPUTER BASIC INSTALLATION MANUAL

This manual describes the 3B20 Computer's distributed input/output (I/O) architecture, high-performance operation, self-diagnostic capabilities, and expansion features for system growth. This volume provides some basic operating, testing and maintenance information to support installation efforts. Includes an addendum. *591 pgs.*
303-246 **$120.00**

3B20 COMPUTER FEATURE ADDITIONS MANUAL

This volume gives detailed instructions for expanding an existing 3B20 Computer by adding features. It is the source book for installing new features. Includes an addendum. *470 pgs.*
303-247 **$110.00**

3B20 COMPUTER PERIPHERALS MANUAL

This manual details the installation, preliminary testing and maintenance of the system peripherals installed with the 3B20 Computer. Includes an addendum. *307 pgs.*
303-248 **$90.00**

3B20 COMPUTER REFERENCE AND DIAGNOSTIC AIDS MANUAL

This manual contains reference and diagnostic material related to the installation of the 3B20 Computer. Includes an addendum. *319 pgs.*
303-249 **$100.00**

3B20 COMPUTER OFF-LINE MAINTENANCE GUIDE
This guide describes off-line diagnostics (Issue 5.3) and trouble clearing procedures for maintaining the 3B20 Computers. *190 pgs.*
304-128 **$85.00**

3B20 COMPUTER MAIN STORE DETAILED DESCRIPTION
This document is a detailed description of the main store (memory) in the 3B20 Model 1 Computers. *27 pgs.*
304-122 **$25.00**

3B20 COMPUTER MAIN STORE DETAILED DESCRIPTION
This document is a detailed description of the main store (memory) in the 3B20 Model 2 Computers. It contains a description of the main store configuration, operation, and hamming circuit. *30 pgs.*
304-222 **$25.00**

3B20 COMPUTER DIRECT MEMORY ACCESS DETAILED DESCRIPTION
This document is a detailed description of the direct memory access used in the 3B20 Model 1 Computers. *30 pgs.*
304-123 **$25.00**

3B20 COMPUTER POWER ORGANIZATION DETAILED DESCRIPTION
This document is a detailed description of the power system of the 3B20 Model 1 Computers. *30 pgs.*
304-125 **$25.00**

3B20 COMPUTER POWER ORGANIZATION DETAILED DESCRIPTION
This document is a detailed description of the power system for the 3B20 Model 2 Computers. It describes system power requirements, system power distributions, system grounding, and system power removal and restoral. *30 pgs.*
304-225 **$25.00**

3B20 COMPUTER CENTRAL CONTROL DETAILED DESCRIPTION
This document is a detailed description of the Central Control (CC) used in the 3B20 Model 1 Computers. *72 pgs.*
304-121 **$100.00**

3B20 COMPUTER CENTRAL CONTROL DETAILED DESCRIPTION
This document is a detailed description of the central control for the 3B20 Model 2 Computers. It describes the subunits located in the general computer unit, the maintenance channel, the emergency action interface, and the dual access utility circuit. *32 pgs.*
304-221 **$30.00**

3B20 COMPUTER I/O PROCESSOR AND PERIPHERALS DETAILED DESCRIPTION
This document discusses in detail the 3B20 Model 1 Computer Input/Output Processor and peripherals. *25 pgs.*
304-124 **$45.00**

3B20 COMPUTER I/O PROCESSOR AND PERIPHERALS DETAILED DESCRIPTION
This document is a functional description of the Input/Output Processor organization and the peripherals of the 3B20 Model 2 Computers. It assumes the reader is familiar with the information in the system description document. *30 pgs.*
304-224 **$25.00**

3B20 COMPUTER OPERATOR TERMINAL PERIPHERAL CONTROLLER (TN983) PAMPHLET
This pamphlet will increase the interactive user's knowledge and expertise with its information on the operator terminal peripheral controller (TN983). *23 pgs.*
304-056 **$10.00**

3B20 COMPUTER DISK FILE CONTROLLER DETAILED DESCRIPTION
This document is for any user who wishes to learn more about the disk file controller (DFC) and moving head disk drives in the 3B20 Model 1 Computers. *30 pgs.*
304-126 **$45.00**

3B20 COMPUTER DISK FILE CONTROLLER DETAILED DESCRIPTION
This document is a detailed description of the disk file controller and an overview of the disk file controller firmware used in the 3B20 Model 2 Computers. *30 pgs.*
304-226 **$30.00**

3B20 COMPUTER 340 MB DISK DRIVE PAMPHLET
This pamphlet will increase the knowledge and expertise of the user with its information on the 340-Mbyte disk drive. *24 pgs.*
304-052 **$10.00**

3B20 COMPUTER 6250 BPI TAPE UNIT PAMPHLET
This pamphlet is designed to increase the knowledge and expertise of the 3B20 Computer user. It contains information on the high-performance, high-density 6250 bits per inch (bpi) tape facility. *26 pgs.*
304-050 **$20.00**

3B20 COMPUTER 6250 PHASE III TAPE PAMPHLET
This pamphlet will increase the knowledge and expertise of the 3B20 Computer operator with its information on the 6250/1600 bit per inch (bpi) dual density streaming tape facility. *24 pgs.*
304-053 **$10.00**

3B20 COMPUTER FLOATING POINT MANUAL
This pamphlet is a tool to increase the knowledge and expertise of the 3B20 Computer user. It contains information on the hardware floating point unit. *21 pgs.*
304-051 **$20.00**

3B20 COMPUTER IS25 ASSEMBLY MANUAL
This manual contains information on: assembly language, data information, registers, addressing modes, assembly errors, and exceptional conditions instruction. *175 pgs.*
304-027 **$75.00**

3B20 COMPUTER UNIX® SYSTEM V RELEASE 2.0 SOFTWARE RELEASE DESCRIPTION
This description of UNIX® System V Release 2.0 for the 3B20 Model 1 and 2 Computers provides additional peripheral support. Includes an addendum. *133 pgs.*
307-009 **$30.00**

3B20 COMPUTER UNIX® SYSTEM V RELEASE 2.0 MACHINE READABLE DOCUMENTATION SOFTWARE RELEASE DESCRIPTION
This is a description of the source of the UNIX® System V Release 2.0 3B20 Computer documentation. *35 pgs.*
307-051 **$20.00**

3B20 COMPUTER UNIX® SYSTEM V RELEASE 2.0 ADMINISTRATOR'S GUIDE

This guide is a reference volume for those who administer a UNIX® System on a 3B20 Computer. Includes an addendum. *185 pgs.*

307-104 **$35.00**

3B20 COMPUTER UNIX® SYSTEM V RELEASE 2.0 ADMINISTRATOR'S REFERENCE MANUAL

This manual supplements the information contained in the User's Reference Manual (307-110) and provides an easy reference volume for administering a UNIX® System. Includes an addendum. *135 pgs.*

307-112 **$23.50**

3B20 COMPUTER UNIX® SYSTEM V RELEASE 2.0 ERROR MESSAGE REFERENCE MANUAL

This manual provides a description of all UNIX® System V Release 2.0 3B20 Computer error messages with appropriate actions and references for each. *280 pgs.*

307-115 **$20.00**

3B20 COMPUTER UNIX® SYSTEM V RELEASE 2.0 OPERATOR'S GUIDE

This guide contains a description of console operations and step-by-step instructions for operator duties. Includes an addendum. *50 pgs.*

307-105 **$18.50**

3B20 COMPUTER UNIX® SYSTEM V RELEASE 2.0 PROGRAMMER'S REFERENCE MANUAL

This manual describes the programming features of the UNIX® System V Release 2.0 for the 3B20 Computer. Includes an addendum. *293 pgs.*

307-116 **$28.50**

3B20 COMPUTER UNIX® SYSTEM V RELEASE 2.0 USER'S REFERENCE MANUAL

This manual describes the features of the UNIX® System. It is divided into two sections: commands/application programs and games. Includes an addendum. *327 pgs.*

307-110 **$45.00**

3B20 COMPUTER UNIX® SYSTEM V RELEASE 2.0 VERSION 3 PRODUCT OVERVIEW

This product overview describes the UNIX® System V Release 2.0 Version 3 for 3B20 Computers and its features. *8 pgs.*

307-028 **$10.00**

3B20 COMPUTER UNIX® SYSTEM V RELEASE 2.0 VERSION 3 INSTALLATION GUIDE AND RELEASE NOTES

This document describes the installation procedures for the UNIX® System V Release 2.0 Version 3 for the 3B20 Computers. *8 pgs.*

307-048 **$10.00**

3B20 COMPUTER UNIX® SYSTEM V RELEASE 2.0.3 VERSION 3 PRODUCT OVERVIEW

This book is an overview of the features and documents available with UNIX® System V Release 2.0.3 Version 3. *9 pgs.*

307-035 **$20.00**

3B20 COMPUTER UNIX® SYSTEM V RELEASE 2.0 VERSION 3 SUPPLEMENT

This supplement details the documentation changes of UNIX® System V Release 2.0 Version 3 for the 3B20 Computer. These pages replace all or parts of the Administrator's Guide (307-104), Administrator's Reference Manual (307-112), Programmer's Reference Manual (307-116), and User's Reference Manual (307-110). *200 pgs.*

307-222 **$25.00**

3B20 COMPUTER UNIX® SYSTEM V RELEASE 2.0 VERSION 4 SUPPLEMENT

This supplement details the documentation changes of UNIX® System V Release 2.0 Version 4 for the 3B20 Computer. The contents of this supplement replace all or parts of the Administrator's Guide (307-104), Programmer's Guide (307-103), Administrator's Reference Manual (307-112), Programmer's Reference Manual (307-106), User's Reference Manual (307-110), and the Error Message Reference Manual (307-115). *260 pgs.*

307-221 **$35.00**

3B20 COMPUTER UNIX® SYSTEM V RELEASE 2.1.1 PRODUCT OVERVIEW

This release describes the features of the UNIX® System V Release 2.1.1 for the 3B20 Computer and the following new features: streaming tape without tape controller, binary UNIX® System, tunable character I/O priority, source code package, mandatory file and record locking, file system hardening, tunable number of open files, upgraded commands, C Compilation System (CCS), windowing utilities, and system fixes. *18 pgs.*

307-263 **$10.00**

3B20 COMPUTER UNIX® SYSTEM V RELEASE 2.1 HARDWARE DESCRIPTION

This document contains a detailed description of the 3B20 Computer hardware. It assumes familiarity with the system description for the respective computer. *340 pgs.*

303-210 **$75.00**

3B20 COMPUTER UNIX® SYSTEM V RELEASE 2.1 DOCUMENTATION ROADMAP

This guide advises the user of available documents and explains how to order them. The user learns how documents are related to one another and how to identify the document needed for a particular task. *68 pgs.*

303-200 **$15.00**

3B20 COMPUTER UNIX® SYSTEM V RELEASE 2.1 OPERATIONS AND ADMINISTRATION GUIDE

This guide provides instructions for operating and administering UNIX® System V Release 2.1 on 3B20 Computers. The text is for system administrators and computer operators and assumes at least two years of computer science or training. *400 pgs.*

307-251 **$75.00**

3B20 COMPUTER UNIX® SYSTEM V RELEASE 2.1 ADMINISTRATOR'S REFERENCE MANUAL

This manual is a supplement to the information contained in the UNIX® System V User's Reference Manual (307-257). It is divided into three sections: system maintenance commands and application programs, and special files and system maintenance procedures. *150 pgs.*

307-252 **$45.00**

3B20 COMPUTER UNIX® SYSTEM V RELEASE 2.1 ERROR MESSAGE REFERENCE MANUAL

This manual is designed to provide a description of all error messages along with appropriate actions and references for each. *150 pgs.*

307-254 **$35.00**

3B20 COMPUTER UNIX® SYSTEM V RELEASE 2.1 PROGRAMMER'S REFERENCE MANUAL

This manual describes the programming features of the UNIX® System. It is divided into four sections: system calls, subroutines, file formats and miscellaneous facilities. *500 pgs.*

307-256 **$50.00**

3B20 COMPUTER UNIX® SYSTEM V RELEASE 2.1 SUPPORT TOOLS GUIDE

This volume describes the various software tools that aid the UNIX® System user. *400 pgs.*
307-261 **$60.00**

3B20 COMPUTER UNIX® SYSTEM V RELEASE 2.1 EDITING GUIDE

The following editor programs are provided by the UNIX® System and are presented in tutorial fashion in this guide: *ed, vi, ex, sed,* and *bfs.250 pgs.*
307-258 **$45.00**

3B20 COMPUTER UNIX® SYSTEM V RELEASE 2.1 USER'S REFERENCE MANUAL

This manual describes the features of the UNIX® System. It is divided into two sections: commands/application programs and games. *500 pgs.*
307-257 **$45.00**

3B20 COMPUTER UNIX® SYSTEM V RELEASE 2.1 VERSION 3 PRODUCT OVERVIEW

This release describes the features of Versions 1 and 2 and introduces the new features of Version 3. *16 pgs.*
307-030 **$10.00**

3B20 COMPUTER UNIX® SYSTEM V RELEASE 2.1 VERSION 3 RELEASE NOTES

This document describes the installation procedures of the UNIX® System V Release 2.1 Version 3 for the 3B20 Computer. *17 pgs.*
307-060 **$10.00**

3B20A COMPUTER UNIX® SYSTEM V RELEASE 2.0 SYSTEM DESCRIPTION

This document describes the configuration, features, hardware, and functions of the 3B20A Model 1 Computer. Includes an addendum.*118 pgs.*
304-109 **$65.00**

3B20A COMPUTER UNIX® SYSTEM V RELEASE 2.0 SYSTEM DESCRIPTION

This is a general overview of the configuration capabilities, hardware, and functions of the 3B20A Model 2 Computer. *30 pgs.*
304-209 **$30.00**

3B20A COMPUTER UNIX® SYSTEM V RELEASE 2.1 SYSTEM DESCRIPTION

This book describes the benefits of the 3B20A Computer. It also contains Technical Specification Sheets for the software and hardware. *38 pgs.*
303-205 **$25.00**

3B20A COMPUTER SYSTEM INDEX

This index lists the documents available to a user of the 3B20A Model 1 Computer. It also serves as a quick reference to the material contained in the documents. *34 pgs.*
304-102 **$30.00**

3B20A COMPUTER SYSTEM INDEX

This index lists the documents available to a user of the 3B20A Model 2 Computer. *34 pgs.*
304-202 **$20.00**

3B20A COMPUTER ON-LINE AND OFF-LINE DIAGNOSTICS USER'S GUIDE

This guide describes on-line and off-line diagnostics and procedures. It provides sufficient information to diagnose most fault conditions when they occur, make the necessary changes or repairs, and return the computer to its normal operating condition. Includes an addendum.*360 pgs.*
304-104 **$130.00**

3B20A COMPUTER SYSTEM MAINTENANCE GUIDE

This guide provides plans and procedures for maintaining the 3B20A Model 1 Computer. Routine maintenance procedures and an addendum are included. *98 pgs.*
304-111 **$50.00**

3B20A COMPUTER SYSTEM MAINTENANCE GUIDE

This guide provides plans and procedures for maintaining the 3B20A Model 2 Computer to assure that the computer is kept operational.*118 pgs.*
304-211 **$70.00**

3B20A COMPUTER ON-LINE MAINTENANCE GUIDE

This guide describes the on-line diagnostics and troubleshooting procedures for maintaining the 3B20A Model 1 Computer. It provides information to isolate fault conditions, make the necessary changes for repairs, and return the computer to its normal operation. *190 pgs.*
304-129 **$75.00**

3B20S COMPUTER UNIX® SYSTEM V RELEASE 2.0 SYSTEM DESCRIPTION

This document describes the configurations, features, hardware, and functions of the 3B20S Model 1 Computer. Includes an addendum.*67 pgs.*
304-108 **$65.00**

3B20S COMPUTER UNIX® SYSTEM V RELEASE 2.0 SYSTEM DESCRIPTION

This document describes the configurations, features, hardware, and functions of the 3B20S Model 2 Computer. *98 pgs.*
304-208 **$25.00**

3B20S COMPUTER UNIX® SYSTEM V RELEASE 2.1 SYSTEM DESCRIPTION

This book describes the 3B20S Computer System. It lists and describes the features and benefits of the system such as its affordability, flexibility, and capabilities. *36 pgs.*
303-204 **$25.00**

3B20S COMPUTER SYSTEM INDEX

This index lists the documents available to a user of the 3B20S Model 1 Computer. *35 pgs.*
304-101 **$25.00**

3B20S COMPUTER SYSTEM INDEX

This index lists documents available to the user of the 3B20S Model 2 Computer. *32 pgs.*
304-201 **$25.00**

3B20S COMPUTER CO-LOCATION AND DUAL PORTING

This pamphlet aids the customer in configuring the basic 3B20S Processor System with available and supported options. It also increases the knowledge and expertise of the system administrator in monitoring and controlling the configuration. *32 pgs.*
301-956 **$5.00**

3B20S COMPUTER SYSTEM MAINTENANCE GUIDE

This guide's strategies and procedures for maintaining the 3B20S Model 1 Computer assure that the computer is kept operational. Includes an addendum. *96 pgs.*
304-110 **$55.00**

3B20S COMPUTER SYSTEM MAINTENANCE GUIDE

This guide's strategies and procedures for maintaining the 3B20S Model 2 Computer assure that the computer remains operational. *118 pgs.*
304-210 **$55.00**

3B20S COMPUTER ON-LINE MAINTENANCE GUIDE

This guide describes on-line diagnostics and troubleshooting procedures for maintaining the 3B20S Model 1 Computer. *176 pgs.*
304-127 **$70.00**

3B20S COMPUTER ON-LINE MAINTENANCE GUIDE

The guide is a description of on-line diagnostic information and trouble clearing procedures for users who perform maintenance on the 3B20S Model 2 Computer. This information enables the user to isolate fault conditions, make the necessary changes or repairs, and return the system to its normal operating condition. *57 pgs.*

304-227 **$85.00**

3B20S COMPUTER ON-LINE AND OFF-LINE DIAGNOSTICS USER'S GUIDE

This guide is a description of on-line and off-line diagnostics and procedures used to maintain the 3B20S Model 1 Computer. It provides information to diagnose most fault conditions when they occur, make necessary changes or repairs, and return the computer to its normal operating condition. Includes an addendum.

310 pgs.

304-103 **$130.00**

3B20D COMPUTER SITE PREPARATION MANUAL

This guide outlines planning information necessary to install the 3B20D Model 3 Computer. *23 pgs.*

303-102 **$20.00**

3B20D COMPUTER UNIX® REAL-TIME-RELIABLE (RTR) SYSTEM INPUT MESSAGES MANUAL VOLUMES 1-3

This manual describes the human-machine interface language messages available with the 3B20D input channels. It is designed as a reference for work center personnel and support groups whose applications communicate with the UNIX® RTR System on the 3B20D Processor. *1303 pgs.*

303-082 **$425.00**

3B20D COMPUTER UNIX® REAL-TIME-RELIABLE (RTR) SYSTEM OUTPUT MESSAGES MANUAL VOLUMES 1-6

This manual describes the messages available with the 3B20D Input/Output (I/O) channels. It is a reference for work center personnel and support groups whose applications send and receive messages from the UNIX® RTR System on the 3B20D Processor.

2336 pgs.

303-083 **$400.00**

3B20D COMPUTER UNIX® REAL-TIME-RELIABLE (RTR) SYSTEM INPUT MESSAGES-PDS VOLUMES 1-3

This three volume set describes all input messages available on the maintenance interface channels of the 3B20D Computer. The input messages documented in these manuals adhere to the Program Documentation Standards (PDS). These volumes are designed to be used with the Output Message Manuals (303-081). All input messages documented in this set represent the supported messages for all generics issued up to and including Generic 3. *1303 pgs.*

303-080 **$360.00**

3B20D COMPUTER UNIX® REAL-TIME-RELIABLE (RTR) SYSTEM OUTPUT MESSAGES-PDS VOLUMES 1-6

This six volume set describes the messages available on the 3B20D Computer Input/Output (I/O) channels. It is a reference for work center personnel and support groups whose applications send and receive messages. The set is divided into four sections. Section One explains the purpose of the manual and gives a brief overview of output message functions. Section Two contains instructions to guide the user in interpreting message formats and descriptions. Section Three is an alphabetical output message index. Finally, Section Four contains the message documentation presented in alphabetical order by message name.

2336 pgs.

