

SYSTEM USER

DOCUMENTATION CATALOG



**MCDONNELL DOUGLAS
COMPUTER SYSTEMS COMPANY**

TABLE OF CONTENTS

TOPIC — MANUAL TITLE	NUMBER	PAGE
INTRODUCTION		
McDonnell Douglas Computer Systems Company		1
A Product Sampler		2
Technical Publications		3
How To Use This Catalog		4
REALITY® OPERATING SYSTEM		
Programming		5
ENGLISH Programming Manual	1073	6
EDITOR Programming Manual	1077	6
DATA/BASIC Programming Manual	1072	6
PROC Programming Manual	1074	7
SCREENPRO Programming Manual	1088	7
Operator's Quick Guide	1151	7
Security System	1310	7
Multi Relational Environment Software		
ALL General Description Manual	1150	8
User's Guide to the ENGLISH Retrieval Language	1302	8
User's Guide to Natural Language	1303	8
User's Guide to Prompter	1304	8
ALL User's Reference Manual	1305	9
TCL*	1311	9
ALL User's Reference Manual	1148	9
ALL Operator's Guide	1149	9
ALL Demonstration Guide	1194	10
NATURAL LANGUAGE, User Training and Installation Guide	1261	10
Utility Software		
BISYNC	1043	11
REALCALC Reference Manual	1187	11
REALCALC Tutorial Manual	1188	11
REALCALC Spreadsheet Planner Demonstration Guide	1193	11
WORDMATE General Description	1134	12
WORDMATE User's Training Manual	1135	12
Applications Software		
RESULTS Manuals		13
RESULTS Installation Guide	1161	13
RESULTS Accounts Payable Operator's Manual	1162	13
RESULTS General Ledger and Financial Reports Operator's Manual	1163	14
RESULTS Accounts Receivable Operator's Manual	1164	14
RESULTS Payroll Operator's Manual	1165	14
RESULTS Job Accounting Operator's Manual	1166	15
RESULTS Fixed Assets Operator's Manual	1167	15
RESULTS Order Entry and Invoicing Operator's Manual	1168	15
RESULTS Over-The-Counter Invoicing Operator's Manual	1169	16
RESULTS Inventory Control Operator's Manual	1170	16
RESULTS Purchase Order Operator's Manual	1171	16
RESULTS Sales Analysis Operator's Manual	1172	17
RESULTS Accounts Payable System Manual	1173	17

TABLE OF CONTENTS (cont'd)

TOPIC -- MANUAL TITLE	NUMBER	PAGE
RESULTS General Ledger and Financial Reports System Manual	1174	17
RESULTS Accounts Receivable System Manual	1175	18
RESULTS Payroll System Manual	1176	18
RESULTS Job Accounting System Manual	1177	18
RESULTS Fixed Assets System Manual	1178	19
RESULTS Order Processing and Invoicing System Manual	1179	19
RESULTS Over-The-Counter Invoicing System Manual	1180	19
RESULTS Inventory Control System Manual	1181	20
RESULTS Purchase Order System Manual	1182	20
RESULTS Sales Analysis System Manual	1183	20
 MICRODATA® 1000 WORKSTATIONS		 21
GENERAL		
MICRODATA® 1000 Intelligent Workstation, General Description Manual	1257	22
User Installation Guide	1236	22
microMANAGER Manual	1211	22
OPERATING SYSTEM		
MICRODATA® 1000 System Reference Manual	1300	23
Executive Manual	1216	23
Status Codes Manual	1221	23
CTOS Operating System Manual	1219	23
APPLICATIONS -- CTOS		
microWORD Reference Manual	1204	24
microWORD User's Guide	1205	24
microWORD Quick Reference	1206	24
microGRAPH Reference Manual	1207	24
microGRAPH User's Guide	1208	24
Extended Multiplan Reference Manual	1209	25
Extended Multiplan Tutorial	1210	25
microMAIL User's Reference Manual	1212	25
microMAIL Administrator's Guide	1213	25
microWORD PLUS Reference Manual	1295	26
microWORD PLUS User's Guide	1296	26
microWORD PLUS Quick Reference	1297	26
COMMUNICATIONS		
Enhanced BSC 3270 Emulator Manual	1244	27
SNA 3270 Emulator Manual	1245	27
SNA Network Gateway Manual	1246	27
APPLICATIONS -- MS-DOS		
MS-DOS User's Guide	1215	28
MS-DOS Programmer's Reference	1217	28
MS-DOS MacroAssembler	1218	28
 MICRODATA® 4000 SYSTEMS (REALITY®)		 29
GENERAL		
Introduction to REALITY®	1076	30
REALITY® Installation and Planning Guide	1066	30
REALITY® System Operation Guide	1136	30
OPERATING SYSTEM		
REALITY® Programmer's Reference Manual	1071	31
REALITY® Assembly Language Programming Manual	1078	31

TABLE OF CONTENTS (cont'd)