303-081 **$635.00**

3B20D COMPUTER UNIX® REAL-TIME-RELIABLE (RTR) SYSTEM RESOURCES ENGINEERING GUIDE

This guide helps the user understand and engineer the system resources that are a part of the UNIX® RTR System. This issue covers the system resources available with Release 1. *97 pgs.*

303-073 **$15.00**

3B20D COMPUTER UNIX® REAL-TIME-RELIABLE (RTR) SYSTEM PROCESSOR RECOVERY MESSAGES GUIDE

This guide to the Processor Recovery Messages (PRMs) produced during a 3B20D Computer processor recovery helps the user interpret messages and correct faults. Includes an addendum.

416 pgs.

303-007 **$110.00**

3B20D COMPUTER UNIX® REAL-TIME-RELIABLE (RTR) SYSTEM ERROR MESSAGES USER'S GUIDE

This guide to the Control Unit (CU) error messages and automatic post-mortem dumps for Release 1 will help the user interpret the different types of error messages generated by the automatic fault recovery features.*125 pgs.*

303-004 **$10.00**

3B20D COMPUTER UNIX® REAL-TIME-RELIABLE (RTR) SYSTEM SOFTWARE TROUBLESHOOTING GUIDE

This guide to debugging software running on the 3B20D Computer gives general information for debugging procedures. *275 pgs.*

303-072 **$140.00**

3B20D COMPUTER UNIX® REAL-TIME-RELIABLE (RTR) SYSTEM DIAGNOSTIC USER'S GUIDE

This guide helps personnel use the diagnostic facilities of the 3B20D Computer. *95 pgs.*

303-002 **$20.00**

3B20D COMPUTER UNIX® REAL-TIME-RELIABLE (RTR) SYSTEM MAINTENANCE MANUAL

This manual summarizes the corrective and preventative maintenance procedures for the 3B20D Computers. Software diagnostic capabilities are also discussed. *350 pgs.*

303-009 **$45.00**

3B20D COMPUTER UNIX® REAL-TIME-RELIABLE (RTR) SYSTEM AUDIT GUIDE

This is a guide for users responsible for operating and maintaining the 3B20D Computer running under the UNIX® RTR System Release 1. It describes the system audits available to the user as well as the software integrity subsystem. *160 pgs.*

303-006 **$50.00**

3B20D COMPUTER UNIX® REAL-TIME-RELIABLE (RTR) SYSTEM RECENT CHANGE AND VERIFY MANUAL

This is a guide for creating and maintaining the UNIX® RTR System, the 3B20D Computer, the Equipment Configuration Database (ECD), and the System Generation (SG) Database by using the Recent Change and Verify (RC/V) system and other database tools. *350 pgs.*

303-010 **$75.00**

3B20D COMPUTER UNIX® REAL-TIME-RELIABLE (RTR) SYSTEM UPDATE USER'S GUIDE

This guides users responsible for maintaining a 3B20D Computer running the UNIX® RTR System Release 1. It describes system update concepts and defines procedures for implementing updates. *40 pgs.*
303-014 **$25.00**

3B20D COMPUTER UNIX® REAL-TIME-RELIABLE (RTR) SYSTEM FIELD UPDATE USER'S GUIDE

This guide is for users responsible for maintaining the 3B20D Computer and running the UNIX® RTR System Release 1. It describes field update concepts and defines procedures for implementing updates. *43 pgs.*
303-003 **$25.00**

3B20D COMPUTER UNIX® REAL-TIME-RELIABLE (RTR) SYSTEM CRAFT INTERFACE USER'S GUIDE

This guide is written for personnel responsible for operating and maintaining the 3B20D Computer. It summarizes the operation of the operator terminal (MCRT) and maintenance capabilities for the UNIX® RTR System Release 1 only. *80 pgs.*
303-001 **$25.00**

3B20D COMPUTER UNIX® REAL-TIME-RELIABLE (RTR) SYSTEM ASSEMBLY LANGUAGE USER'S GUIDE

This provides users with a basic understanding of the 3B20D Computer assembly language and enables them to read and interpret assembly language listings. The three language types are described. *450 pgs.*
303-012 **$100.00**

3B5 COMPUTERS

3B5 COMPUTER INSTALLATION MANUAL

This manual provides installation procedures for the 3B5 Computer and expansion features. Also included are basic operating, troubleshooting, and maintenance information. *440 pgs.*
305-181 **$65.00**

3B5 COMPUTER USER'S GUIDE

This guide introduces the UNIX® System. It includes information on what the UNIX® System is, what must be understood to use it, how to log in and log off the system, and how to use some of its important features and commands. *234 pgs.*
305-110 **$40.00**

3B2/3B5 COMPUTER DRIVER DESIGN GUIDE

This guide provides information to users designing device drivers. Knowledge of the UNIX® System and advanced C coding techniques is required. Includes an addendum. *413 pgs.*
305-495 **$75.00**

3B5 COMPUTER DUAL DENSITY MAGNETIC TAPE DRIVE MANUAL

This manual describes the use of the dual density magnetic tape drive for the 3B5 Computer. It is designed for computer system planners, computer administrators, operators, and users. *35 pgs.*
305-166 **$20.00**

3B5 COMPUTER UNIX® SYSTEM RELEASE 5.3 USER'S REFERENCE MANUAL

This manual describes the features of the UNIX® System. It offers the basic information you need to get started in UNIX®: how to log in and off, how to communicate via your terminal, and how to run a program. The manual contains six sections: commands and applications, system calls, subroutines, file formats, miscellaneous facilities and games. *500 pgs.*
305-117 **$45.00**

3B5 COMPUTER UNIX® SYSTEM V RELEASE 1.0.1 VERSION 1 RELEASE NOTES

This document describes UNIX® System V Release 1.0.1 Version 1 for the 3B5 Computer and provides installation instructions. *11 pgs.*
305-053 **$5.00**

3B5 COMPUTER UNIX® SYSTEM V RELEASE 1.2 DESCRIPTION AND MAINTENANCE PROCEDURES

This document provides a detailed description of the 3B5 Computer and its maintenance procedures. It is intended for owners who maintain their own computers. *250 pgs.*
305-106 **$70.00**

3B5 COMPUTER UNIX® SYSTEM V RELEASE 1.2 TROUBLE LOCATION MANUAL

This is a detailed review of the tests performed by the diagnostics feature of the 3B5 Computer. Includes an addendum. *400 pgs.*
305-107 **$135.00**

3B5 COMPUTER UNIX® SYSTEM V RELEASE 2.0 SOFTWARE RELEASE DESCRIPTION

This document describes UNIX® System V Release 2.0 Version 1 for the 3B5 Computer. *60 pgs.*
305-004 **$20.00**

3B5 COMPUTER UNIX® SYSTEM V RELEASE 2.0 DOCUMENT GUIDE

This guide identifies the documents that support the 3B5 Computer. *32 pgs.*
305-120 **$5.00**

3B5 COMPUTER UNIX® SYSTEM V RELEASE 2.0 ADMINISTRATOR'S GUIDE

An advanced procedural guide for administrators of the 3B5 Computer, the book details administrative guidelines, instructions on setting up the UNIX® System, file system backup and restoring information, and UNIX® System accounting. Also included is information on file system checking, the LP spooling system, UNIX® System remote job entry, UUCP administration, and automatic call facility installation. Includes addendums. *256 pgs.*
305-123 **$55.00**

3B5 COMPUTER UNIX® SYSTEM V RELEASE 2.0 ADMINISTRATOR'S REFERENCE MANUAL

A supplement to the information contained in the UNIX® System V User's Reference Manual (305-125), this manual provides an easy reference volume for those administering the UNIX® System. Contents include system maintenance commands and applications programs, special files and system maintenance procedures. Includes addendums. *518 pgs.*
305-126 **$65.00**

3B5 COMPUTER UNIX® SYSTEM V RELEASE 2.0 ERROR MESSAGE REFERENCE MANUAL

A description of all 3B5 Computer error messages is provided as well as appropriate actions and references for each. Includes addendums. *227 pgs.*
305-128 **$90.00**

3B5 COMPUTER UNIX® SYSTEM V RELEASE 2.0 TROUBLE LOCATION MANUAL

This manual is a detailed review of the tests performed by the diagnostics feature of the 3B5 Computer. Includes addendums. *476 pgs.*
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3B5 COMPUTER UNIX® SYSTEM V RELEASE 2.0 OWNER/OPERATOR MANUAL

This descriptive operating information for the 3B5 Computer provides a general background for the user who needs a basic understanding of how the computer works and its growth potential. *85 pgs.*
305-103 **$50.00**

3B5 COMPUTER UNIX® SYSTEM V RELEASE 2.0 PROGRAMMER'S REFERENCE MANUAL

This manual describes the programming features of the UNIX® System. Includes addendums. *590 pgs.*
305-127 **$60.00**

3B5 COMPUTER UNIX® SYSTEM V RELEASE 2.0 USER'S REFERENCE MANUAL

This manual describes the features of the UNIX® System and its operation on the 3B5 computer. Contents include: commands and applications programs, system calls, file formats, and miscellaneous facilities. Includes addendums. *512 pgs.*
305-125 **$60.00**

3B5 COMPUTER UNIX® SYSTEM V RELEASE 2.0 VERSION 2 PRODUCT OVERVIEW

This document describes UNIX® System V Release 2.0 for the 3B5 Computer. *44 pgs.*
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3B5 COMPUTER UNIX® SYSTEM V RELEASE 2.0 VERSION 2 INSTALLATION GUIDE AND RELEASE NOTES

This guide includes installation procedures and release notes. *36 pgs.*
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3B5 COMPUTER UNIX® SYSTEM V RELEASE 2.0 VERSION 2 OWNER/OPERATOR MANUAL

This document is a high level description of the 3B5 Model 301 Computer hardware and software and includes complete operating procedures. *250 pgs.*
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3B5 COMPUTER UNIX® SYSTEM V RELEASE 2.0.1 ACCELERATED TAPE CONTROLLER RELEASE NOTES

This document describes the Accelerated Tape Controller Add-on- Package (ATCAP). This document includes installation and removal instructions. *36 pgs.*
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3B5 COMPUTER UNIX® SYSTEM V RELEASE 2.0.1 VERSION 1 HIGH SPEED PRINTER CONTROLLER RELEASE NOTES

This document describes the High-Speed Printer Controller (HSPC) add-on package. Instructions for installing and removing the package are included. *37 pgs.*
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3B15 COMPUTERS

3B15 COMPUTER SITE PREPARATION MANUAL

This information is needed to prepare for the arrival of a new 3B15 Computer. *29 pgs.*
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3B15 COMPUTER INSTALLATION MANUAL

This document provides installation instructions for the 3B15 Computer and any expansion features. Sections included are: background information, installation procedures, expansion procedures, troubleshooting, and maintenance. *310 pgs.*
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3B15 COMPUTER OFF-LINE DIAGNOSTICS REFERENCE MANUAL

Designed for UNIX® System administrators and operators, this manual describes all of the UNIX® System Release 2.1 diagnostics for a 3B15 Computer. Includes an addendum. *460 pgs.*
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3B15 COMPUTER UNIX® SYSTEM V RELEASE 2.1 RELEASE NOTES

This book describes the UNIX® System V Release 2.1 running on the 3B15 Computer. It explains the format and contents of the binary release and includes a detailed set of usage notes and recommendations. *68 pgs.*
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3B15 COMPUTER UNIX® SYSTEM V RELEASE 2.1 SOURCE PACKAGE RELEASE NOTES

This document explains the format, contents, and installation of the optional source code package of UNIX® System V Release 2.1 for the 3B15 Computer. *70 pgs.*
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3B15 COMPUTER UNIX® SYSTEM V RELEASE 2.1 OPERATIONS AND ADMINISTRATION GUIDE

There are 16 chapters, each covering different aspects of the UNIX® System. Topics covered include setting up the UNIX® System, system operations, file systems, line printer spooling and much more. *500 pgs.*
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This book describes warning, status, and error messages with their appropriate actions and references. Includes an addendum. *560 pgs.*
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3B15 COMPUTER UNIX® SYSTEM V RELEASE 2.1 PROGRAMMER'S REFERENCE MANUAL

This manual describes the programming features of a 3B15 Computer. It has four sections: system calls, subroutines, file formats, and miscellaneous facilities. *376 pgs.*
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3B15 COMPUTER REMOTE JOB ENTRY (RJE) GUIDE

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3B15 COMPUTER UNIX® SYSTEM V RELEASE 2.1 USER'S REFERENCE MANUAL

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350 pgs.

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3B15 COMPUTER HIGH-SPEED PRINTER CONTROLLER INTERFACE RELEASE NOTES

This document describes the High-Speed Printer Controller package for UNIX® System V Release 2.1 running on the 3B15 Computer. Instructions for installation and removal are included. *60 pgs.*

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3B15 COMPUTER UNIX® SYSTEM V RELEASE 2.1.1 RELEASE NOTES

This document describes the features of UNIX® System V Release 2.1.1 for the 3B15 Computer and provides installation instructions for binary and source code package users. Information concerning changes in technical data associated with previous releases is also included. *50 pgs.*

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3B2 COMPUTERS

BASIC UNIX® SYSTEM SKILLS AND SIMPLE SYSTEM ADMINISTRATION TRAINING MODULES

This on-line training package has been designed as supplemental training for course UC1033, 3B2 Computer Administration. The module contains two diskettes: disk 1 contains the Instructional Workbench® Software, a group of programs which will deliver the training to your terminal screen and disk 2 contains the two training modules, UNIX® System Skills and Simple System Administration. The Instructional Workbench® Software can be used on any asynchronous terminal supported by the UNIX® System. *6 pgs.*

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3B2 COMPUTER OFF-LINE DIAGNOSTICS MANUAL

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This manual is divided into two sections. The first section covers system dump commands and crash program commands. The second section shows how to use crash program commands to determine the cause of the system problem. This manual is for the experienced 3B2 Computer programmer who is familiar with the UNIX® System kernel program. *62 pgs.*

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This guide provides information to users designing device drivers. Knowledge of the UNIX® System and advanced C coding techniques is required. Includes an addendum. *413 pgs.*

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This book describes the Random Access Memory (RAM) Expansion feature. Little computer experience is needed to install or remove the memory cards. *20 pgs.*

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This manual describes the Expanded Input/Output Capability feature of the 3B2 Computer. To use this manual, one should be familiar with microcomputers, computer devices and the UNIX® System. *40 pgs.*

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3B2 COMPUTER AUTO DIAL MODEM MANUAL

This manual discusses the Automatic Dial (AD) Modem used by the 3B2 Computer and the Basic Networking Utilities. *42 pgs.*

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3B2 COMPUTER INTELLIGENT SERIAL CONTROLLER MANUAL

This manual describes the Intelligent Serial Controller (ISC) feature of the 3B2 Computer. It's for people experienced in using microcomputers, computer devices, and the UNIX® System. Topics covered include: feature design, installation and removal, and testing hardware. *30 pgs.*

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This manual tells the user how to install the Enhanced Ports feature card, set up software, connect peripherals, and troubleshoot the card. Also included is design information such as operating limitations, pinout data, and other feature specifications. Includes addendum. *136 pgs.*

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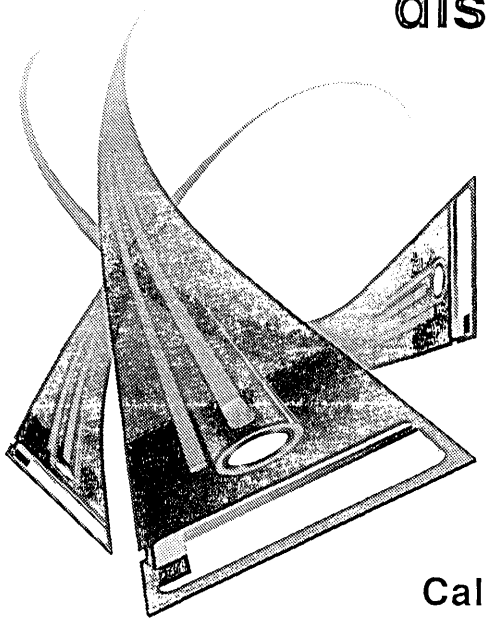

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These three volumes describe the operation, administration, and command syntax of the following thirteen utilities: basic networking, cartridge tape, directory and file management, editing, graphics, help, inter process communication, line printer spooling, performance measurements, security administration, source code control system, spell, and terminal filters. An index referencing the item name, utilities code, chapter number, and page number is given in volume three. *900 pgs.*

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This guide describes the command syntax and use of the System Administration Utilities provided with the 3B2 Computer. Procedures for the administration of the computer are also described. *300 pgs.*

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This guide describes command syntax and use of the Security Administration Utilities provided with the 3B2 Computer. *25 pgs.*

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This document describes the Spell Utilities commands available with the 3B2 Computer. *31 pgs.*

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This guide explains how to use a cartridge tape drive to format a cartridge tape, save copies of files on a cartridge tape, reload saved files from a cartridge tape, obtain information about a cartridge tape, use the cartridge tape as an intermediate device to reorganize a file system, and copy file archives to and from the cartridge tape. The guide describes each command in the package and gives examples of use. In addition, it lists error messages and gives a general recovery procedure. *60 pgs.*

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This reference handbook is designed for people with limited experience using the 3B2 Computer Text Support Package. It shows various files before and after formatting and explains the role of each request or macro in the "input" file. Annotated, concrete examples for *nroff*, *mm*, *tbl*, and *neqn* are provided. *14 pgs.*

310-013 **$12.00**

3B2 COMPUTER TEXT SUPPORT PACKAGE HANDBOOK

This handbook for accomplished users reviews the commands and features of the Text Support Package Software. *30 pgs.*

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3B2 COMPUTER TEXT SUPPORT PACKAGE USER'S GUIDE

This valuable information is needed to operate the Text Support Package programs. Its tutorials show how to use *mm*, a collection of macros used to format letters, reports, memoranda, etc.; *nroff*, a text formatter for typewriter printers and terminals; *tbl*, a program that produces simple and complex tables; and *difmk* and *chckmm* used to check and compare documents. *160 pgs.*

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3B2 COMPUTER TEXT SUPPORT PACKAGE TECHNICAL DISCUSSION AND REFERENCE MANUAL

This manual is divided into three parts. The first part is a technical discussion of the *mm* (Memorandum Macro) package and also covers troubleshooting and error messages. The second part is a technical discussion of *tbl*, a program used to produce simple and complex tables. The third section is a discussion on the text processor, *nroff*. *237 pgs.*

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3B2 COMPUTER REMOTE MANAGEMENT PACKAGE MANUAL

This manual describes the Remote Management Package feature for the 3B2 Computer. It provides information on installing, removing, testing, troubleshooting, administering, operating, and interfacing the Remote Management Package. *85 pgs.*

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3B2/300 COMPUTER READ ME FIRST

This important document details unpacking the carton, checking the contents for missing or damaged items, setting up the hardware, and using the other available documents, manuals, and guides needed for the 3B2 Computer. *35 pgs.*

305-561 **$10.00**

3B2/300 COMPUTER OWNER/OPERATOR MANUAL

This manual describes the set-up and operating procedures for the 3B2/300 Computer. Topics covered include system features, unpacking and setup, operation, troubleshooting, and documentation. Includes an addendum. *146 pgs.*

305-400 **$25.00**

3B2/300 COMPUTER UNIX® SYSTEM V RELEASE 2.0 PROGRAMMER'S REFERENCE MANUAL

This manual is divided into four sections and five subsections: system calls, subroutines, C Programming Language libraries, standard I/O library routines, mathematical library routines, specialized libraries, Fortran Programming libraries, file formats, and miscellaneous facilities. Includes an addendum. *412 pgs.*

305-460 **$40.00**

3B2/300 COMPUTER UNIX® SYSTEM V RELEASE 2.0 USER'S REFERENCE MANUAL

This book features descriptions of the UNIX® System and provides the basic information needed to get started on the UNIX® System: how to log in and log off, how to communicate through the terminal, and how to run a program. Includes an addendum. *284 pgs.*

305-406 **$30.00**

3B2/300 COMPUTER VERTICAL MOUNTING MANUAL

This booklet explains how to connect the 3B2/300 Computer to a vertical stand. *9 pgs.*

305-328 **$2.00**

3B2/300 COMPUTER LETTER QUALITY PRINTER MANUAL

This manual contains the necessary information to connect the KS-23097, L1 Letter Quality Printer to the 3B2 Computer and to make sure the printer is working properly. *39 pgs.*

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3B2/300 COMPUTER DOT MATRIX PRINTER MANUAL

This manual contains the necessary information to connect the KS-23055, L1 Draft Quality Printer to the 3B2 Computer and to make sure the printer is working properly. *31 pgs.*

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3B2 COMPUTER MIGRATION CUSTOMER MANUAL

This manual details the migration of a 3B2/300 Computer to a 3B2/310 Computer. It also describes the procedures performed before and after the migration. *25 pgs.*

305-482 **$10.00**

3B2 COMPUTER MIGRATION TECHNICIAN MANUAL

This document describes how to migrate a 3B2/300 Computer to a 3B2/310 Computer. The manual covers preparation, loading new software releases, replacing system boards, and verifying system operations. *43 pgs.*

305-481 **$10.00**

3B2/310 COMPUTER READ ME FIRST

This document should be read before opening the 3B2/310 Computer. It demonstrates how to unpack the carton, check the contents, and set up the hardware. It also helps the user to understand how to use the other 3B2 documents, manuals, and guides. *38 pgs.*

305-475 **$10.00**

3B2/310 COMPUTER OWNER/OPERATOR MANUAL

This manual describes the standard and optional hardware, software, and firmware, and the key concepts and terminology. *75 pgs.*

305-472 **$25.00**

3B2/400 COMPUTER READ ME FIRST

Read this pamphlet before attempting to use the 3B2/400 Computer. It discusses selecting a location, unpacking, and a roadmap for getting started. *25 pgs.*

305-500 **$5.00**

3B2/400 COMPUTER OWNER/OPERATOR MANUAL

This manual explains how to set up and begin operating a 3B2/400 Computer. This manual should be used only after reading the 3B2/400 Computer Read Me First (305-500). *187 pgs.*

305-501 **$55.00**

3B2/400 COMPUTER UNIX® SYSTEM V RELEASE 2.0 SYSTEM ADMINISTRATOR'S REFERENCE MANUAL

This supplement to the information provided in the 3B2 Computer User Reference Manual (305-511) provides an easy reference volume for those who must administer a UNIX® System. *125 pgs.*

305-512 **$20.00**

3B2/400 COMPUTER UNIX® SYSTEM V RELEASE 2.0 PROGRAMMER'S REFERENCE MANUAL

This manual describes the programming features. It is divided into four sections: system calls, subroutines, file formats, and miscellaneous facilities. *350 pgs.*

305-513 **$35.00**

3B2/400 COMPUTER UNIX® SYSTEM V RELEASE 2.0 USER'S REFERENCE MANUAL

This manual describes all user commands for the 3B2 Computer. *350 pgs.*

305-511 **$30.00**

3B2/400 COMPUTER DUAL DISK UPGRADE MANUAL

This manual describes the procedure for upgrading the 3B2/400 Computer to a dual integral disk configuration. Includes an addendum. *48 pgs.*

305-551 **$40.00**

3B2 COMPUTER UNIX® SYSTEM V RELEASE 2.0 DOCUMENTATION ROADMAP

This manual helps identify documents to use with the 3B2 Computer. It contains a variety of information about each document: title, prerequisites, audience, select code, summary of contents, and relationship to other documents. *125 pgs.*

305-470 **$10.00**

3B2 COMPUTER UNIX® SYSTEM V RELEASE 2.0 OWNER/OPERATOR MANUAL

This manual describes how to set up and operate the 3B2 Computer. It is designed for people who have limited computer experience. The manual discusses security, system administration menus, software utilities packages, and troubleshooting procedures. *85 pgs.*

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3B2 COMPUTER UNIX® SYSTEM V RELEASE 2.0 SYSTEM ADMINISTRATOR'S GUIDE

This guide describes procedures used to administer a 3B2 Computer running on UNIX® System V Release 2.0. It's a quick reference to administrative procedures. *350 pgs.*

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3B2 COMPUTER UNIX® SYSTEM V RELEASE 2.0 SYSTEM ADMINISTRATOR'S REFERENCE MANUAL

This manual supplements the information contained in the User's Reference Manual (305-479) and the Programmer's Reference Manual (305-473) and provides an easy reference volume for those who must administer a UNIX® System. It is divided into three sections: system maintenance commands and application programs, special files, and system maintenance procedures. *250 pgs.*

305-478 **$25.00**

3B2 COMPUTER UNIX® SYSTEM V RELEASE 2.0 PROGRAMMER'S REFERENCE MANUAL

This manual describes the programming features of the UNIX® System. It contains five sections: commands, system calls, subroutines, file formats, and miscellaneous facilities. *350 pgs.*

305-473 **$55.00**

3B2 COMPUTER UNIX® SYSTEM V RELEASE 2.0 USER'S REFERENCE MANUAL

This manual describes the commands that constitute the foundational software running on the 3B2 Computer. *300 pgs.*

305-479 **$35.00**

3B2 COMPUTER UNIX® SYSTEM V RELEASE 2.0 SOURCE CODE CONTROL SYSTEM UTILITIES GUIDE

This guide describes the Source Code Control System (SCCS) available with the 3B2 Computer. It enables the user to easily find desired information without having to read the entire text. *62 pgs.*

305-436 **$5.00**

3B2 COMPUTER UNIX® SYSTEM V RELEASE 2.0 PERFORMANCE MEASUREMENT UTILITIES GUIDE

This guide describes command format and the use of Performance Measurement Utilities. *65 pgs.*

305-434 **$5.00**

3B2 COMPUTER UNIX® SYSTEM V RELEASE 2.0 ADMINISTRATION UTILITIES GUIDE

This guide describes the command syntax and use of the System Administration Utilities provided with the 3B2 Computer. The commands and procedures described in this guide are for advanced users. Includes an addendum. *425 pgs.*

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3B2 COMPUTER UNIX® SYSTEM V RELEASE 2.0 SECURITY ADMINISTRATION UTILITIES GUIDE

This guide describes command syntax and use of the Security Administration Utilities provided with the 3B2 Computer. Includes an addendum. *47 pgs.*

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3B2 COMPUTER UNIX® SYSTEM V RELEASE 2.0 BASIC NETWORKING UTILITIES GUIDE

This guide describes the operation, administration, and command syntax of the Basic Networking Utilities. It enables the user to easily find information without having to read the entire text. *75 pgs.*

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3B2 COMPUTER UNIX® SYSTEM V RELEASE 2.0 ADVANCED PROGRAMMING UTILITIES RELEASE NOTES

These notes contain information about the Advanced Programming Utilities (APU). It lists the software features and installation procedures, new features, improvements, compatibility, and documentation for the APU. *75 pgs.*

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3B2 COMPUTER UNIX® SYSTEM V RELEASE 2.0 EDITING UTILITIES GUIDE

This guide describes the command syntax and use of the Editing Utilities. *4 pgs.*

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3B2 COMPUTER UNIX® SYSTEM V RELEASE 2.0 DIRECTORY AND FILE MANAGEMENT UTILITIES GUIDE

This guide describes command syntax and use of the Directory and File Management Utilities provided with the 3B2 Computer. Includes an addendum. *166 pgs.*

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3B2 COMPUTER UNIX® SYSTEM V RELEASE 2.0 GRAPHICS UTILITIES GUIDE

This guide describes command syntax and use of the Graphics Utilities available with the 3B2 Computer. The numerical and graphical commands described in this guide are used to construct and edit numerical data plots and hierarchical charts. *75 pgs.*

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This guide describes command syntax and use of the User Environment Utilities available with the 3B2 Computer. *99 pgs.*

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This guide describes command syntax and use of the Help Utilities provided with the 3B2 Computer. The commands and procedures described are for users who need assistance in using the UNIX® System. *75 pgs.*
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This guide describes the Terminal Information Utilities available with the 3B2 Computer. Includes an addendum. *91 pgs.*
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This general information on Kernel Source includes procedures for installing and removing software, for building a new kernel, and for building new boot programs. *12 pgs.*
305-540 **$10.00**

3B2 COMPUTER UNIX® SYSTEM V RELEASE 2.0.5 RELEASE NOTES

These notes contain sample terminal displays that help the user understand the described procedures for upgrading, removing and installing utilities, and observing the directory structure and files of utilities. *100 pgs.*
305-397 **$20.00**

3B2 COMPUTER UNIX® SYSTEM V RELEASE 2.1 SOURCE CODE PROVISION RELEASE NOTES

These notes are intended to accompany the source code tape. It explains installing and building the system on a 3B2 Computer and offers a view of the directory structure and a list of all source files in tape sequence. *100 pgs.*
305-480 **$15.00**

3B2/300 COMPUTER UNIX® SYSTEM V RELEASE 2.1 OWNER/OPERATOR MANUAL

This manual describes how to use the 3B2/300 Computer with its standard hardware and software. In addition, many optional features such as networking are described. This manual is for both experienced and inexperienced users. *170 pgs.*
305-533 **$40.00**

Directory to AT&T Computer Products and Services

Account Executives for 3B Computers, PCs and ISN
1-800-247-1212

UNIX® Source Code Licensing
1-800-828-8649

UNIX® Courses and Training
1-800-221-1647

National Part Center
1-800-222-7278

Documentation
1-800-432-6600

Computer Hotlines

3B20 Simplex & Duplex
1-800-222-9333

All Other Computers
1-800-922-0354

3B2 COMPUTER UNIX® SYSTEM V RELEASE 3.0 PRODUCT OVERVIEW

The software and documentation available for UNIX® System Release 3.0 for the 3B2 Computer are described. It is directed toward users interested in buying a 3B2 Computer or upgrading their existing one to Release 3.0. *45 pgs.*
305-556 **$5.00**

3B2 COMPUTER UNIX® SYSTEM V RELEASE 3.0 RELEASE NOTES

Information on how to install utility packages and upgrade from a previous release is provided. There is also a list of new documents. *118 pgs.*
305-557 **$20.00**

3B2 COMPUTER UNIX® SYSTEM V RELEASE 3.0 DOCUMENTATION ROADMAP

The roadmap acquaints the user with the documents available for the 3B2 Computer. It helps the user understand the differences between the documents and identifies the necessary document for a particular task. *175 pgs.*
305-555 **$10.00**

3B2 COMPUTER UNIX® SYSTEM V RELEASE 3.0 SYSTEM ADMINISTRATOR'S GUIDE

This helpful guide provides clear instructions on how, when, and why to do administrative tasks. Shell scripts are suggested that can help automate some tasks. *350 pgs.*
305-558 **$45.00**

3B2 COMPUTER UNIX® SYSTEM V RELEASE 3.0 SYSTEM ADMINISTRATOR'S REFERENCE MANUAL

This book describes the UNIX® System commands used by system administrators and includes a permuted index to the command names prepared from a one line description of each command. Includes an addendum. *594 pgs.*
305-559 **$60.00**

3B2 COMPUTER UNIX® SYSTEM V RELEASE 3.0 REMOTE FILE SHARING UTILITIES RELEASE NOTES

These notes describe installing the Remote File Sharing Utilities. *45 pgs.*
307-224 **$5.00**

3B2 COMPUTER UNIX® SYSTEM V RELEASE 3.0 NETWORKING SUPPORT UTILITIES RELEASE NOTES

These notes describe installing the Networking Support Utilities. *20 pgs.*
307-233 **$5.00**

3B2 COMPUTER UNIX® SYSTEM V RELEASE 3.0 C PROGRAMMING LANGUAGE UTILITIES & ADVANCED PROGRAMMING UTILITIES PRODUCT OVERVIEW

This manual gives general information about components and features of the C Programming Language Utilities (CPLU) and the Advanced Programming Utilities (APU), software dependencies, storage requirements, and documentation. *15 pgs.*

307-182 **$5.00**

3B2 COMPUTER UNIX® SYSTEM V RELEASE 3.1 PRODUCT OVERVIEW

This manual describes the software and documentation available for UNIX® System V Release 3.1 as packaged for the 3B2 Computer. It is an overview of the key components, benefits, features, descriptions, and documentation. *50 pgs.*

305-563 **$15.00**

3B2 COMPUTER UNIX® SYSTEM V RELEASE 3.1 RELEASE NOTES

This important information about UNIX® System V Release 3.1 on the 3B2 Computer describes and summarizes the new features of this release. Information on how to upgrade from earlier releases of UNIX® System V is provided along with software notes. Information on how to change from a single disk to a dual disk system, upgrading and installation information, and compatibility notes are also included. *170 pgs.*

305-565 **$20.00**

3B2 COMPUTER UNIX® SYSTEM V RELEASE 3.1 DOCUMENTATION ROADMAP

This document describes the 3B2 Computer hardware, software, documentation, and optional training and support. It also helps in selecting documents to perform a particular task. *100 pgs.*

305-564 **$10.00**

3B2 COMPUTER UNIX® SYSTEM V RELEASE 3.1 SYSTEM ADMINISTRATOR'S GUIDE

This guide describes the procedures used in the administration of the 3B2 Computer running UNIX® System V Release 3.1. It provides clear instructions on performing UNIX® System functions, background information, and a quick reference to administrative procedures. *425 pgs.*

305-569 **$50.00**

3B2 COMPUTER UNIX® SYSTEM V RELEASE 3.1 SYSTEM ADMINISTRATOR'S REFERENCE MANUAL

This manual describes the commands, file formats, and miscellaneous facilities used for administration of the 3B2 Computer. *345 pgs.*

305-570 **$40.00**

3B2 COMPUTER UNIX® SYSTEM V RELEASE 3.1 OWNER/OPERATOR MANUAL

Even an inexperienced user can understand this explanation of setting up and operating the 3B2 Computer using UNIX® System V Release 3.1. *175 pgs.*

305-461 **$65.00**

WE® 32100 MICROPROCESSORS

WE® 32100 MICROPROCESSOR UNIX® SYSTEM V RELEASE 2.1 PRODUCT OVERVIEW

This book describes the software and documentation available for UNIX® System V Release 2.1 as packaged for the WE® 32100 Microprocessor. This is for both current and potential users building a system on the WE® 32100 Microprocessor chip set. *33 pgs.*

307-710 **$17.80**

WE® 32100 MICROPROCESSOR UNIX® SYSTEM V RELEASE 2.1 RELEASE NOTES

These notes contain important information about the new features and installation of UNIX® System V Release 2.1 for the WE® 32100 Microprocessor. They also describe the known problems with UNIX® System V Release 2.1 and their solutions along with a list of the Release 2.1 documents. *31 pgs.*

307-711 **$27.00**

WE® 32100 MICROPROCESSOR INFORMATION MANUAL

This information on the WE® 32100 Microprocessor is essential to computer designers, software architects, and system design engineers. Chapters include an introduction as well as information about registers, data, and instruction formats, signal descriptions, bus operations, instruction set and addressing modes, and operating system considerations. *340 pgs.*

307-730 **$17.95**

UNIX® SYSTEM V/VME

UNIX® SYSTEM RELEASE 2.1 V/VME PRODUCT OVERVIEW

This overview describes the software and documentation available for UNIX® System V/VME Release 2.1. Topics covered are the structure, components, and benefits of the UNIX® System, and descriptions of each utility package. *24 pgs.*

307-781 **$7.50**

UNIX® SYSTEM RELEASE 2.1 V/VME DOCUMENTATION ROADMAP

This roadmap helps the user learn how documents are related to one another and how to identify the document needed for a particular task. It contains information on documents delivered with the computer, optional documents that can be ordered, and documents associated with other add-on products. *111 pgs.*

307-782 **$20.00**

UNIX® SYSTEM RELEASE 2.1 V/VME SYSTEM ADMINISTRATOR'S GUIDE

This guide describes procedures used in the administration of a computer running the UNIX® V/VME Release 2.1 System. The guide gives instructions on performing the administrative tasks of a UNIX® System, explains when and why these tasks are desirable, and serves as a quick reference to administrative procedures. *350 pgs.*

307-784 **$35.00**

UNIX® SYSTEM RELEASE 2.1 V/VME PROGRAMMER'S REFERENCE MANUAL

This manual describes the programming features of the UNIX® System. It is divided into the five following sections: commands, system calls, subroutines, file formats, and miscellaneous facilities. *500 pgs.*

307-788 **$35.00**

UNIX® SYSTEM RELEASE 2.1 V/VME DEMON DEBUG MONITOR GUIDE

This discussion of the Debug Monitor (DEMON) feature describes the installation, removal, and use of the Debug Monitor and gives examples to support it. *170 pgs.*

307-773 **$40.00**

UNIX® SYSTEM RELEASE 2.1 V/VME DRIVER DESIGN GUIDE

This guide provides information to users designing device drivers. It assumes that the user knows how the UNIX® System works and knows advanced C Programming techniques.

135 pgs.
307-771 **$35.00**

UNIX® SYSTEM RELEASE 2.1 V/VME TUNING AND CONFIGURATION GUIDE

This document is used by UNIX® System administrators and application designers who need to tune their UNIX® Systems. Topics covered are the quest for maximum performance from the UNIX® System, the use of its performance tools, troubleshooting, and capacity planning. *45 pgs.*
307-786 **$15.00**

UNIX® SYSTEM RELEASE 2.1 V/VME USER'S REFERENCE MANUAL

This manual describes the commands that constitute the foundational software. *340 pgs.*
307-790 **$30.00**

UNIX® SYSTEM RELEASE 2.1 V/VME OEM PORTING MANUAL

This manual focuses on the special considerations involved when interfacing a new VME device with the WE®321SB VMEbus Single Board Computer. It is directed toward experienced developers requiring information on how the UNIX® VMEbus System is structured. *88 pgs.*
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MOTOROLA UNIX® PROCESSORS

DEC™ PROCESSORS UNIX® SYSTEM V RELEASE 1.2 SOFTWARE INFORMATION BULLETIN

These maintenance updates will execute on the following systems: VAX®11/780 and 11/750 microcomputers and PDP® 11/70 minicomputers. *24 pgs.*
301-949 **$20.00**

DEC™ PROCESSORS UNIX® SYSTEM V RELEASE 2.0 RELEASE DESCRIPTION

This is a feature release for DEC™ processors. The following features are described: paging, Fortran 77 enhancements, record and file locking, and security administration package.*9 pgs.*
307-031 **$10.00**

DEC™ PROCESSORS UNIX® SYSTEM V RELEASE 2.0 MACHINE READABLE DOCUMENTATION RELEASE NOTES

This release describes the source for the UNIX® System V Release 2.0 DEC™ documentation. The installation and formatting procedures required to process the documentation are presented. *31 pgs.*
307-050 **$20.00**

VAX® 11/750 AND 11/780 PROCESSORS UNIX® SYSTEM V RELEASE 2.0 INSTALLATION GUIDE AND RELEASE NOTES

This guide provides information on the installation, use, and the documentation available for the UNIX® System V Release 2.0. A release format and performance data are also included. *21 pgs.*
307-041 **$10.00**

DEC™ PROCESSORS UNIX® SYSTEM V RELEASE 2.0 ADMINISTRATOR'S GUIDE

This collection of information is needed to administer and maintain the software integrity of the UNIX® System on DEC™ Processors. The guide contains administrative advice, instructions on setting up the UNIX® System and the accounting system, file system checking (FSCK), LP spooling system, remote job entry system (RJE), system activity package, and UNIX® System to UNIX® System copy (UUCP). *95 pgs.*
307-101 **$20.00**

DEC™ PROCESSORS UNIX® SYSTEM V RELEASE 2.0 ADMINISTRATOR'S REFERENCE MANUAL

This reference volume is written for administrators of a UNIX® System on DEC™ Processors. It contains system maintenance commands and application programs, special files and device driver information, facility descriptions and software maintenance procedures. *250 pgs.*
307-111 **$25.00**

DEC™ PROCESSORS UNIX® SYSTEM V RELEASE 2.0 ERROR MESSAGE REFERENCE MANUAL

This manual provides information about the operating system error messages that may be displayed on the system terminal of DEC™ Processors. This manual contains message type, message description, suggested corrective action, and reference to message origin. *81 pgs.*
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DEC™ PROCESSORS UNIX® SYSTEM V RELEASE 2.0 OPERATOR'S GUIDE

Operator information used during normal system operations for DEC™ Processors is included as well as information on console terminal usage, start-up procedures, typical instructions for operators, file save and restore procedures, system shut-down procedures, and system crash recovery.

43 pgs.
307-102 **$15.00**

DEC™ PROCESSORS UNIX® SYSTEM V RELEASE 2.0 PROGRAMMER'S REFERENCE MANUAL

This manual provides programmers with information for using the UNIX® System on DEC™ Processors. This manual contains information on system calls, library functions and subroutines, file formats, and miscellaneous facilities. *265 pgs.*
307-113 **$25.00**

DEC™ PROCESSORS UNIX® SYSTEM V RELEASE 2.0 USER'S REFERENCE MANUAL

This manual describes the features of the UNIX® System as well as the commands, application programs, and games provided by the software.