TOPIC — MANUAL TITLE	NUMBER	PAGE
MICRODATA® 6000 SYSTEMS		32
GENERAL		
MICRODATA® 6000 System Installation and Planning Guide	1238	33
MICRODATA® 6000 User Guide	1306	33
MICRODATA® 6000 System Administrator Guide	1307	33
OPERATING SYSTEM		
MICRODATA® 6000 System Reference Manual	1308	34
MICRODATA® 6000 System Editor	1309	34
MICRODATA® 7000 SYSTEMS (SOVEREIGN)		35
GENERAL		
MICRODATA® 7000 General Description Manual	1152	36
Supervisor's Guide	1115	36
Quick Reference Guide	1291	36
7000 System Installation and Planning Guide	1190	36
High Quality Printer Operator's Guide	1199	37
Information Terminal User's Guide	1201	37
Matrix Printer Operator's Guide	1249	37
OPERATING SYSTEM		
System Operation	1276	38
System Reference Manual	1114	38
ECL Reference Manual	1119	38
Mirror Image Processing	1250	39
Editor Reference	1118	39
Editor Reference	1265	39
Error Messages and Recovery Procedures	1192	39
System Equipment and Operation	1117	40
PROGRAMMING		
COBOL Language Reference Manual	1121	41
BASIC and KeyBASIC Facts Card	1195	41
BASIC and KeyBASIC Reference Manual	1120	41
APPLICATIONS — BATCH ENTRY		
Batch Entry Operator's Guide	1124	42
Batch Control Commands	1123	42
Formatting Reference Manual	1125	42
APPLICATIONS — OFFICE AUTOMATION		
TEXTPRO Self-Teach Guide	1247	43
TEXTPRO Supplement	1258	43
TEXTPRO User's Guide	1259	43
TEXTPRO IV Reference Manual	1260	43
COMMUNICATIONS		
Interactive and Batch SNA Reference	1264	44
Bisynchronous 3270 Emulation Reference	1128	44
2780PLUS Emulation Reference	1127	44
HASP Emulation Reference	1126	44
Teledata Reference Manual	1200	45

TABLE OF CONTENTS (cont'd)

TOPIC -- MANUAL TITLE	NUMBER	PAGE
MICRODATA® 9000 SYSTEMS		46
GENERAL		
MICRODATA® 9000 General Description Manual	1191	47
MICRODATA® 9000 System Operation Guide	1137	47
MICRODATA® 9000 Installation and Planning Guide	1159	47
OPERATING SYSTEM		
MICRODATA® 9000 Programmer's Reference Manual	1109	48
MICRODATA® 9000 Assembly Language Programming Manual	1108	48
MICRODATA® 9208 Addendum	1312	48
ANALYST HANDBOOK		49
PERIPHERAL EQUIPMENT		50
5750 Terminal Operator's Guide	1099	51
5750 Terminal 2780PLUS Communications Executive	1101	51
PRISM II Operator's Guide	1104	51
PRISM 4 Terminal Operator's Guide (Models 5430 and 5432)	1160	52
PRISM 4 Terminal Operator's Guide (Models 5433 and 5435)	1196	52
POWER CONDITIONERS		53
INSTRUCTIONS FOR ORDERING		55
PRICELIST		56
ORDER FORMS		57

INTRODUCTION

McDonnell Douglas Computer Systems Company

McDonnell Douglas Computer Systems Company began operations in 1967 as a small electronics firm, Microdata Corporation. Since then, the company has recorded an exceptional record of growth and success. The name 'Microdata' was derived from the microprogramming techniques developed by the enterprising group of engineers who comprised the nucleus of the original organization. Such techniques paved the way for the development of modern computers.

The company developed several business systems, but it was not until 1974 that the business community recognized the fledgling company. In that year, Microdata introduced the REALITY® Operating System, a relational data base management system that greatly facilitated adding, updating and retrieving of data. Additionally, a new and simpler retrieval/report generation language, ENGLISH, also gave the non-technical user a direct method of accessing information quickly and easily.

Within two years, Microdata's phenomenal success led to a series of timely acquisitions, including the acquisition of a printer manufacturer and computer companies abroad. In 1978, Microdata acquired Computer Machinery Company, LTD., one of the leading computer organizations in the United Kingdom. Today, this company is known as McDonnell Douglas Information Systems International and is second only to IBM in computer system sales in the United Kingdom.

In the United States, nationwide surveys of users ranked the REALITY® System number one for reliability in 1977, 1979, 1980 and 1981. The Company's SEQUEL System, now known as the Microdata 9000, incorporates the REALITY® Operating System, and scored equally high in user surveys in 1984.

By 1979, Microdata was the world's sixth largest supplier of minicomputers and was itself acquired by McDonnell Douglas Corporation, one of the Fortune Top 50 industrial firms, with annual sales in excess of \$7 billion.

In 1982, the Company acquired new marketing arms in Switzerland and West Germany and continued to develop and implement new technologies throughout its extensive product line. Since 1982, each sales year has broken the record established in the prior year. 1984 Sales totaled a record \$205 million, and record breaking sales are anticipated for 1985.

In January of 1985, Microdata Corporation became McDonnell Douglas Computer Systems Company, capitalizing on the strength and image of its parent company, McDonnell Douglas.

In addition to the computer systems noted above, McDonnell Douglas Computer Systems Company also offers a wide range of software packages, including RESULTS for business management, WORDMATE, TEXTPRO and microWORD for integrated word and data processing, REALCALC and Multiplan for spreadsheet processing, and many other packages aimed at specific business segments.

The entire McDonnell Douglas Computer Systems Company product line is backed by an international network of field service sites and over 500 technicians.

Today, the McDonnell Douglas Computer Systems Company research and development staff is continuing to develop computers that understand people. Gary E. Liebl, President and CEO, emphasizes, 'We are in the business of providing solutions,' and points to the Company's renewed dedication to innovation and leadership in the field of business computing, as evidenced by the successful introduction of the Microdata 1000 Intelligent Workstation and Natural Language.

As a major constituent of the McDonnell Douglas Information Systems Group, our company is enjoying a resurgence of spirit and growth. This group positions us in the forefront of information processing technology and places the Company in a position to pass the latest innovations on to its customers who benefit in many ways, including state-of-the-art technology and the synergism of the different components of the Information Systems Group.