350 pgs.
307-109 **$30.00**

DEC™ PROCESSORS UNIX® SYSTEM V RELEASE 2.0 BASIC NETWORKING INSTALLATION GUIDE AND RELEASE NOTES

This guide details the installation of the UNIX® System V Basic Networking Utilities (BNU) package. The procedures for both first time installation and an upgraded installation are given. *24 pgs.*
307-036 **$10.00**

NATIONAL SEMICONDUCTOR CORPORATION 32000 PROCESSORS UNIX® SYSTEM V SUPPLEMENT

This document is a group of changes and supplements to the existing documentation for the National Semiconductor Corporation and should be included in the complete set. *75 pgs.*
307-614 **$25.00**

NATIONAL SEMICONDUCTOR CORPORATION 32000 PROCESSORS UNIX® SYSTEM V RELEASE 2.0 PRODUCT OVERVIEW

This booklet provides a detailed description of the features available with the UNIX® System V Release 2.0 SYS32™ Development System Version 1 (SVR2V1). *28 pgs.*
307-610 **$15.00**

NATIONAL SEMICONDUCTOR CORPORATION 32000 PROCESSORS UNIX® SYSTEM V RELEASE 2.0 ADMINISTRATOR'S GUIDE

This guide is a reference volume for those who administer a UNIX® System on the SYS32™ Development System. The guide should be used to supplement the information contained in the UNIX® System V User Reference Manual (307-615), the UNIX® System V Programmer Reference Manual (307-617), and the UNIX® System V Administrator Reference Manual (307-616). *150 pgs.*
307-612 **$55.00**

NATIONAL SEMICONDUCTOR CORPORATION 32000 PROCESSORS UNIX® SYSTEM V RELEASE 2.0 ADMINISTRATOR'S REFERENCE MANUAL

This manual supplements the information contained in the UNIX® System V User Reference Manual (307-615) and provides an easy reference volume for those who administer a UNIX® System. Only those commands and descriptions appropriate for system administrators have been included. *150 pgs.*
307-616 **$50.00**

NATIONAL SEMICONDUCTOR CORPORATION 32000 PROCESSORS UNIX® SYSTEM V RELEASE 2.0 ERROR MESSAGE REFERENCE MANUAL

This manual provides a description of all UNIX® System V Release 2.0 SYS32™ Development System error messages along with appropriate actions and references for each. Many of the error message entries refer to the system description file and its contents. *51 pgs.*
307-618 **$40.00**

NATIONAL SEMICONDUCTOR CORPORATION 32000 PROCESSORS UNIX® SYSTEM V RELEASE 2.0 OPERATOR'S GUIDE

This guide is a description of console operations and step-by-step instructions for normal operator duties on the SYS32™ Development System. It is intended for experienced UNIX® System operators. *40 pgs.*
307-613 **$35.00**

NATIONAL SEMICONDUCTOR CORPORATION 32000 PROCESSORS UNIX® SYSTEM V PROGRAMMER'S REFERENCE MANUAL

This manual describes the programming features of the UNIX® System. It is divided into four sections: system calls, subroutines, file formats, and miscellaneous facilities. *300 pgs.*
307-617 **$55.00**

NATIONAL SEMICONDUCTOR CORPORATION 32000 PROCESSORS UNIX® SYSTEM V USER'S REFERENCE MANUAL

This manual describes the features of the UNIX® System. It also describes programs intended to be invoked directly by the user or by command language procedures. *250 pgs.*
307-615 **$55.00**

M68000 PROCESSORS UNIX® SYSTEM V RELEASE 1.0 SYSTEM RELEASE DESCRIPTION

This document is a current listing of the UNIX® System features. It provides an overall description of the UNIX® System and describes the system performance improvements, new documentation, and transitional information. *195 pgs.*
301-996 **$10.00**

M68000 PROCESSORS UNIX® SYSTEM V RELEASE 1.0 SOFTWARE RELEASE DESCRIPTION

This document provides a Software Generation System component list, a release documentation list, ordering information, and technical tips. *8 pgs.*
308-143 **$10.00**

M68000 PROCESSORS UNIX® SYSTEM V RELEASE 1.0 ADMINISTRATOR'S GUIDE

This guide is a reference volume for those who administer a UNIX® System. Topics covered include administrative advice, setting up the UNIX® System, system accounting, customer support and much more. *215 pgs.*
301-995 **$45.00**

M68000 PROCESSORS UNIX® SYSTEM V RELEASE 1.0 SOFTWARE HANDBOOK

These installation instructions for the host processors include an assembler reference manual and user command information for the components of the Software Generation System. *96 pgs.*
308-140 **$30.00**

M68000 PROCESSORS UNIX® SYSTEM V RELEASE 2.0 PRODUCT OVERVIEW

This product overview describes the feature updates and improvements of the UNIX® System V/M 68000 Release 2.0 Version 1. *38 pgs.*
307-720 **$10.00**

M68000 PROCESSORS UNIX® SYSTEM V RELEASE 2.0 RELEASE NOTES

This document contains information concerning problem areas in UNIX® System V/M 68000 Release 2.0 Version 1. It also identifies changes from earlier UNIX® System releases and provides a list of available documentation. *32 pgs.*
307-721 **$20.00**

M68000 PROCESSORS UNIX® SYSTEM V RELEASE 2.0 ADMINISTRATOR'S GUIDE

This guide is a reference volume for those who administer UNIX® System V/M 68000 Release 2.0 Version 1. It's a supplement to information contained in the User's Reference Manual (307-725), Programmer's Reference Manual (307-727), and Administrator's Reference Manual (307-726). *350 pgs.*
307-722 **$40.00**

M68000 PROCESSORS UNIX® SYSTEM V RELEASE 2.0 ADMINISTRATOR'S REFERENCE MANUAL

This manual supplements the information contained in the UNIX® System V User's Reference Manual (307-725) and provides an easy reference volume for those who administer a UNIX® System V/M 68000. *522 pgs.*
307-726 **$35.00**

M68000 PROCESSORS UNIX® SYSTEM V RELEASE 2.0 ERROR MESSAGE REFERENCE MANUAL

This manual describes all UNIX® System V/M 68000 Release 2.0 error messages along with the appropriate actions and references for each. *44 pgs.*
307-728 **$25.00**

M68000 PROCESSORS UNIX® SYSTEM V RELEASE 2.0 OPERATOR'S GUIDE

This guide contains background information and working guidelines for operators of EXORmacs™ Systems, VM03 Systems, or VME/10 Microcomputer Systems. *54 pgs.*
307-723 **$25.00**

M68000 PROCESSORS UNIX® SYSTEM V RELEASE 2.0 PROGRAMMER'S REFERENCE MANUAL

This reference document describes the commands, facilities, and features of UNIX® System V/M 68000. It is divided into four sections: system calls, subroutines, file formats, and miscellaneous routines. *490 pgs.*
307-727 **$45.00**

M68000 PROCESSORS UNIX® SYSTEM V RELEASE 2.0 SUPPORT TOOLS SUPPLEMENT GUIDE

This guide describes the various software tools that provide added dimension to the basic UNIX® System V/M 68000 Software commands. Topics covered include maintaining computer programs (*make*), augmented version of *make*, the *awk* programming language, desk calculator language (*bc*), and much more. *54 pgs.*
307-729 **$20.00**

M68000 PROCESSORS UNIX® SYSTEM V RELEASE 2.0 USER'S REFERENCE MANUAL

This reference document describes the commands, facilities, and features of UNIX® System V/M 68000. It is divided into two sections. The commands and application programs section describes programs invoked directly by the user or by command language procedures. The games section describes the games and educational programs that reside in the directory */usr/games*. *440 pgs.*
307-725 **$45.00**

iAPX 286™PROCESSORS UNIX® SYSTEM V RELEASE 2.0 ADMINISTRATOR'S GUIDE

This is a reference volume for those who administer a UNIX® System on INTEL processors. The guide should be used to supplement the information contained in the UNIX® System V User Reference Manual (307-625), the UNIX® System V Programmer Reference Manual (307-627), and the UNIX® System V Administrator Reference Manual (307-626). Includes an addendum. *228 pgs.*
307-622 **$70.00**

iAPX 286™PROCESSORS UNIX® SYSTEM V RELEASE 2.0 ADMINISTRATOR'S REFERENCE MANUAL

This manual supplements the information contained in the UNIX® System V User's Reference Manual (307-625) and provides an easy reference volume for those who administer a UNIX® System. It has three sections: system maintenance commands and application programs, special files, and system maintenance procedures. Includes an addendum. *165 pgs.*
307-626 **$65.00**

iAPx 286™ PROCESSORS UNIX® SYSTEM V RELEASE 2.0 PROGRAMMER'S REFERENCE MANUAL

This manual describes the programming features of the UNIX® System. It is divided into four sections: system calls, subroutines, file formats, and miscellaneous facilities. Includes an addendum. *717 pgs.*
307-627 **$75.00**

iAPX 286™PROCESSORS UNIX® SYSTEM V RELEASE 2.0 USER'S REFERENCE MANUAL

This manual describes the features of the UNIX® System as they pertain to the INTEL Processors. Sections include commands and application programs, general purpose commands, communications commands, and graphics commands. *470 pgs.*
307-625 **$70.00**

ZILOG™ 8000 (Z8000) UNIX® SYSTEM V RELEASE 1.0 SYSTEM RELEASE DESCRIPTION

This release description contains a current list of the System V features and current information on documentation and transitional (System III to System V) concerns. *240 pgs.*
301-998 **$40.00**

ZILOG™ 8000 (Z8000) UNIX® SYSTEM V RELEASE 1.0 ADMINISTRATOR'S GUIDE

This guide is a reference volume for those who administer a UNIX® System. The sections in this guide cover administrative advice, setting up the UNIX® System, UNIX® System accounting, plus many other sections that are very significant to the Z8000 user. *215 pgs.*
301-997 **$45.00**

GUIDES TO AT&T'S INFORMATION SYSTEMS PRODUCTS AND SERVICES SERIES: COMPUTER SYSTEMS

This guide describes AT&T's broad range of computers, their peripherals, and how they can be connected into networks and linked with mainframes. *168 pgs.*
500-728 **$40.00**

SMALL COMPUTER SYSTEM INTERFACE (SCSI) DEFINITION

This manual defines how AT&T implements the Small Computer System Interface (SCSI) bus. It can be used to develop hardware and firmware products compatible with the AT&T implementation of SCSI. *385 pgs.*
305-013 **$75.00**

3B2 COMPUTER SMALL COMPUTER SYSTEM INTERFACE (SCSI) RELEASE NOTES

This manual includes descriptions of each utility, files and directories in each utility, and software and individual SCSI peripherals notes. Also included are SCSI Manual pages to be inserted in the 3B2 Computer Reference Manual. These pages support the new commands and existing modified commands. *90 pgs.*
305-348 **$10.00**

3B2 COMPUTER SMALL COMPUTER SYSTEM INTERFACE (SCSI) OPERATIONS MANUAL

This manual provides information on the administration and operation of the 3B2 Small Computer System Interface (SCSI). *175 pgs.*
305-012 **$30.00**

3B2 COMPUTER SMALL COMPUTER SYSTEM INTERFACE (SCSI) INSTALLATION MANUAL

This document describes how to add the Small Computer System Interface (SCSI) feature and SCSI peripherals to the 3B2 Computer. *165 pgs.*
305-011 **$30.00**

UNIX® SYSTEM V INTERACTIVE PLANNING WORKSTATION SOFTWARE RELEASE DESCRIPTION

This booklet is an overview of the Interactive Planning Workstation (IPWS) in a UNIX® System based workstation. It supports interactive planning and other complex decision making tasks. *36 pgs.*
308-183 **$10.00**

UNIX® SYSTEM V INTERACTIVE PLANNING WORKSTATION ADMINISTRATOR'S GUIDE

This guide discusses the Interactive Planning Workstation (IPWS) in a UNIX® based system. It describes the IPWS's ability to manipulate data and generate interactive color graphic displays using a menu oriented interface. *145 pgs.*
308-182 **$35.00**

UNIX® SYSTEM V INTERACTIVE PLANNING WORKSTATION REFERENCE MANUAL

This manual describes the Interactive Planning Workstation in a UNIX® System and how it supports interactive planning and other complex decision making tasks. *143 pgs.*
308-181 **$45.00**

UNIX® SYSTEM V INTERACTIVE PLANNING WORKSTATION USER'S GUIDE

This manual describes the features available in the Interactive Planning Workstation (IPWS). *152 pgs.*
308-180 **$45.00**

PC WORKGROUP SYSTEM APPLICATION INSTALLATION GUIDE

This information assists in the installation of applications on the remote drive so they can be used on the PC Workgroup System. This includes specific procedures for installing several popular DOS programs on the PC Workgroup System. *50 pgs.*
308-052 **$110.00**

PC WORKGROUP SYSTEM ADMINISTRATOR'S GUIDE

These step-by-step procedures are needed to effectively maintain the PC Workgroup System. It is organized so the user can quickly find the needed information. *350 pgs.*
308-043 **$275.00**

PC WORKGROUP SYSTEM USER'S GUIDE

This guide describes, step-by-step, the procedures necessary to use the PC Workgroup System. *290 pgs.*
308-042 **$55.00**

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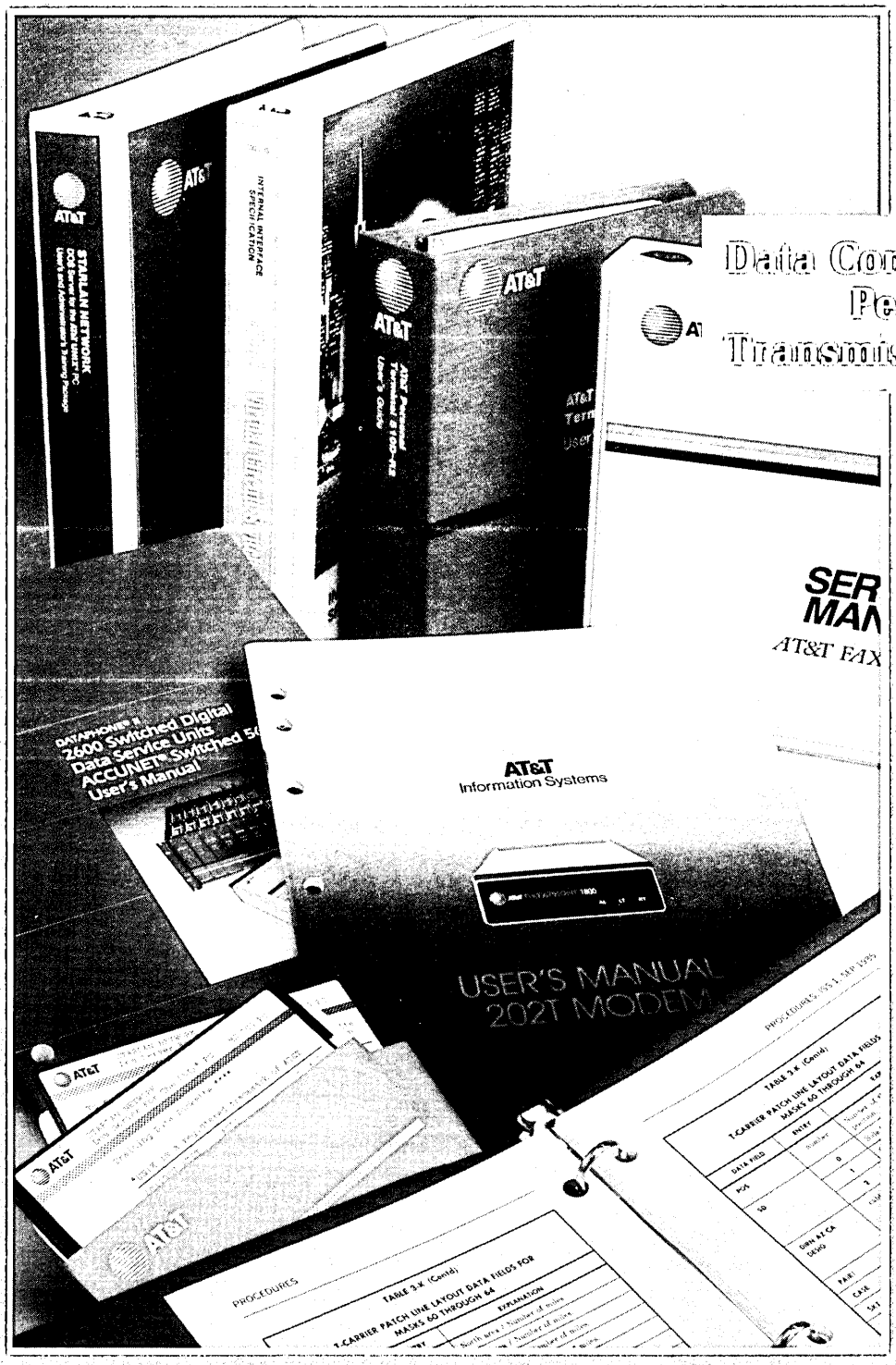
This information is needed to operate the Frame Creation System (FCS) and create and store images. It includes procedures necessary to implement the FCS features. *383 pgs.*
330-003 **$262.00**

FRAME CREATION SYSTEM SERIES 300 INSTALLATION AND MAINTENANCE GUIDE

This supplement to the Technical Manual (330-004) and the Operator's Reference Guide (330-003) provides installation and maintenance procedures, technical specifications, diagnostic software, and a parts and components list for the Frame Creation System. *150 pgs.*
330-005 **$83.60**

FRAME CREATION SYSTEM SERIES 300 TECHNICAL MANUAL

This manual is for the system administrator or other technically qualified persons who install and maintain the Frame Creation System. The manual also contains information necessary to implement host communication. *320 pgs.*
330-004 **$178.00**



Data Communications Peripherals and Transmission Systems

GENERAL DATA COMMUNICATIONS

GUIDES TO AT&T'S INFORMATION SYSTEMS PRODUCTS AND SERVICES SERIES: DATA COMMUNICATIONS EQUIPMENT

This guide describes AT&T's extensive line of modems, data service units, multiplexers, and network management systems. *200 pgs.*

500-730 **$30.00**

DATA SERVICES REFERENCE HANDBOOK - VOLUMES 1 TO 5

This handbook furnishes the telephone company craft employee with a practical field manual. The book is comprised of information pertaining to the description, installation, and maintenance of voice bandwidth data sets and associated data auxiliary apparatus. *1250 pgs.*

325-093 **$106.00**

DATA SERVICES TRANSMISSION REQUIREMENTS AND DATA TEST SETS

The objective of this Field Maintenance Practice (FMP) is to furnish the special services, central office, and other field forces with information concerning voice bandwidth data transmission requirements and measurement techniques. *375 pgs.*

325-036 **$9.70**

D5 DIGITAL TERMINAL SYSTEM PRODUCT DESCRIPTION AND TECHNICAL SPECIFICATION

This document is a reference guide for system planners, engineers, product line management representatives, and system owners. The guide describes the D5 System with Generic 1.1 software and specifies its operating characteristics. Its purpose is to serve as an owner's guide by delineating the specifications of the D5 System. *90 pgs.*

500-993 **$96.80**

999-100-189 - 551 T1 CHANNEL SERVICE UNIT USER'S MANUAL

This manual provides the information needed to install, operate, and test the 551 T1 Channel Service Unit. A brief description of how the 551 T1 operates is provided. This manual is intended for those who understand data communications in general. Includes an addendum. *21 pgs.*

910-189 **$5.00**

DIGITAL MULTIPLEXED INTERFACE (DMI) TECHNICAL SPECIFICATION

This document describes the Digital Multiplexed Interface (DMI). It presents features, physical layer, signaling, and data formatting information needed to properly operate the DMI. *310 pgs.*

500-029 **$100.00**

999-300-195IS INTRODUCTION TO PROTOCOL CONVERTERS

This document helps the user decide which AT&T Protocol Converter best fits their needs. *70 pgs.*

930-195 **$25.60**

999-700-300IS MODULAR PROCESSOR DATA MODULE USER'S GUIDE

This guide provides a physical description and option information. Procedures for operating, testing, installing, and maintaining the Modular Processor Data Module (MPDM) in stand-alone mountings and multiple mountings are also included. This guide is intended for trained personnel who understand data communication requirements in general and understand the operation of the AT&T System 75 or AT&T System 85 in particular. *40 pgs.*

970-300 **$5.00**

999-300-151AB COMM-STOR® II COMMUNICATIONS STORAGE UNIT WITH 8A1/8B1 PROTOCOL OPTION

This loose leaf booklet provides information for configuring, installing, and operating the Comm-Stor® II Communications Storage Unit equipped with the 8A1/8B1 protocol option. *10 pgs.*

930-151 **$24.20**

999-300-129IS 6500 CABLE INSTALLATION GUIDE

This document provides installation instructions for Electronic Industry Association (EIA) cables and Standard Serial Interface (SSI) cables for 6500 Systems. This includes all wiring between station controller and peripherals, and station controller and modems. *94 pgs.*

930-129 **$13.60**

DATAKIT® VCS

DATAKIT VCS INTERNAL INTERFACE SPECIFICATION

This document is the protocol specification for the Universal Receiver Protocol (URP). It describes a model URP Transmitter, and the requirements for communicating with an URP Receiver. It is to be used when developing an URP implementation that will communicate correctly with other Datakit VCS interfaces (e.g. hosts, terminals, etc.). Includes an addendum. *203 pgs.*

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DATAKIT VCS INTERFACE INSTALLATION AND ADMINISTRATION GUIDE

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DATAPHONE®

999-102-150 DATAPHONE® DIGITAL SERVICE 500B DATA SERVICE UNIT

This manual provides the information needed to install, operate, and test the 500B Data Service Unit (DSU). Operating procedures are limited to the use of the test switch and lights. A brief functional description of how the DSU operates is provided. *24 pgs.*

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999-100-193 DATAPHONE® II 2048T MODEM USER'S MANUAL

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This manual is written for those who use Dataphone® II Modems. Included in this guide are descriptions of the lamps, displays, and controls, how to clear faults, control modem operations, and much more. *119 pgs.*

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999-100-194 DATAPHONE® II 2096T MODEM USER'S MANUAL

This manual is written for managers, technicians, and others who must install, operate, and maintain the 2096T Modem. It describes the features and capabilities of the Dataphone® II 2096T Modem. *29 pgs.*

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999-100-250 DATAPHONE® II 2144A MODEM USER'S MANUAL

This manual describes the features and capabilities of the Dataphone® II 2144A Modem. It is for anyone who installs, operates, and/or maintains this modem. Includes an addendum. *79 pgs.*

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999-100-198IS DATAPHONE® II 2212C MODEM USER'S MANUAL

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999-100-199IS DATAPHONE® II 2212D MODEM USER'S MANUAL

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This manual provides information on the description, operation, installation, and testing of the Dataphone® II 2248 Stand-Alone Modem. It is targeted toward managers, technicians, secretaries, and other users who must operate and install the modem.