A Product Sampler

Natural Language

Natural Language represents the next generation in machine interface. Through the use of artificial intelligence technology, the system is able to learn the user's language, rather than vice versa. Natural Language allows completely free-form database inquiry without the enforced syntax common with other retrieval languages. In effect, it 'translates' the user's statement into the appropriate ENGLISH command for database access. It 'learns' the user vocabulary and usage over time and even adapts to spelling, syntax and punctuation errors.

ALL -- Application Language Liberator

ALL is a revolutionary concept in application generation. It is a very powerful and cost efficient software productivity tool that enables the easy creation and modification of applications as dictated by the user's business needs. The application is simply created through a series of menus and fill-in-the-blanks screens that define the user's specifications and requirements. ALL, which is self-documenting, dramatically reduces the time needed for application generation and routine maintenance activities.

MICRODATA® 1000 Intelligent Workstation

The MICRODATA® 1000 Intelligent Workstation combines relational database management with a full range of office automation functions that can run simultaneously. It combines personal computing power with direct access to corporate databases and applications software, and, as such, becomes a desktop extension of the larger system, such as the MICRODATA® 6000, 7000, and 9000 Systems. The MICRODATA® 1000 uses microREALITY, a new version of the REALITY® Operating System, providing a built-in relational database. Additionally, the MICRODATA® 1000 offers optional color graphics and 3270 communications to an IBM host in both Bisync and SNA environments.

MICRODATA® 6000 Series Relational Database Management Systems

The new MICRODATA® 6000 Series brings the power of the REALITY® database management system to the smaller business or single department of a larger company. Available in either of two compact units, a low-boy or vertical cabinet, the MICRODATA® 6000 offers complete software compatibility with the larger MICRODATA® 9000 Series for upward mobility. Offering real-time transaction processing for up to 48 concurrent users, the MICRODATA® 6000 also incorporates a new asynchronous communications capability that dramatically reduces cabling requirements.

MICRODATA® 7000 Distributed Data Processing System

The MICRODATA® 7000 answers the needs of today's diverse business environments for equally diverse capabilities from their computing system. The MICRODATA® 7000 incorporates advanced state-of-the-art multi-processor architecture consisting of independent processors connected via a high speed local area network. The system, which is modular by design, can efficiently handle high speed data entry, batch and transaction processing, communications, office automation, application generation—all with a speed, power and accuracy that brings an immediate response to your information needs.

MICRODATA® 9000 Series Database Management Super Systems

The MICRODATA® 9208 is a large, powerful business system designed to handle the information processing transactions of companies requiring a large number of terminals on site or in remote locations. Capable of supporting up to 208 users at once, the 9208 is driven by the REALITY® Database Management System and can be configured to perform multiple tasks simultaneously. Offering users incredible real time processing speed and system performance, the MICRODATA® 9208 combines the benefits of a single system database with exceptional ease of use.

Communications Products

The McDonnell Douglas Computer Systems Company line of network processors and statistical multiplexors permit our computer systems to be linked together efficiently and economically in local, national and international networks, communicating with each other and with IBM mainframes. Our network processing systems incorporate the most advanced technology and provide a broad range of capabilities including multiple host selection, port sharing, automatic logoff, alternate routing, file transfers and on-line reconfiguration. Our statistical multiplexors accommodate a variety of networking needs, ranging from small point-to-point networks to complex multinode communications systems.

Technical Publications

As McDonnell Douglas Computer Systems Company has grown from the beginnings of Microdata Corporation, so too has Technical Publications grown from earlier efforts of the Microdata Engineering and Marketing departments to produce service and end-user documents.

In 1983 the Technical Publications Department was organized as part of Microdata North American Field Service to meet the requirements of Field Service for the production of service and maintenance manuals, Customer Engineer Handbooks, and other service and training documentation. At the same time, a writing group was growing under Marketing Services to produce operator and software manuals.