210 pgs.

912-252 **$38.20**

999-101-252IS DATAPHONE® II 2248 MODEM AND MULTIPLE MOUNTING INSTALLATION MANUAL

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120 pgs.

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999-100-196 DATAPHONE II 2600 SERIES DATA SERVICE UNITS USER'S MANUAL

This manual written for users, technicians, and managers explains how to operate, install, and service the Data Service Units (DSUs). It gives a description of the product, options and addressing as well as procedures for installation, operation, and removal.

187 pgs.

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This manual contains the procedures required to physically install and make electrical connections to the Dataphone® II Series 700 T-MUX.

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75 pgs.

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911-207 **$31.00**

999-100-207 DATAPHONE® II NETWORK CONTROLLER SOFTWARE, VERSION 2.8B USER'S MANUAL

This manual provides a description of the Dataphone® II Network Controller Software and the modem operation. It contains information for the user about testing, troubleshooting, commands, routines, operation, and other areas necessary to operate the network. *133 pgs.*

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999-100-235IS DATAPHONE® II SERIES 700 NETWORKER REFERENCE MANUAL

This manual provides a reference for the features and procedures of the Dataphone® II Series 700 Networker. It is to be used with the User's Manual (910-234) and the Service Manual (959-205). *150 pgs.*

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999-100-234IS DATAPHONE® II SERIES 700 NETWORKER USER'S MANUAL

This manual describes the applications, switching features, and link features of the Dataphone® II Series 700 Networker. *145 pgs.*

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This manual describes how Dataphone® II Multiplexers, such as a software controlled T1-MUX, fit into the diagnostic system. *20 pgs.*

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999-100-253 DATAPHONE® II SYSTEM CONTROLLER MODEL 300 USER'S MANUAL

This manual is written for Dataphone® II, Level IV administrators and all other individuals who work with the System Controller. The purpose of the manual is to familiarize the user with the capabilities and features of Level IV. *97 pgs.*

910-253 **$352.00**

592-040-605IS DATAPHONE® II SERIES 700 NETWORKER SERVICE MANUAL

This manual provides physical installation procedures for the Dataphone® II Series 700 Model 719 Networker. Also included is the installation information necessary for the Networker to interface and to support directly connected Series 700 STAT MUXes. *50 pgs.*

959-205 **$19.10**

999-104-253 DATAPHONE® II SYSTEM CONTROLLER MODEL 300 INTRODUCTION

This manual provides an introduction to the Dataphone® II System Controller and its features and capabilities. It also provides a glossary of the important terms needed to properly operate the system. *12 pgs.*

914-253 **$58.20**

999-105-253 DATAPHONE® II SYSTEM CONTROLLER MODEL 300 INSTALLATION AND MAINTENANCE MANUAL SET

This is a set of five manuals which provide information for the installation and maintenance of the Dataphone® II System Controller Model 300. These manuals are as follows: System Controller Installation Manual (911-253), Video Display Terminal Installation and Maintenance Manual (915-205), Local Copy Printer Installation and Maintenance Manual (916-205), and System Printer Installation and Maintenance Manual (917-205). *600 pgs.*

915-253 **$125.00**

999-101-253 DATAPHONE® II SYSTEM CONTROLLER MODEL 300 INSTALLATION MANUAL

This guide describes how to hook up and install the system. It is easy to read with step-by-step instructions. *100 pgs.*

911-253 **$133.00**

999-102-253 DATAPHONE® II SYSTEM CONTROLLER MODEL 300 MAINTENANCE MANUAL

This manual describes the maintenance and upgrading procedures for the Model 300. *100 pgs.*

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MODEMS, DATA SETS AND MOUNTINGS

999-102-173IS MODEL 201CR MODEM USER'S MANUAL

This manual provides the necessary information to install, operate, and test the 201CR Modem. It describes how the modem operates and is intended for use by those who understand data communications in general. *40 pgs.*

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999-102-142 MODEL 202T MODEM USER'S MANUAL

This manual contains information needed to install and test the 202T Modem. Operating procedures are limited to the use of the test switches and lights. A brief physical and functional description is provided and is intended for those who understand data communications in general. *34 pgs.*

912-142 **$2.50**

999-102-153 MODEL 208BR MODEM USER'S MANUAL

This manual provides the information needed to install, operate, and test the 208BR Modem. A brief description of how the modem operates is provided. This manual is intended for those who understand data communications in general. Includes an addendum. *59 pgs.*

912-153 **$4.88**

999-102-160 MODEL 212AR MODEM USER'S MANUAL

This manual provides the information needed to install, operate, and test the 212AR Modem. *56 pgs.*

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This guide explains how to operate a Data Auxiliary Set 829 type using a key telephone set. *11 pgs.*

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999-102-121IS MODEL 801CR AUTOMATIC CALLING UNIT USER'S MANUAL

This manual provides the information needed to install and test the 801CR Automatic Calling Unit (ACU). It describes the operation of the ACU and is intended for those with a general understanding of data communications. *25 pgs.*

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999-100-248 MODEL 4024 MODEM USER'S MANUAL

This guide gives a description of the Model 4024 Modem, its installation procedures, how it operates with the data terminal (AT&T) and the personal computer ("AT") command sets, and maintenance information. *160 pgs.*

910-248 **$23.00**

999-100-257 MODEL 4112 MODEM REFERENCE MANUAL

This manual explains in simple steps how to operate the Model 4112 Modem using the SoftCall program or any communication software program that is compatible with the "AT" command codes. Includes an addendum. *36 pgs.*

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999-100-180 DATA MOUNTING 40A-TYPE INSTALLATION MANUAL

This manual describes how to operate the Multiple Data Station containing Data Sets 103JR, 113CR, 113DR, 202SR, 212AR, and Data Auxiliary Set 801CR in a 40A-Type Data Mounting. *29 pgs.*

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PRINTERS AND PLOTTERS

999-300-163 DATASPEED® PRINTER NOISE-REDUCING USER'S OPERATION INSTRUCTIONS (25 PER PACKAGE)

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999-700-023IS AT&T 445 PRINTER USER'S GUIDE

This guide provides instructions on how to operate the 445 Printer, independent of the application. The instructions include turning on the printer, locating and using the control keys and switches, local testing, and loading paper. Includes an addendum.

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This guide provides information on the installation, general operation, and maintenance of the 473 Dot Matrix Printer. *30 pgs.*
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This guide provides information on the installation, operation, and maintenance of the 478/479 Printers.

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999-300-233IS AT&T 5305 PRINTER USER'S GUIDE

This manual describes the operation and installation of the 5305 Printer. It also provides a description of the purpose and the location of the internal and panel indicators and switches.

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999-300-235IS AT&T 5305 PRINTER REFERENCE MANUAL

This manual provides a complete description of the 5305 Printer. It's an overall reference for planning through operation and administration. It is targeted toward managers, sales personnel, customer technicians, designers, manufacturers, consultants, and suppliers who operate the printer.

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This guide provides an introduction to the 5310/5320 Printers. It also describes the installation, options, and operation. *288 pgs.*
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999-301-183IS AT&T 5310/5320 PRINTER REFERENCE MANUAL

This manual provides all instructions necessary to operate and install the 5310/5320 Printers. *97 pgs.*
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This guide describes the procedures for the operation and installation of the 6571 Printer. It also describes the location and function of the control panel keys. *75 pgs.*
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TERMINALS

GUIDES TO AT&T'S INFORMATION SYSTEMS PRODUCTS AND SERVICES SERIES: DATA TERMINAL EQUIPMENT

This guide provides extensive information on AT&T's peripherals for businesses with computers that want to upgrade or add terminals, printers, protocol converters, or facsimile machines. It is an ideal companion to the Computer Systems Guide (500-728) providing additional detail on peripherals. *130 pgs.*
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VIDEO DISPLAY TERMINALS (VDT) HANDBOOK

This AT&T Bell Laboratories guideline is "must" reading for people who work with VDTs or who are interested in the human factors of VDT-workstation design. This handbook guides the selection, installation, and use of new VDTs and VDT-related furniture. It also specifies the physical design of offices in which VDTs are used whether the offices are new or are to be remodeled. A general understanding of problems encountered in office environment design, especially those offices in which VDTs are significant office equipment items, is promoted. *75 pgs.*
350-049 **$12.00**

999-700-021 BUSINESS COMMUNICATION TERMINAL 500 BCT USER'S GUIDE

This manual provides instructions on how to operate the 500 Business Communications Terminal independent of the application. The instructions include turning the terminal on, location and use of the control keys and switches, keyboard local test, and display local test. *11 pgs.*
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999-300-252IS PERSONAL TERMINAL 510 USER'S GUIDE

This guide is organized to help the customer begin using the 510 Personal Terminal quickly. The sections discuss installation, terminal operations, and major terminal functions. *78 pgs.*
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999-306-252IS PERSONAL TERMINAL 510 TECHNICAL REFERENCE MANUAL

This manual describes the 510 Personal Terminal. It provides information concerning the operation, screen based functions, and options. Includes an addendum. *97 pgs.*
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999-300-250IS PERSONAL TERMINAL 510A USER'S GUIDE

This guide describes how to set up and use the 510A Personal Terminal. *232 pgs.*
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999-306-250IS PERSONAL TERMINAL 510A TECHNICAL REFERENCE MANUAL

This technical reference for the 510A Personal Terminal provides a description of the features and operation of the terminal in terms geared toward a programmer, technician, or engineer. The sections of the manual include: physical and operational descriptions, screen-based functions, data terminal operation, replacement part and documentation ordering information, and electrical and environmental specifications. Includes an addendum. *100 pgs.*
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999-300-253IS PERSONAL TERMINAL 510D-R2 USER'S GUIDE

This guide describes how to set up and use the 510-R2 Personal Terminal. Included are installation, introduction, and how-to-use instructions as well as an addendum. *178 pgs.*
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This manual is divided into sections detailing the components and operation of the terminal. Sections discussed are the terminal, display, keyboard, screen labeled keys, options, operation system use, and miscellaneous information. This manual is designed for systems personnel who need in-depth knowledge of the terminal's actions and responses. *85 pgs.*
970-493 **$5.20**

999-700-492IS BUSINESS COMMUNICATION TERMINAL 515 DISPLAY TERMINAL TECHNICAL REFERENCE MANUAL

This manual describes the 515 Business Communication Terminal (BCT). Included are instructions concerning the display, keyboard, options, and operation of the BCT. Working knowledge of this terminal is not needed to read this manual. *84 pgs.*
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999-300-270IS BUSINESS COMMUNICATION TERMINAL 610 USER'S GUIDE

This document provides the user with the information necessary to understand the operation of and user support for the 610 Business Communication Terminal (BCT). It provides step-by-step installation procedures as well. *90 pgs.*
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999-300-302IS AT&T 615 MULTI-TASKING GRAPHICS TERMINAL USER'S GUIDE

This document provides the necessary information to operate and install the 615 Multi-Tasking Graphics (MTG) Terminal. *250 pgs.*
930-302 **$40.20**

999-300-212IS AT&T 620 MULTI-TASKING GRAPHICS TERMINAL POCKET REFERENCE GUIDE

This document offers a convenient reference to the 620 Multi-Tasking Graphics (MTG) Terminal. It provides a list of in-depth documents that are available and thorough terminal descriptions. *47 pgs.*
930-212 **$8.50**

999-300-375IS AT&T 630 MULTI-TASKING GRAPHICS TERMINAL USER'S GUIDE

This guide explains the installation, operation, and care for the terminal. Also included is a glossary and information on control characters, escape characters, and transmitted character codes. *178 pgs.*

930-375 **$61.60**

AT&T 2300/2350 VIDEO INFORMATION TERMINALS

This manual contains an in-depth look at the user interface, an overview of the hardware and software architectures, and a description of the protocols implemented by the 2300/2350 Video Information Terminals. *130 pgs.*

330-093 **$127.00**

999-310-180IS DATASPEED® 4410 DISPLAY TERMINAL USER'S GUIDE

This manual contains information on the Dataspeed® 4410 Keyboard Display and its internal modem dialer. It is intended to aid a terminal user in understanding the operation of the terminal and the integrated modem dialer. *75 pgs.*

990-180 **$10.20**

999-312-180IS DATASPEED® 4410 DISPLAY TERMINAL TECHNICAL REFERENCE MANUAL

This document contains information on the 4410 Keyboard Display Terminal and its internal modem dialer. It provides technical data on its operation and use in the working system. *130 pgs.*

991-180 **$13.40**

999-300-124IS ASYNCHRONOUS DATASPEED® 4420 KEYBOARD DISPLAY USER'S GUIDE

The purpose of this manual is to provide basic instructions on how to operate an Asynchronous 4420 Keyboard Display locally and interactively with other data terminals and/or computers. *28 pgs.*

930-124 **$17.10**

999-310-181IS DATASPEED® 4425 DISPLAY TERMINAL USER'S GUIDE

This document provides the information necessary to operate the Dataspeed® 4425 Display Terminal and the optional integrated modem. *63 pgs.*

990-181 **$33.80**

999-307-139IS DATASPEED® 4540 ENHANCED KEYBOARD DISPLAY USER'S GUIDE

This guide is an introduction to the Enhanced Dataspeed® 4540 Keyboard Display. It includes detailed instructions on how to install the terminal and information about specific features. The guide may be used as a reference when operating the terminal. *125 pgs.*

937-139 **$17.00**

999-300-140 DATASPEED® 4540 USER'S GUIDE

This manual describes the 4540 Keyboard Display with external numeric cluster keyboard-turning. It also explains the audible alarm, variations, and troubleshooting. *75 pgs.*

930-140 **$9.80**

999-300-139 DATASPEED® 4548 KEYBOARD DISPLAY USER'S GUIDE

This guide is an introduction to the Enhanced Dataspeed® 4548 Keyboard Display. Also included are detailed instructions on how to install the terminal and detailed information about specific features. The guide may be used as an operating reference. *125 pgs.*

930-139 **$14.00**

999-311-139IS ENHANCED DATASPEED® 4549-40 KEYBOARD DISPLAY AND 4549-42/4549-43 DISPLAY ONLY USER'S GUIDE

This guide is an introduction to the Enhanced Dataspeed® 4549 Keyboard Display. Included are detailed instructions on how to install the terminal and detailed information about specific features. The guide may be used as an operating reference. The guide also includes sections on routine maintenance and troubleshooting. *85 pgs.*

933-139 **$30.00**

5620 DOT-MAPPED DISPLAY TERMINAL PRODUCT OVERVIEW

This book contains an overview of the features and configuration of the 5620 Dot-Mapped Display (DMD) terminal. It also describes the dependencies and available documentation. *16 pgs.*

306-145 **$5.00**

999-300-127IS 5620 DOT-MAPPED DISPLAY TERMINAL USER'S GUIDE

This manual summarizes and describes the installation, operation, and maintenance of the 5620 Dot Mapped Display. It also discusses terminal compatibility and modification, software packages, and available documentation. *45 pgs.*

930-127 **$12.10**

5620 DOT-MAPPED DISPLAY TERMINAL APPLICATION DEVELOPMENT PACKAGE SOFTWARE RELEASE DESCRIPTION

This document defines the Release 1.2 Application Development Utilities Package developed for the 5620 Dot-Mapped Display (DMD) terminal for use with the 3B2, 3B5, 3B20, and VAX® 11/750 and 11/780 computers. *52 pgs.*

306-136 **$5.00**

5620 DOT-MAPPED DISPLAY TERMINAL RELEASE 1.0 USER'S GUIDE

This guide provides users of the 5620 Dot-Mapped Display (DMD) terminal with general operating information. *75 pgs.*

306-120 **$30.00**

5620 DOT-MAPPED DISPLAY TERMINAL RELEASE 1.0 ADMINISTRATOR'S GUIDE

This guide describes how to load, install, and maintain the software for the 5620 Dot-Mapped Display (DMD) terminal. *100 pgs.*

306-121 **$25.00**

5620 DOT-MAPPED DISPLAY TERMINAL RELEASE 1.0 TEXT AND GRAPHICS APPLICATION GUIDE

This guide details the operation of the 5620 Dot-Mapped Display (DMD) terminal when using the text and graphics software. *32 pgs.*

306-123 **$30.00**

5620 DOT-MAPPED DISPLAY TERMINAL RELEASE 1.0 SOFTWARE DEVELOPMENT APPLICATION GUIDE

This book is for the programmer who is familiar with the C Programming language and the UNIX® System. It shows how to custom design the 5620 Dot-Mapped Display (DMD) terminal to fit the needs of the user. *500 pgs.*

306-122 **$55.00**

5620 DOT-MAPPED DISPLAY TERMINAL RELEASE 1.1 APPLICATION DEVELOPMENT PACKAGE SOFTWARE RELEASE DESCRIPTION

This book defines the Application Development Software Utility Package developed for the 5620 Dot-Mapped Display (DMD) terminal. *40 pgs.*

306-137 **$5.00**

5620 DOT-MAPPED DISPLAY TERMINAL RELEASE 1.1 CORE UTILITIES PACKAGE SOFTWARE RELEASE DESCRIPTION

This book defines the Core Software Utilities Package developed for the 5620 Dot-Mapped Display (DMD) terminal. *25 pgs.*

306-133 **$20.00**

5620 DOT-MAPPED DISPLAY TERMINAL RELEASE 1.1 TEXT AND GRAPHICS PACKAGE SOFTWARE RELEASE DESCRIPTION

This document defines the Text Processing and Graphics Application Software Package developed for the 5620 Dot-Mapped Display (DMD) terminal. *32 pgs.*

306-135 **$5.00**

5620 DOT-MAPPED DISPLAY TERMINAL RELEASE 1.2 MANUAL

This manual contains descriptive information about the commands that are included with this option. Enough information is given to enable any experience level user to perform these tasks successfully. The hardware considerations for connecting a DMD terminal to a 3B2 Computer and the available software utilities are also given. *35 pgs.*

305-448 **$25.00**

5620 DOT-MAPPED DISPLAY TERMINAL RELEASE 1.2 TEXT AND GRAPHICS PACKAGE SOFTWARE RELEASE DESCRIPTION

This book defines the Text Processing and Graphics Application Utilities Package developed for the 5620 Dot-Mapped Display (DMD) terminal. Includes an addendum. *28 pgs.*

306-134 **$25.00**

5620 DOT-MAPPED DISPLAY TERMINAL RELEASE 1.2 TEXT AND GRAPHICS UTILITIES SOFTWARE INFORMATION BULLETIN

This bulletin provides important information concerning the Dot-Mapped Display Text and Graphics Processing Utilities. *13 pgs.*

305-376 **$2.50**

5620 DOT-MAPPED DISPLAY TERMINAL RELEASE 1.2 APPLICATION DEVELOPMENT UTILITIES SOFTWARE INFORMATION BULLETIN

This bulletin provides important information concerning the Dot-Mapped Display Applications Development Utilities. *17 pgs.*

305-378 **$2.50**

5620 DOT-MAPPED DISPLAY TERMINAL RELEASE 1.2 CORE UTILITIES PACKAGE SOFTWARE RELEASE DESCRIPTION

This book defines the Release 1.2 Core Software Utilities Package developed for the 5620 Dot-Mapped Display (DMD) terminal. Includes an addendum. *43 pgs.*

306-132 **$25.00**

5620 DOT-MAPPED DISPLAY TERMINAL RELEASE 1.2 CORE UTILITIES SOFTWARE INFORMATION BULLETIN

This bulletin provides important information concerning the Dot-Mapped Display Core Utilities. *18 pgs.*

305-385 **$2.50**

5620 DOT-MAPPED DISPLAY TERMINAL RELEASE 2.0 ADMINISTRATOR'S GUIDE

This manual instructs the system administrator on how to load, install, and maintain the software for the 5620 Dot-Mapped Display (DMD) terminal. The system administrator should have prior experience with the UNIX® System. *30 pgs.*

306-141 **$30.00**

5620 DOT-MAPPED DISPLAY TERMINAL RELEASE 2.0 USER'S GUIDE

This guide explains the operation of the 5620 Dot-Mapped Display (DMD) terminal when equipped with the Core Utilities Package. *150 pgs.*

306-140 **$30.00**

5620 DOT-MAPPED DISPLAY TERMINAL RELEASE 2.0 SOFTWARE DEVELOPMENT REFERENCE MANUAL

This manual contains reference information for all the user commands and library routines used with the 5620 Dot-Mapped Display (DMD) terminal. *250 pgs.*

306-144 **$30.00**

5620 DOT-MAPPED DISPLAY TERMINAL RELEASE 2.0 SOFTWARE DEVELOPMENT APPLICATION GUIDE

This guide assumes familiarity with the C Programming Language and the UNIX® System. It will orient the user with 5620 Dot-Mapped Display (DMD) terminal programming. *250 pgs.*

306-142 **$55.00**

5620 DOT-MAPPED DISPLAY TERMINAL RELEASE 2.0 TEXT AND GRAPHICS PACKAGE INSTALLATION GUIDE AND RELEASE NOTES

This document contains general installation guidelines, file lists, and known software exceptions with solutions for the Text and Graphics Package. *46 pgs.*

306-148 **$10.00**

5620 DOT-MAPPED DISPLAY TERMINAL RELEASE 2.0 TEXT AND GRAPHICS APPLICATION GUIDE

This guide explains the operation of the 5620 Dot-Mapped Display (DMD) terminal when using the Text and Graphics Package. This guide can be used by novice users. *32 pgs.*

306-143 **$30.00**

5620 DOT-MAPPED DISPLAY TERMINAL RELEASE 2.0 CORE PACKAGE INSTALLATION GUIDE AND RELEASE NOTES

This document contains general installation guidelines, file lists, and known software exceptions with solutions for the Core Utilities Package. *23 pgs.*

306-146 **$5.00**

5620 DOT-MAPPED DISPLAY TERMINAL RELEASE 2.0 APPLICATION DEVELOPMENT PACKAGE INSTALLATION GUIDE AND RELEASE NOTES

This document contains general installation guidelines, file lists, and known software exceptions with solutions for the Application Development Package. *42 pgs.*

306-147 **$10.00**

999-300-131 AT&T 6500 MULTI-FUNCTION COMMUNICATION STATIONS TECHNICAL REFERENCE

This technical reference describes the 6500 family of clustered data terminals. Topics covered are: the system operation, station operation, and technical facts. *135 pgs.*
930-131 **$22.20**

999-300-268 AT&T 6500 DISPLAYS USER'S POCKET REFERENCE

This document is to be used as a quick reference and is not an all inclusive guide. It assumes that the user has read the appropriate User's Guide and provides procedures rather than exercises. *48 pgs.*
930-268 **$8.00**

999-300-122 AT&T 6538/6539 DISPLAY USER'S GUIDE

This guide provides installation and operating instructions for the 6538 or 6539 Display in a 6500 Station environment. It also provides user operating instructions. *192 pgs.*
930-122 **$20.20**

999-300-130IS AT&T 6540 INFORMATION DISPLAY STATION BCS AND SNA/SDLC VERSION IMPLEMENTATION GUIDE

This guide contains recommendations for implementation of a 6540 Information Display Station with remote processing systems using BSC or SNA/SDLC. *70 pgs.*
930-130 **$16.50**

FAX MACHINES

999-300-280IS AT&T FAX 3510D USER'S GUIDE

This guide explains how to use and maintain the 3510D Facsimile Transceiver. Sections include telephone requirements, installation, operation, reports and monitors, machine programming, compatibility, and general care. *90 pgs.*
930-280 **$17.20**

050-101-011IS AT&T FAX 3510D SERVICE MANUAL

This manual describes the installation, maintenance, adjustment, troubleshooting, and field replacement information needed to properly service the 3510D Facsimile Transceiver. *150 pgs.*
995-011 **$100.00**

EMULATORS

3270 EMULATOR+ PRODUCT OVERVIEW

This document describes the 3270 Emulator+. Topics covered include features, system components, user-host communication, system layout, operating requirements and much more. *17 pgs.*
308-001 **$5.00**

3270 EMULATOR+ USER'S GUIDE

This guide provides information for the operation of the 3270 Emulator+. It includes information covering the key functions, screen display, selection menu, documentation and error codes. *165 pgs.*
308-330 **$10.00**

999-809-024IS 3270 EMULATOR+ AND 3278 TERMINAL USER'S GUIDE

This manual explains using the ASCII terminal attached to the 3B Computer as an IBM® 3270 Display Station. It contains tutorial and reference information needed to understand the difference between the AT&T supported ASCII terminals and an IBM® Display Station. It should be used by terminal operators who are familiar with an IBM® Display Station. *85 pgs.*
989-024 **$2.77**

3270 EMULATOR+ SYSTEM ADMINISTRATOR'S AND APPLICATION PROGRAMMER'S GUIDE

This book describes the procedures required to customize, administer and run the 3270 Emulator+ software. This guide covers five areas: SNA operation, BSC operation, running the 3287 Printer Emulator, setting up the user's environment, and terminal customization. *87 pgs.*
308-331 **$35.00**

BSC/RJE EMULATOR+ USER'S AND SYSTEM ADMINISTRATOR'S GUIDE FOR THE 3B2 COMPUTER

This guide describes the user interface and the procedures for installing and maintaining BSC/RJE Emulator+ software on the 3B2 Computer. *67 pgs.*
308-208 **$40.00**

BSC/RJE EMULATOR+ USER'S AND SYSTEM ADMINISTRATOR'S GUIDE FOR THE 3B5 COMPUTER

This guide describes the user interface and the procedure for installing and maintaining the BSC/RJE Emulator+ software on the 3B5 Computer. *61 pgs.*
308-209 **$40.00**

3270 EMULATOR+ RELEASE NOTES FOR THE 3B5/15 COMPUTER

These notes are divided into three sections: software notes, installation instructions, and removal instructions. These sections cover the use of software products, the installation of each of the three basic parts of the product, and how to run the tutorial package. *53 pgs.*
308-335 **$40.00**

NETWORKS

GUIDES TO AT&T'S INFORMATION SYSTEMS PRODUCTS AND SERVICES SERIES: WIDE AND LOCAL AREA NETWORKS

This guide provides a complete description of the Information Systems Network (ISN) and the Starlan Network. It is targeted at businesses who need to link computers and data networks locally or nationwide. For businesses purchasing computers, it is an excellent companion to the Computer Systems Guide (500-728) *45 pgs.*
500-737 **$30.00**

AT&T INFORMATION SYSTEM NETWORK HOST INTERFACE SOFTWARE (HIS) USER'S REFERENCE CARD

This reference card describes HIS applications and shows easy ways to use HIS. *2 pgs.*
308-316 **$5.00**

NETWORK TERMINAL EQUIPMENT CENTER (NTEC) TRANSITION PLANNING AND IMPLEMENTATION WORKBOOK

This workbook provides descriptions on how to implement the Network Terminal Equipment Center (NTEC). It is targeted toward operating company managers. It contains worksheets for use in developing the necessary steps for implementation. The project functions covered in this workbook fall into three basic categories: planning, tracking, and cutover. These categories can be further defined into two phases: centralizing administration and mechanization. *94 pgs.*

500-924 **$101.00**

STARLAN

999-100-401 STARLAN NETWORK VS. IBM® TOKEN RING NETWORK - COMPARATIVE OVERVIEW

This document will provide readers with an analysis and comparison of the AT&T Starlan Network and the IBM® Token Ring. Included are comparisons of both network architectures, features, capabilities, communications gateways, interfaces, and costs. *19 pgs.*

910-401 **$5.00**

780-100-110 STARLAN NETWORK INSTALLATION AND MAINTENANCE GUIDE - VOLUMES 1 AND 2

This comprehensive two volume set provides the information required to install and maintain the hardware components on the Starlan Network. Topics covered include: designing a network map, installing and setting up Network Access Units, installing the Network Extension Unit, wiring the Starlan Network, and maintenance and problem isolation. *228 pgs.*

991-110 **$100.00**

999-809-101 STARLAN NETWORK DESIGN GUIDE

This guide provides necessary guidelines to design and configure a Starlan Network. Included is information on the guidelines for choosing Network Servers, PC configuration requirements, PC RAM requirements for network software, guidelines on the number of Network Servers and users per server, how to configure a Daisy Chain, Room Star, and Closet Star, using the network design form, and wiring the network. *75 pgs.*

989-101 **$25.00**

999-802-215 STARLAN NETWORK APPLICATION PROGRAMMER'S REFERENCE MANUAL

This manual is intended for users who will be designing applications to run over the Starlan Network. It provides an overview of the Starlan Network and its architecture. It also provides technical details on the NETBIOS emulator, session level interrupts program interface, and UNIX® programming interface including session level functions, transport level functions, and server program support features. Included is a diskette containing sample programs which use the interface described. *287 pgs.*

982-215 **$100.00**

999-300-208 STARLAN NETWORK TECHNICAL REFERENCE MANUAL

This manual contains functional reference information for the network hardware and protocols used with the Starlan Network. The information contained within the document is intended to aid customers who require a technical understanding of Starlan Network operations. Included are discussions on network software architecture, network hardware architecture, network protocols, and network access unit schematics. *130 pgs.*

930-208 **$85.00**

999-809-116 STARLAN NETWORK COURIER™ USER'S GUIDE

This guide provides a comprehensive treatment on how to install and use the Network Courier™ - the DOS mail package for Starlan. It contains instructions on how to perform administrative functions such as installing the mail system, creating and managing user mailboxes, managing storage space and installing the notification option. Users are instructed on how to create mail, send mail, attach files to their mail messages, print mail, and use the mail monitor. *109 pgs.*

989-116 **$20.00**

999-809-106 STARLAN NETWORK EXTENSION UNIT INSTALLATION GUIDE

This manual is directed to users who will be installing their own Network Extension Unit (NEU). It includes wall mounting NEUs, labeling NEUs, and interconnecting NEUs. *25 pgs.*

989-106 **$10.00**

999-809-107 STARLAN NETWORK REPEATER UNIT INSTALLATION GUIDE

This manual provides users with the steps required to install the Network Repeater Unit (NRU). It includes mounting, labeling, and connecting the NRUs. *32 pgs.*

989-107 **$10.00**

999-809-104IS STARLAN NETWORK ACCESS UNIT INSTALLATION GUIDE FOR THE 3B2 COMPUTER

This manual is intended to provide users with the steps involved in installing the Network Access Unit in the 3B2 Computer. It covers physical installation, options settings, and testing the NAU. *58 pgs.*

989-104 **$12.00**

999-809-118 STARLAN NETWORK USER'S AND ADMINISTRATOR'S TRAINING PACKAGE FOR THE UNIX® PC

This training program instructs the user on Starlan Network operating procedures. Working on a UNIX® PC, the user will become familiar with its many features and learn how to configure the network, install the network hardware and software, administer and manage the network, and use the UNIX® PC on the network. It includes one diskette. *82 pgs.*

989-118 **$60.00**

999-100-410 STARLAN NETWORK DOS SERVER USER'S AND ADMINISTRATOR'S TRAINING PACKAGE FOR THE UNIX® PC

This package is designed to provide users and administrators of the DOS Server on the UNIX® PC with the basic skills required to use, administer and manage their server(s). Included in the package are a training diskette and hands-on exercises which guide the user through procedures for: installing the Starlan software and hardware, administering the network server, adding and deleting network users, monitoring server utilization, linking to network resources, and sharing files and printers. *170 pgs.*

910-410 **$60.00**

999-809-103 STARLAN NETWORK ACCESS UNIT INSTALLATION GUIDE FOR THE UNIX® PC

This manual is intended to provide users with the steps involved in installing the Network Access Unit in their UNIX® PC. It covers physical installation, options setting, and testing the NAU. *25 pgs.*

989-103 **$12.00**

999-809-117 STARLAN NETWORK USER'S AND ADMINISTRATOR'S TRAINING PACKAGE FOR THE PC 6300

This training program is designed for new users of the Starlan Network. Users will work hands-on with the network and become familiar with its many features. A training diskette is included and the package covers such topics as installing the network hardware and software, administering network services, sharing network resources, and using file and printer sharing services. *82 pgs.*

989-117 **$60.00**

999-809-102 STARLAN NETWORK ACCESS UNIT (NAU) INSTALLATION GUIDE FOR THE PC 6300

This manual is intended to provide users with the steps involved in installing the Network Access Unit in the PC 6300 or compatible. It covers physical installation, options settings, and testing the NAU. *74 pgs.*

989-102 **$12.00**

3BNET

3BNET OVERVIEW

This book briefly describes 3BNET. Sections included are: introduction, 3BNET description, 3BNET software compatibilities, and available documentation. *16 pgs.*

306-118 **$10.00**

3BNET USER'S GUIDE

This document gives a detailed description of the 3BNET's operations. Included are descriptions of the NISEND command, application interface, and network error messages. *37 pgs.*

306-103 **$50.00**

3BNET RELEASE 2.0 OWNER/OPERATOR MANUAL

This document gives an overview of 3BNET. Sections covered include an overview, user interface, capabilities and functions, the remote log in command, maintenance and much more. *70 pgs.*

306-110 **$30.00**

3BNET RELEASE 2.2.1 NOTES FOR THE 3B2 COMPUTERS

This document provides the release format and the software installation procedures for 3BNET Release 2.2.1. *8 pgs.*

306-116 **$20.00**

3BNET RELEASE 2.3.0 NOTES FOR THE 3B2 COMPUTERS

This document provides the release format and the software installation procedures for 3BNET Release 2.3.0. *8 pgs.*

306-124 **$20.00**

3BNET UTILITIES SOFTWARE INFORMATION BULLETIN FOR THE 3B2/300 COMPUTER

This bulletin provides important information concerning 3BNET Utilities. *6 pgs.*

305-383 **$5.00**

3BNET MANUAL FOR THE 3B2/300 COMPUTER

This manual describes the 3BNET features of a 3B2/300 Computer. This manual should be used by those who are familiar with microcomputers, computer devices, and the UNIX® System. *75 pgs.*

305-446 **$25.00**

3BNET INSTALLATION AND ADMINISTRATION GUIDE FOR THE 3B2 COMPUTER

This guide describes the installation and administration of 3BNET Release 2.2.1 Version 1. It also details adding or deleting a node to or from an existing local network. *250 pgs.*

306-106 **$90.00**

3BNET RELEASE 2.1 DESCRIPTION FOR THE 3B5 COMPUTER

This document provides the information necessary to install the 3BNET Release 2.1 Version 1 on the 3B5 Computer. *13 pgs.*

306-119 **$15.00**

3BNET INSTALLATION AND ADMINISTRATION GUIDE FOR THE 3B5 COMPUTER

This guide describes how to install and administer 3BNET Release 2.2.0 Version 1 as well as how to add or delete a network node to or from an existing local network. Also included are the 3BNET software installation procedures and the administrative functions for a 3B5 Computer. *160 pgs.*

306-107 **$170.00**

3BNET RELEASE NOTES FOR THE 3B15 COMPUTER

This document provides the 3BNET Release 2.3.0 Version 1 release format and software installation procedures. It contains information on the compatibility of 3BNET among the various 3B Computers. The release format also provides the type of media required, the amount of free disk space needed, and a list of reference files required to install the software. *17 pgs.*

306-111 **$20.00**

3BNET INSTALLATION AND ADMINISTRATION GUIDE FOR THE 3B15 COMPUTER

This guide describes how to install and administer the 3BNET Release 2.3.0 Version 1. It also details adding or deleting a network node to or from an existing local network. *175 pgs.*

306-104 **$95.00**

3BNET RELEASE 2.0 DESCRIPTION FOR THE 3B20 COMPUTER

This document presents the information necessary to install 3BNET Release 2.0 on the 3B20 Computers. *14 pgs.*

306-115 **$25.00**

COMMKIT®

UNIX® SYSTEM V COMMKIT® SOFTWARE ETHERNET™ INTERFACE HANDBOOK

This handbook is a collection of guides describing the NISEND and Ethernet™ Systems. It is divided into five parts: NISEND User's Guide, NISEND Administrator's Guide, Ethernet™ Interface User's Guide, Ethernet™ Administrator's Guide, and NISEND/Ethernet™ Installation Guide and Setting Up Guide. *175 pgs.*

308-280 **$25.00**

COMMKIT® SOFTWARE HYPERCHANNEL™ INTERFACE HANDBOOK

This document describes the network commands for transfer and remote execution and the status information that can be obtained. *172 pgs.*

308-240 **$45.00**

COMMKIT® SOFTWARE SYNCHRONOUS TERMINAL INTERFACE SYSTEM RELEASE DESCRIPTION

This document contains information necessary for installing and using CommKit® Software Synchronous Terminal Interface Package Release 1.0 for UNIX® System V Release 2 and describes its facilities and features. Includes an addendum. *12 pgs.*

308-253 **$12.50**

COMMKIT® SOFTWARE SYNCHRONOUS TERMINAL INTERFACE HANDBOOK

This handbook discusses the CommKit® Software Synchronous Terminal Interface Release 1.0 and the features it offers. *64 pgs.*

308-250 **$25.00**

ENHANCED TCP/IP

ENHANCED TCP/IP WIN™/3B USER'S GUIDE

This guide describes the implementation of Transmission Control Protocol/Internet (TCP/IP) for 3B Computers. It assumes no familiarity with TCP/IP or other networking products. It does assume, however, that the reader is familiar with the UNIX® System. *68 pgs.*

308-323 **$30.00**

ENHANCED TCP/IP WIN™/3B LAN INTERFACE RELEASE NOTES FOR THE 3B2 COMPUTER

These notes discuss Release 1.0 of the Enhanced TCP/IP WIN™/3B Local Area Network (LAN) Interface for the 3B2 Computer. LAN, in the context of this title, refers to the Ethernet™ protocol and media. *7 pgs.*

308-326 **$20.00**

ENHANCED TCP/IP WIN™/3B QUICK REFERENCE CARD FOR THE 3B2 COMPUTER

This card is a handy reference guide to the TCP/IP. *4 pgs.*

308-329 **$5.00**

ENHANCED TCP/IP WIN™/3B PROGRAMMER REFERENCE MANUAL FOR THE 3B2 COMPUTER

This manual describes general user commands, administrative commands, functions, libraries, protocols, drivers, and data files for the Enhanced TCP/IP WIN™/3B. *150 pgs.*