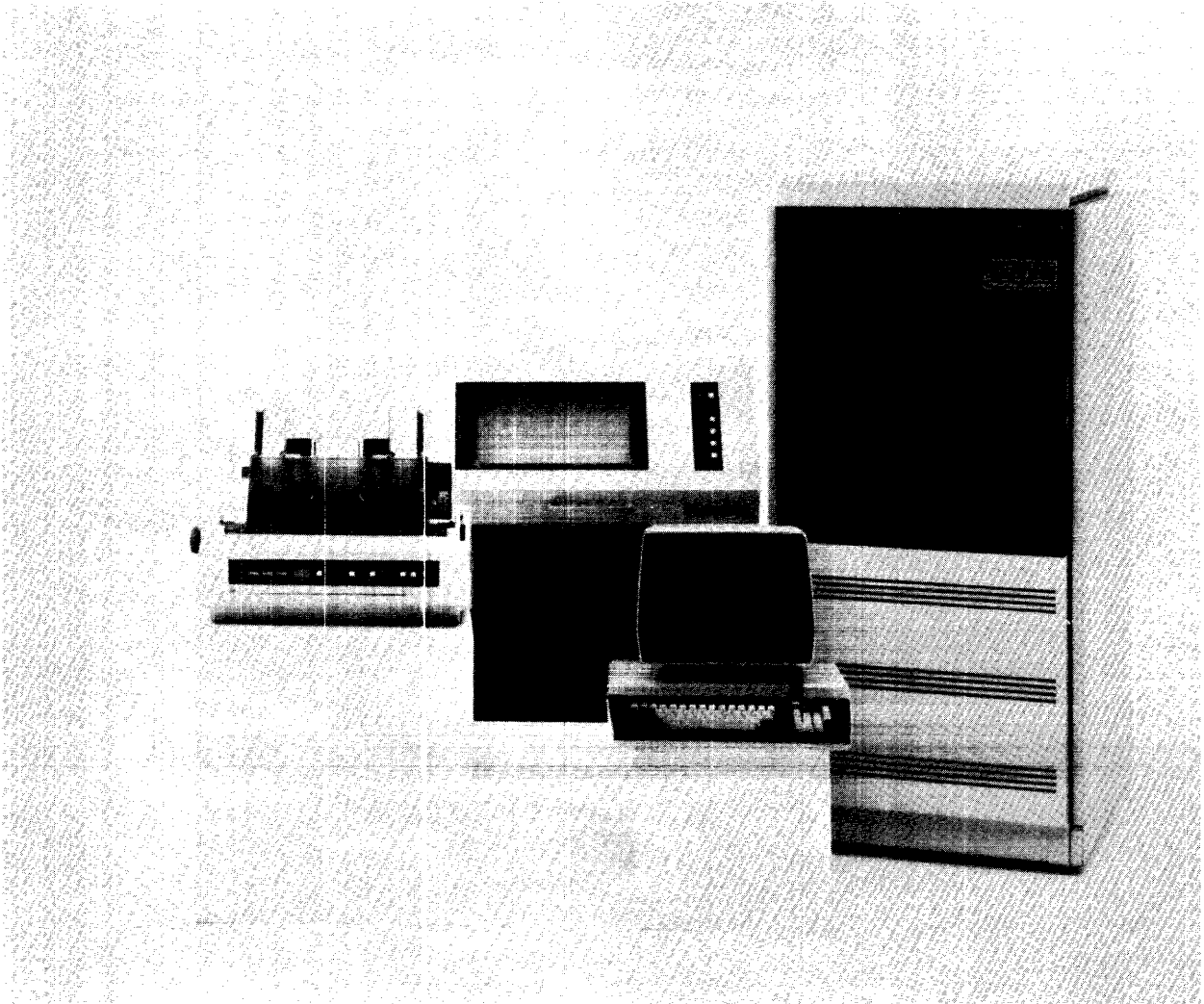
In 1985 the two groups were merged into one Technical Publications Department within the newly formed McDonnell Douglas Field Service Company. Technical writing emanates from two writing groups: the 'hardware' writers who continue to produce service documentation and the 'software' writers who produce end-user documentation. Additionally, many special projects are contracted with outside services to keep pace with the rapidly expanding Computer Services Company product line.

The Technical Publications Department is further comprised of personnel and facilities for art and technical illustration services, word processing, phototypesetting, line art and half-tone camera work, reprographics, and distribution. Technical Publications has grown, and will continue to grow, as necessary, to meet the needs of the customer, the user of our publications.

How To Use This Catalog

A	B
C	
D	
E	F

- A—Title of Manual
- B—Publication Order Number
- C—Publication Description
- D—Intended Reader
- E—Targeted Software Release
- F—Publication Date



MICRODATA® 4700

REALITY® OPERATING SYSTEM

This section contains manuals pertaining to Programming Languages, Multi Relational Environment Software, Utility Software, and Applications Software for the REALITY® Operating System and is applicable to all MICRODATA® 4000, MICRODATA® 6000, and MICRODATA® 9000 Systems.

PROGRAMMING

ENGLISH Programming Manual	1073
A generalized reference manual of the data retrieval/report generator language ENGLISH. It describes the data file structure, functional calculations, interfile retrieval operations, and output display formats that the convenient dictionary driven language can perform. It also describes the retrieval and selection operations for feeding other processors like DATA/BASIC and PROC, etc.	
Novice to intermediate User	
REALITY® 4.0—4.2; MICRODATA® 9000 1.0—1.1	1983 <i>40.00</i>

EDITOR Programming Manual	1077
The EDITOR permits on-line interactive access to all data elements. This manual is used in creating/modifying DATA/BASIC programs, PROCs, RUNOFF text etc., and presents in detail the processor commands and their structure and usage.	
Experienced User	
REALITY® 4.0—4.1; MICRODATA® 9000 1.0	1982 <i>13.00</i>

DATA/BASIC Programming Manual	1072
A DATA/BASIC (extension of Dartmouth Basic) programmer's reference manual with emphasis on string data manipulation. It specifically addresses data representation; I/O and Control statements; dynamic arrays; and intrinsic functions. It also includes usage (compiling and executing) procedures and the DATA/BASIC symbolic debugger.	
Novice to experienced Programmer	
REALITY® 4.0—4.1; MICRODATA® 9000 1.0	1982 <i>80.00</i>

REALITY® OPERATING SYSTEM

PROGRAMMING

PROC Programming Manual	1074
The PROC manual defines the JCL type language that enables a prestored series of complex operations (any DBMS processor command) to be invoked. It elaborates on its interactive terminal prompting, data movement, printer formatting, input validation, arithmetic calculations, and file input/output capabilities.	
Experienced system user	
REALITY® 4.0--4.1; MICRODATA® 9000 1.0	1982 <i>42.00</i>

SCREENPRO Programming Manual	1088
This manual is divided into two parts; the User's Guide dealing with overviews and examples and the Reference Guide defining the commands and their usage. SCREENPRO allows users to create/design, modify/test, and document screen handlers which display text and inputs and provide for validations and updates.	
Novice to experienced DATA/BASIC Programmer	
REALITY® 4.0--4.1; MICRODATA® 9000 1.0	1982 <i>62.00</i>

Operator's Quick Guide	1151
This 8 1/2' by 5 1/2' guide provides a quick reference to the most frequently used processors. Each chapter of EDITOR, ENGLISH, RUNOFF, and Spooler includes a description of all verb/command formats and corresponding elements.	
All Users	
REALITY® 4.0--4.1; MICRODATA® 9000 1.0	1982 <i>19.00</i>

Security System	1310
This manual describes the Security used on the Reality Operating System.	
Experienced Users and Programmers	
MICRODATA® 9208 5.1; MICRODATA® 9000 1.3; ×MICRODATA® 6000 1.1; MICRODATA® 4000 4.3	<i>46.00</i>

REALITY® OPERATING SYSTEM

MULTI RELATIONAL ENVIRONMENT SOFTWARE

ALL General Description Manual	1150
What is ALL? How does ALL work? How are applications developed using ALL? How ALL interfaces to existing system programs and the benefits of using ALL are the topics that are answered in this manual.	
All interested persons	
ALL 1.0	1984

User's Guide to the ENGLISH Retrieval Language	1302
Contains tutorials and reference material that will increase your understanding of ENGLISH.	
Some knowledge of user's database and ENGLISH	
	1985 <i>46.00</i>

User's Guide to Natural Language	1303
Natural Language is designed to make getting information from your Database Management System as 'natural' and easy as possible. The self-paced Tutorials are your key to using and understanding NATURAL LANGUAGE. Tips on using Natural Language are included to give you some insight into how it handles specific kinds of inquiries. The commands for entering, SAVEing, RECALLing, or modifying statements are detailed. The Tutorial on LEARNing and FORGETting will show you how to teach NATURAL LANGUAGE new word and phrase associations.	
All Interested Persons Release:	1985 <i>15.00</i>

User's Guide to Prompter	1304
The five self-paced tutorials guide you through the process of building simple or complex ENGLISH statements using PROMPTER's easily accessible keys. Other PROMPTER features such as saving lists, designing labels, and deleting methods are explained.	
Some knowledge of user's database and ENGLISH	
	1985 <i>15.00</i>

REALITY[®] OPERATING SYSTEM

MULTI RELATIONAL ENVIRONMENT SOFTWARE

ALL User's Reference Manual	1305
ALL is an interactive application processor used to implement, maintain, document, and execute business applications and to define and maintain the database structure. This reference manual provides all the necessary information to develop new applications using a 4th generation language.	
Novice to experienced ALL Programmer	
	1985

TCL*	1311
This manual describes the use of TCL*, the user interface to the REALITY [®] operating system.	
All Users	
MICRODATA [®] 9208 5.1; MICRODATA [®] 9000 1.3; MICRODATA [®] 6000 1.1; MICRODATA [®] 4000 4.3	8.10

ALL User's Reference Manual	1148
ALL (a 4th generation language) is an application generator operating system designed to implement, maintain, document (ALL Generator), and execute (ALL Executive) business applications in a function and data-field-oriented environment. There are sections defining system security, data definitions, and modify functions. Also included are the screen building, reporting, and updating processors.	
Novice to experienced ALL programmer	
REALITY [®] ; MICRODATA [®] 9000; MICRODATA [®] 6000; MICRODATA [®] 1000	1983

ALL Operator's Guide	1149
This manual is designed to teach the non-technical ALL User how to get information in and out of their system. To help learn the basic structure, this manual will be a guide to developing a typical application using ALL by step-by-step examples.	
Novice to intermediate ALL programmer	
ALL 1.0	1983

REALITY® OPERATING SYSTEM

MULTI RELATIONAL ENVIRONMENT SOFTWARE

ALL Demonstration Guide	1194
It contains a script that will guide someone who is unfamiliar with ALL through a step-by-step demo of the product. Briefly, the areas within the guide are Screen function operating conventions, Logon procedures, and sample modifications to perform.	
Novice user of ALL	
ALL 1.0	1983

NATURAL LANGUAGE, User Training and Installation Guide	1261
NATURAL LANGUAGE, developed from artificial intelligence research, is pattern recognition software whose main objective is to improve the human interface to REALITY®, MICRODATA® 9000, and MICRODATA® 6000 systems. NATURAL LANGUAGE installation, theory of operation, and limitations are explained. Practical examples for use in your environment as a front-end to ENGLISH and TCL+ are also presented.	
All interested persons	
NATURAL LANGUAGE 1.0	1984 <i>13.00</i>

REALITY® OPERATING SYSTEM

UTILITY SOFTWARE

BISYNC	1043
Describes the REALITY® emulation of Bisync data communications protocol used by IBM Series 2780 Workstations and the special REALITY® verbs required for its use. Also included are an overview of data communications, tutorial examples, and special sections on modems and troubleshooting.	
Technical Expert on Communications	
REALITY® 3.0; MICRODATA® 9000 1.0	1977

REALCALC Reference Manual	1187
REALCALC is a financial planning tool designed for non-technical users. It allows access to data from anywhere in the system's database. This manual describes the REALCALC spreadsheet commands, formulas, and installation procedures.	
REALCALC Users	
REALITY® ; MICRODATA® 9000	1983

REALCALC Tutorial Manual	1188
This manual contains 6 lessons with each succeeding one adding new commands for your use, plus increasing your overall knowledge of the software product. Some of the topics covered are the REALCALC screen and the cursor movement within it, building and loading a worksheet, arithmetic operations, and creating an interest schedule.	
Novice User of REALCALC	
REALITY® ; MICRODATA® 9000	1983