308-325 **$45.00**

ENHANCED TCP/IP WIN™/3B ADMINISTRATOR'S GUIDE FOR THE 3B2 COMPUTER

This guide educates the user on the elements of TCP/IP WIN™/3B2 and orients the user to good networking administration practices. *90 pgs.*

308-320 **$35.00**

TRANSMISSION SYSTEMS

GUIDES TO AT&T'S INFORMATION SYSTEMS PRODUCTS AND SERVICES SERIES: DISTRIBUTION SYSTEMS

This guide describes both AT&T's intrapremises wiring plan for a building complex or campus and its interpremises private microwave communications systems. This guide ties AT&T's products together. *56 pgs.*

500-738 **$30.00**

LIGHTGUIDE PREMISES DISTRIBUTION SYSTEM PRODUCT APPLICATION BULLETIN JANUARY 1985

This guide contains cable and apparatus descriptions and applications, maintenance, reference, and ordering information for lightguide cables. *20 pgs.*

200-543 **$5.00**

BUILDING COMMUNICATIONS SYSTEMS SUPPORT SERVICES

This document discusses the features of AT&T Network Services Building Communications System Support Services (BC/SSS). It explains the maintenance, installation, engineering, Property Inventory Service Assistance (PISA), Premises Distribution System (PDS) and PDS Support Services offered by AT&T for the BC/SSS. *6 pgs.*

500-005 **$6.30**

ELECTRONIC WIRE AND CABLE USER'S GUIDE: PERFORMANCE AND SELECTION

This manual describes the progressive stages of cable fabrication. The manual, geared to a variety of readers, requires minimal prior understanding of the subject. *114 pgs.*

510-134 **$15.00**

T-CARRIER ADMINISTRATION SYSTEM DATABASE AND SUPERVISORY CONTROLLER

This manual is a reference guide in the operations ot the T-Carrier Adminstration System (TCAS), Generic 5. It provides descriptions, input commands, procedures, and reports used by the database controller (DBC). Includes an addendum. *935 pgs.*

700-014 **$62.17**

SLC® CARRIER SYSTEM LM12 LIGHTWAVE MULTIPLEXER SYSTEM MANUAL

This manual is a reference guide for system planners, engineers, and maintenance technicians. It describes the features of the LM12 Multiplexer as well as the turn-up operating and maintenance procedures for the system. *150 pgs.*

700-059 **$87.00**

SLC® 96 CARRIER SYSTEM SUPPORT DOCUMENT

This guide describes how to set-up, install, and use the SLC® 96 Carrier System. *3737 pgs.*

700-546 **$408.00**

SLC® 96 ENGINEERING DRAWINGS

This set of 46 drawings is the specification for Common Systems Subscriber Loop Carriers. *46 pgs.*

700-548 **$210.00**

Business Communications Systems

DIMENSION®

PERIPHERAL EQUIPMENT MAINTENANCE MANUAL

This manual provides information on the maintenance of peripheral equipment employed in communication systems such as the Dimension® PBX.
90 pgs.
500-976 **$27.80**

DIMENSION® PRELUDE® CUSTOMER ADMINISTRATION PANEL WORKBOOK

This workbook teaches the operator how to make station changes and rearrangements by using the Customer Administration Panel. *42 pgs.*
030-004 **$8.80**

999-200-250 DIMENSION® PRELUDE® SYSTEM REFERENCE MANUAL

This reference manual provides detailed information on the Dimension® Prelude® System, its hardware, configuration, and features. *165 pgs.*
920-250 **$27.40**

DIMENSION® PRELUDE® CUSTOMER SYSTEM DESIGN WORKBOOK

This workbook provides training to successfully design and implement the Dimension® Prelude® Telephone System. *36 pgs.*
030-002 **$19.95**

DIMENSION® PBX CUSTOMER ADMINISTRATION PANEL WORKBOOK

This workbook teaches the system manager how to make station changes and rearrangments by using the Customer Administration Panel. *42 pgs.*
050-004 **$13.45**

999-200-249 ECSA SYSTEM AND PLANNING REFERENCE MANUAL

This manual provides an overall description of the system hardware, operation, features and pre-installation planning of the Energy Communications Service Adjunct (ECSA).*200 pgs.*
920-249 **$60.80**

999-200-247 DIMENSION® PBX ECSA SYSTEM MANAGEMENT AND OPERATIONS

This guide provides directions for using the system console in the operation, management and administration of the Energy Communications Service Adjunct (ECSA). *300 pgs.*
920-247 **$77.40**

999-200-248 DIMENSION® PBX ECSA APPLICATION STRATEGY

This manual is intended for use by Energy Communications Service Adjunct (ECSA) customers to analyze total energy control needs, identify energy consuming devices, and develop strategies to reduce energy consumption. *175 pgs.*
920-248 **$43.00**

DIMENSION® 100/400 PBX ADMINISTRATION AND MAINTENANCE MANUAL VOLUME 1: SYSTEM ADMINISTRATION AND MAINTENANCE PROCEDURES

This manual is a job aid for use with the Dimension® 100/400 PBX. It is targeted toward experienced craft persons and is intended to supplement existing Bell System Practices (BSPs) and Task Oriented Practices (TOPs). It provides system administration and maintenance procedures via the Maintenance and Administration Panel (MAAP) for systems with Feature Packages 1, 2, 3, 4, 5, 10, and 15. Includes an addendum. *374 pgs.*
500-677 **$101.00**

DIMENSION® 100/400 PBX ADMINISTRATION AND MAINTENANCE VOLUME 2: MAINTENANCE SUPPORT INFORMATION

This manual is a job aid for use with the Dimension® 100/400 PBX. It is directed at experienced craft persons. A supplement to existing Bell System Practices (BSPs) and Task Oriented Practices (TOPs), information is included for systems with Feature Packages 1, 2, 3, 4, 5, 10, and 15 in the areas of test points, wiring, and power. Includes an addendum. *648 pgs.*
500-393 **$222.40**

DIMENSION® 400 CUSTOMER SYSTEM DESIGN WORKBOOK

This workbook provides the system manager with the knowledge to successfully design and implement the Dimension® 400 System. The workbook also includes a description of the system manager's responsibilities. *38 pgs.*
040-002 **$21.00**

DIMENSION® 400 CUSTOMER SYSTEM WITH ELECTRONIC CUSTOM TELEPHONE SERVICE DESIGN WORKBOOK

This workbook provides the system manager with the knowledge to successfully design and implement the Dimension® 400 Customer System. The workbook also includes a description of the system manager's responsibilities. *42 pgs.*
040-003 **$30.50**

DIMENSION® PBX 600/2000/CUSTOM FEATURE PACKAGE 8 CUSTOMER SYSTEM DESIGN WORKBOOK

This workbook describes the Dimension® PBX 600/2000/Custom with Feature Package 8 Customer System Design. *38 pgs.*
050-002 **$39.75**

DIMENSION® 2000 PBX FEATURE PACKAGE 8 TABLE STRUCTURES AND TRUNK SEQUENCES

This manual contains information about the Dimension® 2000 PBX software table structures and trunk sequences. It serves as an aid in diagnosing hardware faults and translation problems. *650 pgs.*
700-296 **$133.00**

999-200-245 DIMENSION® SYSTEM FEATURE PACKAGE 8 USER'S GUIDE

This manual offers a generic description of the console, system features and operation. It is a supplement to attendant training. *340 pgs.*
920-245 **$76.40**

999-200-246 DIMENSION® SYSTEM FEATURE PACKAGE 8 ADMINISTRATOR'S MANUAL

This manual provides detailed step-by-step instructions for using the Customer Administration Panel (CAP) to rearrange and change station assignments. It is intended for the CAP administrator who has completed training. Includes an addendum. *448 pgs.*
920-246 **$70.40**

DIMENSION® 600/2000/CUSTOM FEATURE PACKAGE 8 STATION REVIEW

This workbook assists the system manager in conducting a station review to determine the specific needs of the voice extension users. *42 pgs.*
050-005 **$6.05**

DIMENSION® FEATURE PACKAGE 12 DIALING INSTRUCTIONS

This card describes the Dimension® System dialing instructions in a handy card format. *4 pgs.*

700-081 **$0.22**

999-200-212 DIMENSION® SYSTEM FEATURE PACKAGE 15 ADMINISTRATOR'S MANUAL

This manual provides detailed step-by-step instructions for using the Customer Administration Panel (CAP) to rearrange and change station assignments including Electronic Custom Telephone Service (ECTS) sets. *212 pgs.*

920-212 **$34.60**

999-200-242 DIMENSION® SYSTEM FEATURE PACKAGE 15 IMPLEMENTATION MANUAL

The purpose of this manual is to define the software features of the Dimension® System with Feature Package 15. *250 pgs.*

920-242 **$29.60**

999-200-243 DIMENSION® SYSTEM FEATURE PACKAGE 15 REFERENCE MANUAL

This manual provides detailed information on the Dimension® System, its hardware, configuration and features. *259 pgs.*

920-243 **$23.60**

DIMENSION® 400 FEATURE PACKAGE 15 CUSTOMER ADMINISTRATION PANEL WORKBOOK

This workbook explains how to make station changes and rearrangements on a Dimension® 400 with Feature Package 15. *42 pgs.*

040-005 **$12.80**

HORIZON®

999-200-270 HORIZON® REFERENCE MANUAL

This manual describes the Horizon® Communication System. The hardware and features of the Horizon® Communication System (VS+, B+, and advanced [E and E+] common equipment) are described in detail. *275 pgs.*

920-270 **$11.80**

999-200-271 HORIZON® ADMINISTRATION MANUAL

This manual describes the training and programming requirements associated with the Horizon® System and is used primarily to document present and future changes during the life of the system. Includes an addendum. *170 pgs.*

920-271 **$3.90**

999-200-272 HORIZON® IMPLEMENTATION MANUAL

This manual describes the implementation process of the Horizon® System and gives suggestions on making the process more manageable. Includes an addendum. *240 pgs.*

920-272 **$17.20**

HORIZON® COMMUNICATION SYSTEM SERVICE ADVISOR HANDBOOK

This handbook has been prepared to assist the service advisor in fulfilling the training responsibilities concurrent with the installation of a Horizon® Communication System. *175 pgs.*

500-695 **$15.50**

999-200-273 HORIZON® VOICE TERMINAL OPERATIONS

This book introduces the Horizon® Voice Terminal. It explains the many ways the Horizon® System has reduced operations from multiple steps to a single step. Includes an addendum. *48 pgs.*

920-273 **$18.10**

HOW TO USE YOUR HORIZON® COMMUNICATION SYSTEM TELEPHONE

This manual provides detailed instructions on the standard and custom features of the Horizon® System. It includes a Horizon® User's Card (500-839) with step-by-step instructions. *24 pgs.*

500-838 **$2.30**

HORIZON® COMMUNICATION SYSTEM 10 BUTTON TELEPHONE SET USER'S CARD

This convenient, easy-to-use card contains instructions for the use of the 10-button Horizon® telephone set. *3 pgs.*

500-839 **$0.46**

HORIZON® COMMUNICATION SYSTEM SINGLE LINE TELEPHONE SET USER'S CARD

This convenient, easy-to-use card contains instructions for the use of the single line Horizon® telephone set. *3 pgs.*

500-840 **$0.44**

HOW TO USE HORIZON® COMMUNICATION SYSTEM SINGLE LINE TELEPHONE SET

This document discusses and introduces the features of the Horizon® Communication System. Also provided are instructions on the use of the Horizon® Communication System Telephone User's Card (500-840). *18 pgs.*

500-991 **$2.20**

MERLIN®

999-500-138 MERLIN® COMMUNICATIONS SYSTEM CENTREX/PBX CONNECTION

This document will help make the most effective use of the Merlin® Communications System in combination with either Centrex or PBX service. It is in two parts: the first part highlights aspects of the Merlin® System that are of particular interest to Centrex/PBX service users, and the second explains procedures for using the Merlin® System with other services. The information applies to all models of the Merlin® System. *23 pgs.*

950-138 **$2.00**

999-501-142 MERLIN® COMMUNICATIONS SYSTEM CALL MANAGEMENT SYSTEM

This guide, divided into four manuals, supports the proper operation of the Merlin® Communications System with the Call Management System (CMS). The first section covers changes and features of Release 1.5. The second section, the Administration Manual, offers information for the administration, planning, and handling of data using the CMS. Section three is a User's Guide which describes voice terminal features and provides procedures to use the CMS most efficiently. Finally, an Installation Guide informs the operator how to insert the CMS expansion card into the AT&T PC and make all necessary connections. *300 pgs.*

951-142 **$25.80**

999-501-138 MERLIN® COMMUNICATIONS SYSTEM MAINTENANCE EXCHANGE PROCEDURES BROCHURE

For users who do their own troubleshooting, this brochure explains the option and the process for isolating problems in the Merlin® System. *4 pgs.*

951-138 **$0.48**

999-505-137 MERLIN® COMMUNICATIONS SYSTEM OFF-PREMISES TELEPHONE REFERENCE CARD

This handy reference card explains the special features of a Touch-Tone phone connected remotely to the Merlin® System. *6 pgs.*

955-137 **$0.80**

999-503-137 MERLIN® COMMUNICATIONS SYSTEM BASIC TOUCH-TONE AND ROTARY TELEPHONES USER'S GUIDE

This handy reference card explains the features available with a Touch-Tone or rotary telephone. *6 pgs.*

953-137 **$0.76**

845-659-374 MERLIN® COMMUNICATIONS SYSTEM BASIC TOUCH-TONE AND ROTARY TELEPHONES REFERENCE CARD (10 PER PACKAGE)

This handy reference card lists the various features available on the Merlin® System for Touch-Tone and rotary telephones. *4 pgs.*

984-574 **$6.90**

845-295-179IS MERLIN® COMMUNICATIONS SYSTEM MODELS 206 AND 410 WITH FEATURE MODULE 1 DOCUMENTATION SET

This set includes one Administrator's Manual (954-135) and ten User's Guides (950-135) for Models 206 and 410 of the Merlin® Communications System. The Administrator's Manual offers the system administrator information on setting up and customizing the system. The User's Guide provides information on the features and operation of the Merlin® System. *160 pgs.*

984-579 **$26.00**

999-504-135 MERLIN® COMMUNICATIONS SYSTEM MODELS 206 AND 410 WITH FEATURE MODULE 1 ADMINISTRATOR'S MANUAL

This manual provides specialized operating information for the system administrator and contains a special section for the system attendant. *20 pgs.*

954-135 **$7.50**

999-500-135 MERLIN® COMMUNICATIONS SYSTEM MODELS 206 AND 410 WITH FEATURE MODULE 1 USER'S GUIDE

This user's guide provides a working knowledge of the Merlin® Communications System Models 206 and 410. *14 pgs.*

950-135 **$1.85**

999-502-135 MERLIN® COMMUNICATIONS SYSTEM MODELS 206 AND 410 WITH FEATURE MODULE 1 USER'S CARD

This user's card is designed for quick reference and to summarize information contained in the User's Guide (950-135). *4 pgs.*

952-135 **$0.38**

518-600-000 MERLIN® COMMUNICATIONS SYSTEM MODELS 206 AND 410 INSTALLATION GUIDE

The installation guide describes how to install the Merlin® Communications System Models 206 and 410. *30 pgs.*

951-800 **$5.10**

845-295-146 MERLIN® COMMUNICATIONS SYSTEM MODELS 206, 410, AND 820 WITH FEATURE MODULE 2 DOCUMENTATION SET

This set of documents for Models 206, 410 and 820 with Feature Module 2 contains ten Merlin® User's Guides (950-136), and one Administrator's Guide (954-136). The User's Guide describes features, optional equipment, and programming. The Administrator's Guide describes troubleshooting, programming, and basic administration. *290 pgs.*

984-546 **$12.10**

999-500-136IS MERLIN® COMMUNICATIONS SYSTEM MODELS 206, 410, AND 820 WITH FEATURE MODULE 2 USER'S GUIDE

This guide describes the features of the Merlin® System Models 206, 410, and 820, and describes how to use the system in the workplace. *25 pgs.*

950-136 **$5.00**

MERLIN® COMMUNICATIONS SYSTEM LEADER'S GUIDE

This guide is designed for the user introduction course for Models 206/410/820 with Feature Module 2. It provides a training delivery outline for users of 5, 10, and 34 button voice terminals and includes viewgraphs. *25 pgs.*

5CE-004 **$27.20**

999-504-136IS MERLIN® COMMUNICATIONS SYSTEM MODELS 206, 410, AND 820 WITH FEATURE MODULE 2 ADMINISTRATOR'S MANUAL

This manual describes how to customize the Merlin® Communications System Models 206, 410, and 820 to meet the needs of a business. *40 pgs.*

954-136 **$3.50**

MERLIN® COMMUNICATIONS SYSTEM 1/2" VHS VIDEOTAPE

This 1/2" VHS videotape describes Models 206, 410, and 820 with Feature Module 2.

5CE-035 **$36.00**

MERLIN® COMMUNICATIONS SYSTEM SUPER 8 MM VIDEOTAPE

This super 8 mm videotape explains the features of Models 206, 410, and 820 with Feature Module 2.

5CE-037 **$286.00**

MERLIN® COMMUNICATIONS SYSTEM 3/4" U-MATIC VIDEOTAPE

This 3/4" U-Matic videotape describes the features of Models 206, 410, and 820 with Feature Module 2.