REALCALC Spreadsheet Planner, Demonstration Guide	1193
This manual and a sample account (REALCALC-DEMO) have been prepared to assist in the demonstration of REALCALC. Using the instructions and samples provided, one can give a thorough presentation of the software package capabilities.	
Novice User of REALCALC	
REALCALC 1.0	1983

REALITY® OPERATING SYSTEM

UTILITY SOFTWARE

WORDMATE, General Description	1134
An introduction to and general description of WORDMATE, a comprehensive, easy-to-use word processing software package. The features, questions & answers, performance characteristics, and hardware components are outlined. The package is designed as a complement to data processing.	
All interested persons	
REALITY® ; MICRODATA® 9000; MICRODATA® 6000	1982

WORDMATE User's Training Manual	1135
This operator training manual, designed to stand on a desk top, covers WORDMATE basics, advanced editing, and printer usage. The operator learns to use the software package with self-paced instructional material and sample documents. All sections are complete with illustrations, examples, and exercises.	
All WORDMATE users	
WORDMATE 1.0	1982

REALITY® OPERATING SYSTEM

APPLICATIONS SOFTWARE

RESULTS Manuals	Listed below
<p>The descriptions for the RESULTS manuals are about the application software itself and should help in understanding the module and its relationship to the total package. The following items are included in each of the manuals: Program descriptions, File layouts and data element descriptions, Data entry and inquiry screen layouts, plus Sample reports. Operator manuals contain step-by-step instructions for each module.</p>	
RESULTS Users	
RESULTS 8.0	1983

RESULTS, Installation Guide	1161
<p>This guide is to be used as an aid in the installation of RESULTS modules. It discusses planning for correct module implementation and operation, including scheduling, supplies, and required manuals. Data collection documents for all modules are included, as well as descriptions of system maintenance menus.</p>	
RESULTS Users	
RESULTS 8.0	1980

RESULTS, Accounts Payable, Operator's Manual	1162
<p>The Accounts Payable System is based on an 'open item' voucher system. It contains the following features: Automatic computation of payment due dates and discounts, Full optional override of all automatic computations, Processing of manually prepared checks and advance payments against future invoices, Check reconciliation procedures, and automatic posting to the General Ledger.</p>	
RESULTS APS Users	
RESULTS 8.0	1980

REALITY® OPERATING SYSTEM

APPLICATIONS SOFTWARE

RESULTS, General Ledger & Financial Reports, Operator's Manual	1163
The General Ledger System is the heart of the RESULTS financial package. Some unique features are: Multiple company, locations and departments processing; Revenue and expense budgets for variance reports, Hard copy audit trails supporting all transactions, Provision for three types of adjustments (1) manual or standard journal entries, (2) automatic reversing journal entries and (3) recurring journal entries. Financial statements can be tailored to fit your unique requirements.	
RESULTS GLS Users	
RESULTS 8.0	1983

RESULTS, Accounts Receivable, Operator's Manual	1164
The Accounts Receivable System is designed to process multi-companies simultaneously using the 'open item' method. Some features are: A complete audit trail, Ability to handle multiple payments per invoice, Automatically or manually process service charges, Flexible receipt recording including posting on account to specific invoices or to a range of screen displayed invoices.	
RESULTS ARS Users	
RESULTS 8.0	1983

RESULTS, Payroll, Operator's Manual	1165
The Payroll System provides a complete range of processing, recording, and analytical functions. Some of the features are: Processing for both hourly and salaried, User controlled frequency, Hard copy audit trails are produced for any tax or rate changes, W-2 reporting, Ability to print multiple checks per employee per pay period. Check reconciliation sub-system.	
RESULTS PRS Users	
RESULTS 8.0	1980

REALITY® OPERATING SYSTEM

APPLICATIONS SOFTWARE

RESULTS, Job Accounting, Operator's Manual	1166
The Job Accounting System will allow you to analyze the charges and billings associated with a uniquely identifiable job and get an accurate status of any currently-in-process or completed job. The JAS will not interface to the GLS. Some of the features are: Job labor distribution by job, employee, and department, Job profit and loss, Detailed cost analysis of vendor charges by job and vendor.	
RESULTS JAS Users	
RESULTS 8.0	1983

RESULTS, Fixed Assets, Operator's Manual	1167
Fixed Assets Accounting is capable of handling additions, changes, disposals, and depreciation calculations. Each asset may be depreciated by various methods including straight-line, double-declining balance, sum-of-year's digits and accelerated cost recovery. Each asset may automatically be interfaced or selectively excluded with the General Ledger System.	
RESULTS FAS Users	
RESULTS 8.0	1983

RESULTS, Order Entry and Invoicing, Operator's Manual	1168
Order Processing and Invoicing includes validating and recording of orders, checking stock quantities, pricing and printing orders, picking tickets and packing slips. The module also prints invoices and credit memos. Some of the other features are: Provision for processing multiple companies and warehouse locations; Flexible automatic pricing with override and commission scheme, On-line customer credit checking, Pre-bill or post-bill processing; and interactive interface to Inventory Control and General Ledger Systems.	
RESULTS OIS Users	
RESULTS 8.0	1983

REALITY® OPERATING SYSTEM

APPLICATIONS SOFTWARE

RESULTS, Over-The-Counter Invoicing, Operator's Manual	1169
The Over-the-Counter System is designed for those businesses that require processing of carry-out counter orders. It works directly with the Order Processing System and includes recording and validating of orders, checking stock quantities, product pricing and selection of printing methods (immediate or none).	
RESULTS OCS Users	
RESULTS 8.0	1983

RESULTS, Inventory Control, Operator's Manual	1170
The Inventory Control System is designed to provide perpetual inventory by company and by warehouse. The Purchase Order System is an integral part of inventory processing and should be installed at the same time. Some features are: Inventory balances maintained by warehouse, Ability to transfer stock between warehouses, Product sales history and forecasting, plus pricing and inventory costing by warehouse.	
RESULTS ICS Users	
RESULTS 8.0	1983

RESULTS, Purchase Order, Operator's Manual	1171
The purchase order system was designed to be an integral part of the Inventory Control System. Some of the features offered are: Produce and maintain purchase orders for multiple warehouses with multiple delivery dates, ability to change any part of an existing order which includes adding or deleting line items plus status and overdue reports.	
RESULTS POS Users	
RESULTS 8.0	1983

REALITY® OPERATING SYSTEM

APPLICATIONS SOFTWARE

RESULTS, Sales Analysis, Operator's Manual	1172
The Sales Analysis System is designed to be a sub-system of the Order Processing and Invoicing System. Some of the features are: User maintainable report parameters and the ability to override for one-time reporting requirements, Ability to analyze current year, last year, and year-to-year variances by month or year-to-date.	
RESULTS SAS Users	
RESULTS 8.0	1983

RESULTS, Accounts Payable, System Manual	1173
The Accounts Payable System is based on an 'open item' voucher system. It contains the following features: Automatic computation of payment due dates and discounts, Full optional override of all automatic computations, Processing of manually prepared checks and advance payments against future invoices, Check reconciliation procedures, and automatic posting to the General Ledger.	
RESULTS APS Users	
RESULTS 8.0	1983

RESULTS, General Ledger & Financial Reports, System Manual	1174
The General Ledger System is the heart of the RESULTS financial package. Some unique features are: Multiple company, locations, and departments processing; Revenue and expense budgets for variance reports; Hard copy audit trails supporting all transactions; Provision for three types of adjustments (1) manual or standard journal entries (2) automatic reversing journal entries and (3) recurring journal entries. Financial statements can be tailored to fit your unique requirements.	
RESULTS GLS Users	
RESULTS 8.0	1980

REALITY® OPERATING SYSTEM

APPLICATIONS SOFTWARE

RESULTS, Accounts Receivable, System Manual	1175
<p>The Accounts Receivable System is designed to process multi-companies simultaneously using the 'open item' method. Some features are: A complete audit trail; Ability to handle multiple payments per invoice; Automatically or manually process service charges; Flexible receipt recording including posting on account, to specific invoices or to a range of screen displayed invoices.</p>	
RESULTS ARS Users	
RESULTS 8.0	1983

RESULTS, Payroll, System Manual	1176
<p>The Payroll System provides a complete range of processing, recording and analytical functions. Some of the features are: Processing for both hourly and salaried; User controlled frequency; Hard copy audit trails are produced for any tax or rate changes; W-2 reporting; Ability to print multiple checks per employee per pay period; Check reconciliation sub-system. *</p>	
RESULTS PRS Users	
RESULTS 8.0	1980

RESULTS, Job Accounting, System Manual	1177
<p>The Job Accounting System will allow you to analyze the charges and billings associated with a uniquely identifiable job and get an accurate status of any currently-in-process or completed job. The JAS will not interface to the GLS. Some of the features are: Job labor distribution by job, employee and department; Job profit and loss; Detailed cost analysis of vendor charges by job and vendor.</p>	
RESULTS JAS Users	
RESULTS 8.0	1983

REALITY® OPERATING SYSTEM

APPLICATIONS SOFTWARE

RESULTS, Fixed Assets System Manual	1178
Fixed Assets Accounting is capable of handling additions, changes, disposals, and depreciation calculations. Each asset may be depreciated by various methods including straight-line, double-declining balance, sum-of-year's digits, and accelerated cost recovery. Each asset may automatically be interfaced or selectively excluded with the General Ledger System.	
RESULTS FAS Users	
RESULTS 8.0	1983

RESULTS, Order Processing and Invoicing, System Manual	1179
Order Processing and Invoicing includes validating and recording of orders, checking stock quantities, pricing and printing orders, picking tickets and packing slips. The module also prints invoices and credit memos. Some of the other features are: Provision for processing multiple companies and warehouse locations; Flexible automatic pricing with override and commission scheme; On-line customer credit checking; Pre-bill or post-bill processing; and interactive interface to Inventory Control and General Ledger Systems.	
RESULTS OIS Users	
RESULTS 8.0	1983

RESULTS, Over-The-Counter Invoicing System Manual	1180
The Over-The-Counter System is designed for those businesses that require processing of carry-out counter orders. It works directly with the Order Processing System and includes recording and validating of orders, checking stock quantities, product pricing, and selection of printing methods (immediate or none).	
RESULTS OCS Users	
RESULTS 8.0	1983

REALITY® OPERATING SYSTEM

APPLICATION SOFTWARE

RESULTS, Inventory Control System Manual	1181
The Inventory Control System is designed to provide a perpetual inventory by company and by warehouse. The Purchase Order System is an integral part of inventory processing and should be installed at the same time. Some features are: Inventory balances maintained by warehouse; Ability to transfer stock between warehouses; Product sales history and forecasting, plus pricing and inventory costing by warehouse.	