5CE-036 **$64.20**

845-295-161 MERLIN® COMMUNICATIONS SYSTEM MODEL 820 DOCUMENTATION SET

This documentation set consists of the User's Guide (952-136) and Installation Guide (951-810) for the Merlin® Model 820. *41 pgs.*

984-561 **$2.60**

999-502-136 MERLIN® COMMUNICATIONS SYSTEM MODELS 206, 410, AND 820 STANDARD FEATURES USER'S GUIDE

This manual provides additional specific operating information for the business owner or office manager. It also includes a special section for the receptionist. *4 pgs.*

952-136 **$1.10**

518-600-010 MERLIN® COMMUNICATIONS SYSTEM MODEL 820 INSTALLATION GUIDE

This guide describes how to install and test the Merlin® Communications System Model 820. The guide goes step-by-step through system installation from a preinstallation checklist to testing and troubleshooting the system. *37 pgs.*

951-810 **$1.50**

518-600-011 MERLIN® COMMUNICATIONS SYSTEM MODEL 820 SERVICE AND MAINTENANCE MANUAL

The trouble locating procedures in this manual are designed for easy location of components causing trouble. *30 pgs.*
951-811 **$5.70**

105-132-211 MERLIN® COMMUNICATIONS SYSTEM MODELS 1030 AND 3070 CALL MANAGMENT SYSTEM

This manual is intended for use by the supervisor or administrator who oversees the setup and operation of a Call Management System (CMS). It contains an overall description of the system, the concepts, procedures, and data needed to make the most of CMS. Includes (951-142). *367 pgs.*
910-511 **$80.80**

518-600-021IS MERLIN® COMMUNICATIONS SYSTEM MODELS 1030 AND 3070 SERVICE AND MAINTENANCE MANUAL

This manual is intended for use by both the customer and the service technician. This troubleshooting manual saves time and money when there is a system breakdown. *355 pgs.*
951-821 **$38.20**

845-295-120 MERLIN® COMMUNICATIONS SYSTEM MODELS 1030 AND 3070 WITH FEATURE MODULE 1 DOCUMENTATION SET

This set includes two Attendant's Guides (952-137), two User's Guides (950-137), and one Administrator's Manual (954-137). The documents will assist with the initial set-up and day-to-day operation of the Merlin® System. *146 pgs.*
984-520 **$15.60**

999-502-137 MERLIN® COMMUNICATIONS SYSTEM MODELS 1030 AND 3070 WITH FEATURE MODULE 1 ATTENDANT'S GUIDE

This manual contains the information needed by the attendant to use the Merlin® features effectively. *23 pgs.*
952-137 **$1.80**

999-500-137 MERLIN® COMMUNICATIONS SYSTEM MODELS 1030 AND 3070 WITH FEATURE MODULE 1 USER'S GUIDE

This guide describes the features of Models 1030 and 3070 with Feature Module 1. *24 pgs.*
950-137 **$0.80**

MERLIN® COMMUNICATIONS SYSTEM SUPER 8 MM VIDEOTAPE

This super 8 mm videotape is an introduction to Models 1030 and 3070 with Feature Module 1.
5CE-003 **$100.00**

MERLIN® COMMUNICATIONS SYSTEM 3/4" U-MATIC VIDEOTAPE

This 3/4" U-Matic videotape describes 1030 and 3070 Models with Feature Module 1.
5CE-002 **$24.15**

999-504-137 MERLIN® COMMUNICATIONS SYSTEM MODELS 1030 AND 3070 WITH FEATURE MODULE 1 ADMINISTRATOR'S MANUAL

This manual is intended for the administrator in charge of overseeing the initial installation and day-to-day operation of the Merlin® System. It describes the system features with instructions for assignment so that the Merlin® System is customized to best suit the business environment. *52 pgs.*
954-137 **$10.40**

MERLIN® COMMUNICATIONS SYSTEM LEADER'S GUIDE

This guide is designed for user introduction courses for Models 1030 and 3070 with Feature Module 1. It includes a training delivery outline and viewgraphs. *55 pgs.*
5CE-005 **$46.60**

999-507-137 MERLIN® COMMUNICATIONS SYSTEM MODELS 1030 AND 3070 WITH FEATURE MODULE 2 ADMINISTRATOR'S MANUAL

This administration manual takes the user step-by-step through the procedures for customizing the Merlin® System. It includes a quick reference guide to administration procedures. Includes an addendum. *89 pgs.*
957-137 **$12.30**

999-508-137 MERLIN® COMMUNICATIONS SYSTEM MODELS 1030 AND 3070 WITH FEATURE MODULE 2 ATTENDANT'S GUIDE

This guide contains the information needed to use the Merlin® System attendant console to the best advantage. It describes the features and has a handy feature programming chart. *46 pgs.*
958-137 **$3.10**

999-506-137 MERLIN® COMMUNICATIONS SYSTEM MODELS 1030 AND 3070 WITH FEATURE MODULE 2 USER'S GUIDE

This guide describes the features available on Models 1030 and 3070 with Feature Module 2. It also describes feature usage and optional equipment and has a convenient feature programming chart. *48 pgs.*
956-137 **$1.85**

999-506-138IS MERLIN® COMMUNICATIONS SYSTEM MODELS 1030 AND 3070 WITH FEATURE MODULE 3 ADMINISTRATOR'S MANUAL

This manual takes the user step-by-step through the procedures to customize the Merlin® Communications System Models 1030 and 3070 with Feature Module 3. Includes an addendum. *72 pgs.*
956-138 **$8.80**

999-500-143 MERLIN® COMMUNICATIONS SYSTEM MODELS 1030 AND 3070 WITH FEATURE MODULE 3 USER'S GUIDE

This guide describes the features of Model 1030 and 3070 with Feature Module 3. It also explains how to use these features, describes optional features, and has a convenient feature programming chart. *56 pgs.*
950-143 **$1.90**

999-508-140IS MERLIN® COMMUNICATIONS SYSTEM MODELS 1030 AND 3070 WITH FEATURE MODULE 4 ATTENDANT'S GUIDE

This guide describes the attendant console and its features and uses in Models 1030 and 3070. *48 pgs.*
958-140 **$3.20**

999-500-140 MERLIN® COMMUNICATIONS SYSTEM MODELS 1030 AND 3070 WITH FEATURE MODULE 4 USER'S GUIDE

This book describes the features of Models 1030 and 3070 with Feature Module 4 and how to use them in the workplace. *56 pgs.*
950-140 **$2.00**

999-507-140IS MERLIN® COMMUNICATIONS SYSTEM MODELS 1030 AND 3070 WITH FEATURE MODULE 4 ADMINISTRATOR'S MANUAL

This guide takes the user step-by-step through the procedures for customizing the Merlin® Communications System Models 1030 and 3070 to business communication needs. *120 pgs.*
957-140 **$11.80**

845-658-350IS MERLIN® COMMUNICATIONS SYSTEM MODELS 1030 AND 3070 WITH FEATURE MODULE 4 DOCUMENTATION SET

This is a set of 13 guides that deals with the Merlin® Communications System Models 1030 and 3070. The package contains ten User's Guides (950-140), two Attendant Guides (958-140), and one Administrator's Manual (957-140). *776 pgs.*
984-550 **$38.20**

999-502-140IS MERLIN® COMMUNICATIONS SYSTEM MODELS 1030 AND 3070 WITH FEATURE MODULE 4 PLANNING GUIDE

This guide helps the user decide how to set up the Merlin® Communications System and each voice terminal to fit the needs of the business. *45 pgs.*
952-140 **$9.60**

999-502-143 MERLIN® COMMUNICATIONS SYSTEM MODELS 1030 AND 3070 WITH FEATURE MODULE 5 PLANNING GUIDE

This guide assists the administrator in planning voice terminal feature assignments and system feature assignments with the Merlin® System. The guide explains customizing a Merlin® Communications System and includes instructions for completing system and voice terminal configuration forms. *72 pgs.*
952-143 **$7.70**

999-507-143IS MERLIN® COMMUNICATIONS SYSTEM MODELS 1030 AND 3070 WITH FEATURE MODULE 5 ADMINISTRATOR'S MANUAL

This manual moves step-by-step through the procedures for customizing the Merlin® 1030 and 3070 with Feature Module 5. *190 pgs.*
957-143 **$11.20**

KEY SYSTEMS SERVICE MANUAL VOLUME 1

This document provides identification, installation, wiring, maintenance, connection, and operation information necessary to service Key Systems such as connecting blocks, telephone sets, mounted keys, power units, and other components. *675 pgs.*
325-010 **$118.00**

KEY SYSTEMS SERVICE MANUAL VOLUME 2

This manual contains information concerning 1A, 1A1, and 1A2 Key Telephone Systems. It supports plant craft personnel in their daily work operations and contains the information necessary for installing and maintaining key systems. *500 pgs.*
325-011 **$230.00**

KEY SYSTEMS SERVICE MANUAL VOLUME 3

This volume is a collection of AT&T Practices on Com Key ®Telephone Sets and Systems. Information is given for identification, installation, connection, operation, and maintenance of 575AM, 2575AM, 832, 2832, 833, and 2833 type telephone sets and 718, 1434, 416, and 2152 systems. *521 pgs.*
325-012 **$106.00**

SECURITY SYSTEM 8000 DEALER REFERENCE MANUAL AND INSTALLATION INSTRUCTIONS.

This manual describes the system, operation, components, installation, and troubleshooting procedures for the Security System 8000. *30 pgs.*
403-025 **$13.58**

PUBLIC PHONE PRODUCTS: A TRADITION OF QUALITY

This guide describes the features, benefits, and ordering information on a number of AT&T public phone products. The guide encompasses coin and coinless telephones and their major components, handsets, locks, doors, enclosures, and parts kits. *25 pgs.*
015-050-010 **$1.46**

EMERGENCY CALL SYSTEM MEDICAL ALERT OPERATIONS MANUAL

This manual is intended to be used as a guide for the administration and management of the Emergency Call System Medical Alert Program. It provides information on the options and variables available for the operation protocols. *255 pgs.*
403-020 **$34.80**

EMERGENCY CALL SYSTEM FIRE ALERT MODEL 100 USER CARD (100 PER PACKAGE)

This card describes the features of the Model 100 Fire Alert System. *2 pgs.*
403-002 **$15.90**

EMERGENCY CALL SYSTEM MEDICAL ALERT MODEL 200 USER'S CARD (100 PER PACKAGE)

This card describes the special features of the Model 200 Medical Alert System. *2 pgs.*
403-001 **$6.00**

999-500-200 PAGEPAC 20 POWERMATE VOICE PAGING SYSTEM SERVICE AND INSTALLATION MANUAL

This manual provides information on the service and installation of the PagePac 20 as well as a thorough description of the system. *33 pgs.*
950-200 **$9.60**

999-500-204IS PAGEPAC 20 VOICE PAGING SYSTEM ZONEMATE 9 SERVICE MANUAL

This manual provides information on the installation, programming, system test, maintenance, and troubleshooting procedures for the Zonemate 9. *32 pgs.*
950-204 **$8.70**

999-500-205IS PAGEPAC 20 VOICE PAGING SYSTEM ZONEMATE 39 SERVICE MANUAL

This manual describes the installation, programming, system test, maintenance, and troubleshooting procedures for PagePac Voice Paging System Zonemate 39. *50 pgs.*
950-205 **$8.70**

999-500-237 SPIRIT™ COMMUNICATION SYSTEM USER'S MANUAL

This manual explains how to use the features of the Spirit™ Communication System Models 308, 616 and 2448. *40 pgs.*
950-237 **$2.50**

GUIDES TO AT&T'S INFORMATION SYSTEMS PRODUCTS AND SERVICES SERIES: INFORMATION SYSTEMS CONTROLLERS

This guide describes AT&T's complete line of PBXs including System 85, System 75, and System 25, as well as the Merlin® Communications System. Also included are Unified Messaging services and voice messaging, voice paging, and call accounting systems.

325 pgs.

500-732 **$50.00**

GUIDES TO AT&T'S INFORMATION SYSTEMS PRODUCTS AND SERVICES SERIES: CALL MANAGEMENT SYSTEMS

This guide describes AT&T's automatic call distribution systems for applications such as telemarketing, inquiry/response, and reservation centers.

90 pgs.

500-734 **$30.00**

GUIDES TO AT&T'S INFORMATION SYSTEMS PRODUCTS AND SERVICES SERIES: TELECONFERENCING SYSTEMS

This guide describes teleconferencing applications and AT&T's components, ranging from speakerphones to complete teleconferencing rooms. *35 pgs.*

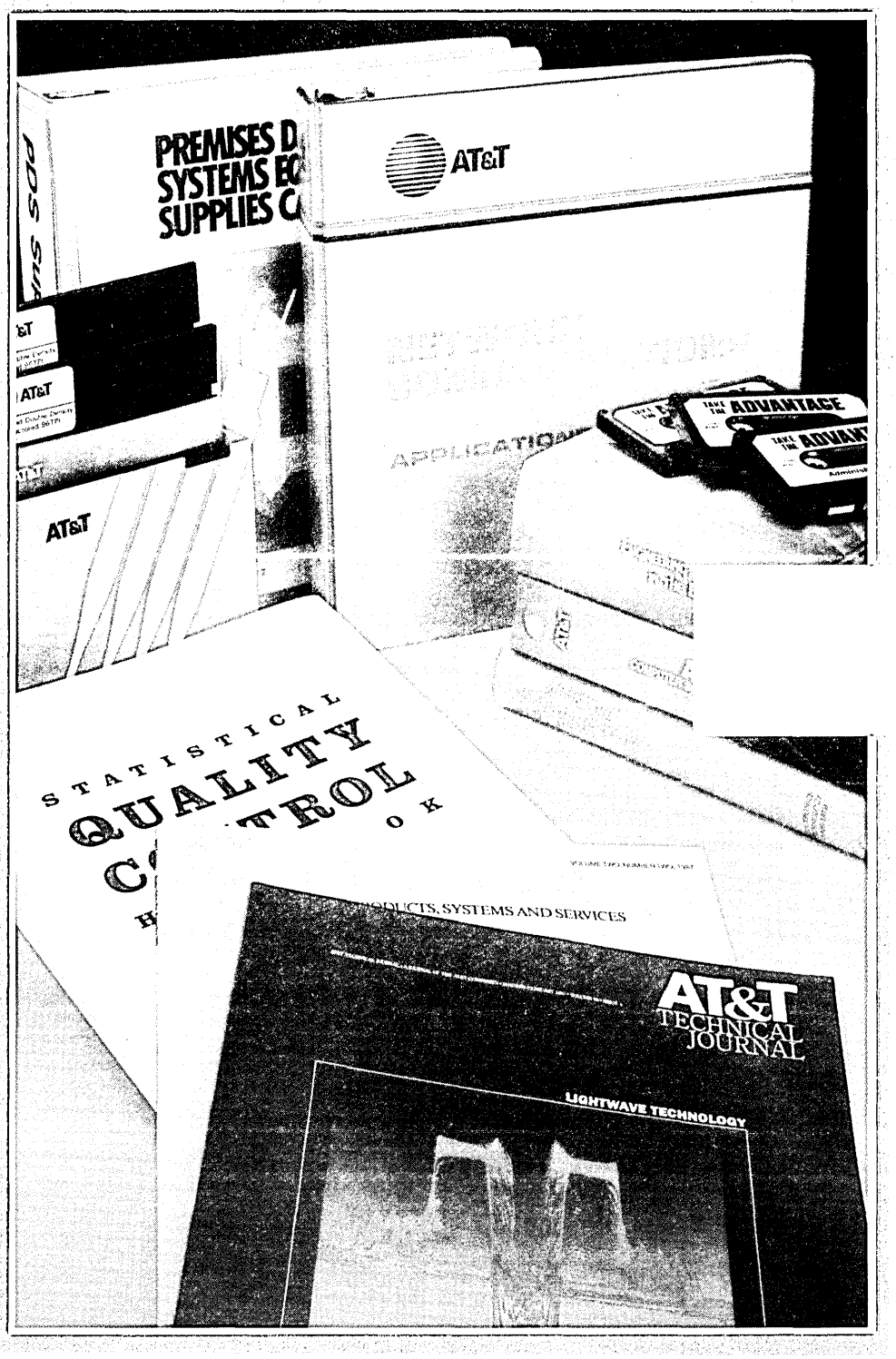
500-735 **$15.00**

GUIDES TO AT&T'S INFORMATION SYSTEMS PRODUCTS AND SERVICES SERIES: SHARED COMMUNICATIONS SYSTEMS

This guide describes AT&T's complete package for shared tenant services. Emphasizing advantages to owners/developers and tenants, it includes an overview of system components.

28 pgs.

500-736 **$15.00**



Technical References

ELECTRONIC SWITCHING SYSTEMS

ELECTRONIC SWITCHING SYSTEMS GROUNDING

This manual presents the practical aspects of Electronic Switching Systems (ESS™) grounding and provides a review of basic grounding. It also provides information for developing an effective ESS™ grounding system.

90 pgs.
700-452 **$17.70**

1AESS™ SWITCH INTERRUPT ANALYSIS HANDBOOK

This handbook identifies specific causes of 1AESS™ Switch interrupts and facilities resolution of most common interrupt problems. Central Control Interrupt Levels A through F and Auxiliary Unit Interjects are covered.

79 pgs.
700-524 **$49.00**

999-700-410 AN INTRODUCTION TO THE 5ESS™ PBX SWITCH

This book introduces the 5ESS™ PBX Switch, a business communications system that provides voice transmission, data communications, networking capabilities, maintenance and administration functions, and office features. Each section of this book looks at the capabilities of this system from a different perspective. *74 pgs.*
970-410 **$12.90**

5ESS™ SWITCH 5E4 GENERIC PROGRAM ISDN BASIC RATE INTERFACE SPECIFICATION

This manual describes, in general terms, the interface requirements between ISDN user terminals and a 5ESS™ Switch equipped with the 5E4 generic program. It is a guide for designers, manufacturers and suppliers of systems and equipment that are compatible with this interface specification. *497 pgs.*
5D5-900-301 **$400.00**

5ESS™ SWITCH 5E4 GENERIC PROGRAM ISDN PRIMARY RATE INTERFACE SPECIFICATION

This manual defines, in general terms, the interface requirements between ISDN customer premises equipment and a 5ESS™ Switch equipped with the 5E4 generic program. It is a guide for designers, manufacturers, and suppliers of systems and equipment that are compatible with this interface specification. *204 pgs.*
5D5-900-302 **$400.00**

5ESS™ SWITCH 5E4 GENERIC PROGRAM TECHNICAL SPECIFICATION

This specification describes the basic design of the 5ESS™ Switch, the functional capabilities, technical specifications, and parameters of the 5E4 generic program as installed by AT&T. As the 5ESS™ Switch continues to evolve with new capabilities and technologies, this specification will be reissued to cover future generic programs and generic releases. This volume is recommended to everyone interested in electronic switching systems. *138 pgs.*
5D5-900-104 **$46.38**

POWER SYSTEMS

EMP ENGINEERING AND DESIGN PRINCIPLES

This book takes a look at the Electromagnetic Pulse (EMP) Program. Contents include: the electromagnetic pulse generation and characteristics, coupling to exterior structures, shielding, coupling inside the facility, component susceptibility, electrical devices for EMP mitigation, EMP testing, and personnel safety. *151 pgs.*
500-052 **$22.00**

DIAGNOSTIC GUIDE FOR REDUCING INDUCTIVE INTERFERENCE

This diagnostic guide has been developed to assist in locating and correcting inductive interference problems. It consists of basic theory, procedural flowcharts and diagnostic sample problems. *35 pgs.*
700-200 **$22.60**

ELECTROSTATIC DISCHARGE CONTROL HANDBOOK

This handbook defines and describes ESD (electrostatic discharge) and its effects on electronic devices. *52 pgs.*
500-000 **$20.60**

TELECOMMUNICATION ELECTRICAL PROTECTION

This text provides practical information and applications as well as training for telecommunication engineers in the electronic protection field regarding reactions to electronic changes such as lightning and power surges. It assumes an electrical engineering degree or equivalent education. *500 pgs.*
350-060 **$49.95**

LINEAGE® 2000 MICROPROCESSOR CONTROLLED SYSTEM/CONVENTIONAL CONTROLLED SYSTEM (MCS/CCS) BATTERY PLANT DESCRIPTION

This document is a description of the Lineage® 2000 Battery Plant. It offers illustrations and diagrams concerning the structure and function of the battery plant. *31 pgs.*
115-007 **$12.80**

LINEAGE® 2000 MICROPROCESSOR CONTROLLED SYSTEM (MCS) CONTROLLER PRODUCT MANUAL

This document describes remote terminal requirements, the channel interface, baud rate rules, ordering information, and much more. *25 pgs.*
115-019 **$49.20**

LINEAGE® 2000 MICROPROCESSOR CONTROLLED SYSTEM (MCS) 400 BATTERY PLANT PRODUCT MANUAL

This guide describes the Lineage® 2000 MCS 400 Battery Plant and its available options, controllers, and Expandable Controlled System (XCS) controllers. *100 pgs.*
115-015 **$22.80**

LINEAGE® 2000 MICROPROCESSOR CONTROLLED SYSTEM (MCS) BATTERY PLANT PRODUCT MANUAL

This manual contains technical data, installation test requirements, figures, diagrams, and tables for the Lineage® 2000 Battery Plant. *73 pgs.*
115-010 **$32.60**

LINEAGE® 2000 EXPANDABLE CONTROLLED SYSTEM (XCS) CONTROLLER MICROPROCESSOR BOARD OPTION PRODUCT MANUAL

This manual describes the Lineage® 2000 XCS Microprocessor Board and contains information on unpacking procedures, installation, operation, initialization, calibration, and trouble analysis. *100 pgs.*
115-021 **$39.80**

LINEAGE® 2000 EXPANDABLE CONTROLLED SYSTEM (XCS) CONTROLLER PRODUCT MANUAL

This manual contains technical data, installation test requirements, figures, diagrams, and tables on the Lineage® 2000 XCS Controller. *37 pgs.*
115-016 **$21.00**

LINEAGE® 2000 CONVENTIONAL CONTROLLED SYSTEM (CCS) BATTERY PLANT PRODUCT MANUAL

This manual contains technical data, installation test requirements, figures, diagrams, and tables on the Lineage® 2000 Conventional Controlled System Battery Plant. *46 pgs.*
115-011 **$22.60**

LINEAGE® 2000 REMOTE ACCESS SYSTEM PRODUCT MANUAL

This manual gives a general introduction, description, and specification for the Remote Access System. *97 pgs.*
115-005 **$70.40**

LINEAGE® 2000 RECTIFIERS PRODUCT MANUAL

This manual provides information concerning installation, operation, maintenance, trouble clearing, and spare parts of the Lineage® 2000 Rectifiers. *95 pgs.*
115-013 **$67.60**

LINEAGE® 2000 RADIO COMMUNICATIONS LINK (RCL) BATTERY PLANT PRODUCT MANUAL

This manual provides information on the warranty provisions, installation, rectifier operation, and trouble clearing of the Lineage® 2000 RCL Battery Plant. *63 pgs.*
115-012 **$37.60**

POWER LINE CONDITIONER (PLC) MODEL 100P411 PRODUCT MANUAL

This manual provides a general description and contains information on the specifications, controls and indicators, and installation of the PLC. *37 pgs.*
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