RESULTS, Purchase Order System Manual	1182
The purchase order system was designed to be an integral part of the Inventory Control System. Some of the features offered are: Produce and maintain purchase orders for multiple warehouses with multiple delivery dates; ability to change any part of an existing order which includes adding or deleting line items plus status and overdue reports.	
RESULTS POS Users	
RESULTS 8.0	1983

RESULTS, Sales Analysis System Manual	1183
The Sales Analysis System is designed to be a sub-system of the Order Processing and Invoicing System. Some of the features are: User maintainable report parameters and the ability to override for one-time reporting requirements; Ability to analyze current year, last year, and year-to-year variances by month or year-to-date.	
RESULTS SAS Users	
RESULTS 8.0	1983



MICRODATA® 1000

MICRODATA® 1000 WORKSTATIONS

GENERAL

MICRODATA® 1000 Intelligent Workstation General Description Manual	1257
A summary introduction to the Relational Database Management MICRODATA® 1000 Workstation. This manual presents a hardware overview including configuration options, component descriptions, and maintenance options. Application and communication software as well as available operating system software is highlighted.	
All interested persons	
MICRODATA® 1000	1984

User Installation Guide	1236
This manual describes the procedure for unpacking, cabling, and powering up a system.	
All Users	
n/a	1984

microMANAGER Manual	1211
This manual teaches you how to set up and use microMANAGER.	
Users of microMANAGER	
9.1	1984

MICRODATA® 1000 WORKSTATIONS

OPERATING SYSTEM

MICRODATA® 1000 System Reference Manual	1300
This manual describes the MICRODATA® 1000 implementation of the microREALITY operating system. It details the interactions between microREALITY and its CTOS and MS-DOS host operating systems. Also included are system and data structures, commands, file transfer utility, helpful hints and system internals.	
Experienced programmer or user	
2.0	1985

Executive Manual	1216
This manual describes the available Executive commands and discusses command execution, file management, and system management. It also addresses status inquiry, volume management, and the printer spooler.	
Executive Users	
9.1	1984

Status Codes Manual	1221
This manual contains complete listings of all status codes, bootstrap ROM error codes, and CTOS initialization codes. The codes are listed numerically along with the error message and an explanation.	
All Users	
9.1	1984

CTOS Operating System Manual	1219
This manual describes CTOS, the host operating system. Included are services for managing processes, messages, memory, exchanges, tasks, video, disk, keyboard, printer, timer, communications, and files.	
System Manager, Programmer	
9.0	1984

MICRODATA® 1000 WORKSTATIONS

CTOS APPLICATIONS

microWORD Reference Manual	1204
This manual is a reference tool for users already familiar with microWORD. It describes the keyboard and screen; basic, advanced, and programmer-specific operations, list processing, printer and print wheel configurations, and hardware considerations.	
microWORD Users	
8.4	1984

microWORD User's Guide	1205
This manual has step-by-step lessons that describe basic word processing operations. The lessons show how to execute operations and apply them to sample text.	
New microWORD Users	
8.4	1984

microWORD Quick Reference	1206
This guide summarizes all microWORD operations and briefly describes the keyboard and commands.	
All microWORD Users	
8.4	1984

microGRAPH Reference Manual	1207
This manual describes the microGRAPH keyboard and screen, box and arrow cursor movement, obtaining information from Multiplan, operations, and plotter configurations.	
Experienced microGRAPH Users	
9.1	1985

microGRAPH User's Guide	1208
This manual provides step-by-step lessons that describe basic microGRAPH operations. The lessons show how to execute operations and apply them to sample charts.	
New microGRAPH Users	
9.1	1985

MICRODATA® 1000 WORKSTATIONS

CTOS APPLICATIONS

Extended Multiplan Reference Manual	1209
This manual describes the financial modeling package that is designed for business planning, analysis, budgeting, and forecasting.	
Experienced Multiplan Users	
8.2	1985

Extended Multiplan Tutorial	1210
This manual walks you through the creation of a spreadsheet.	
New Multiplan Users	
8.2	1985

microMAIL Users Reference Manual	1212
This manual provides step-by-step instructions for using the basic microMAIL operations to create, send, and receive mail.	
New microMAIL Users	
4.0	1985

microMAIL Administrator's Guide	1213
This manual gives instructions for installing, configuring, and maintaining the microMAIL system, setting up communication lines, creating and maintaining mail centers, adding mail users; creating distribution lists, and troubleshooting.	
System Administrator	
4.0	1985

MICRODATA® 1000 WORKSTATIONS

CTOS APPLICATIONS

microWORD PLUS Reference Manual	1295
This manual is a reference tool for users already familiar with microWORD PLUS. It describes the keyboard and screen, basic, advanced, and programmer-specific operations, list processing, printer and print wheel configurations, and hardware considerations.	
microWORD PLUS Users	
10.0	1985

microWORD PLUS User's Guide	1296
This manual has step-by-step lessons that describe basic microWORD PLUS operations. The lessons show how to execute operations and apply them to sample text.	
New microWORD PLUS Users	
10.0	Feb. 1986

microWORD PLUS Quick Reference	1297
This guide summarizes all microWORD PLUS operations and briefly describes the keyboard and commands.	
All microWORD PLUS Users	
10.0	Feb. 1986

MICRODATA® 1000 WORKSTATIONS

COMMUNICATIONS

Enhanced BSC 3270 Emulator Manual	1244
This manual describes the CRT subsystem, the keyboard, installation of the Control Unit Emulator and printer sub-system, and the virtual terminal interface for Binary Synchronous Communications.	
BSC Users	
9.0	1984

SNA 3270 Emulator Manual	1245
This manual describes the configuration guidelines, CRT sub-system, printer subsystem and virtual terminal interface for the SNA 3270 emulator.	
SNA Users	
9.2	1984

SNA Network Gateway Manual	1246
This manual describes the SNA Network Gateway, the SNA Status Monitor, and the programatic interface to SNA data communications networks.	
SNA Users	
10.0	1984

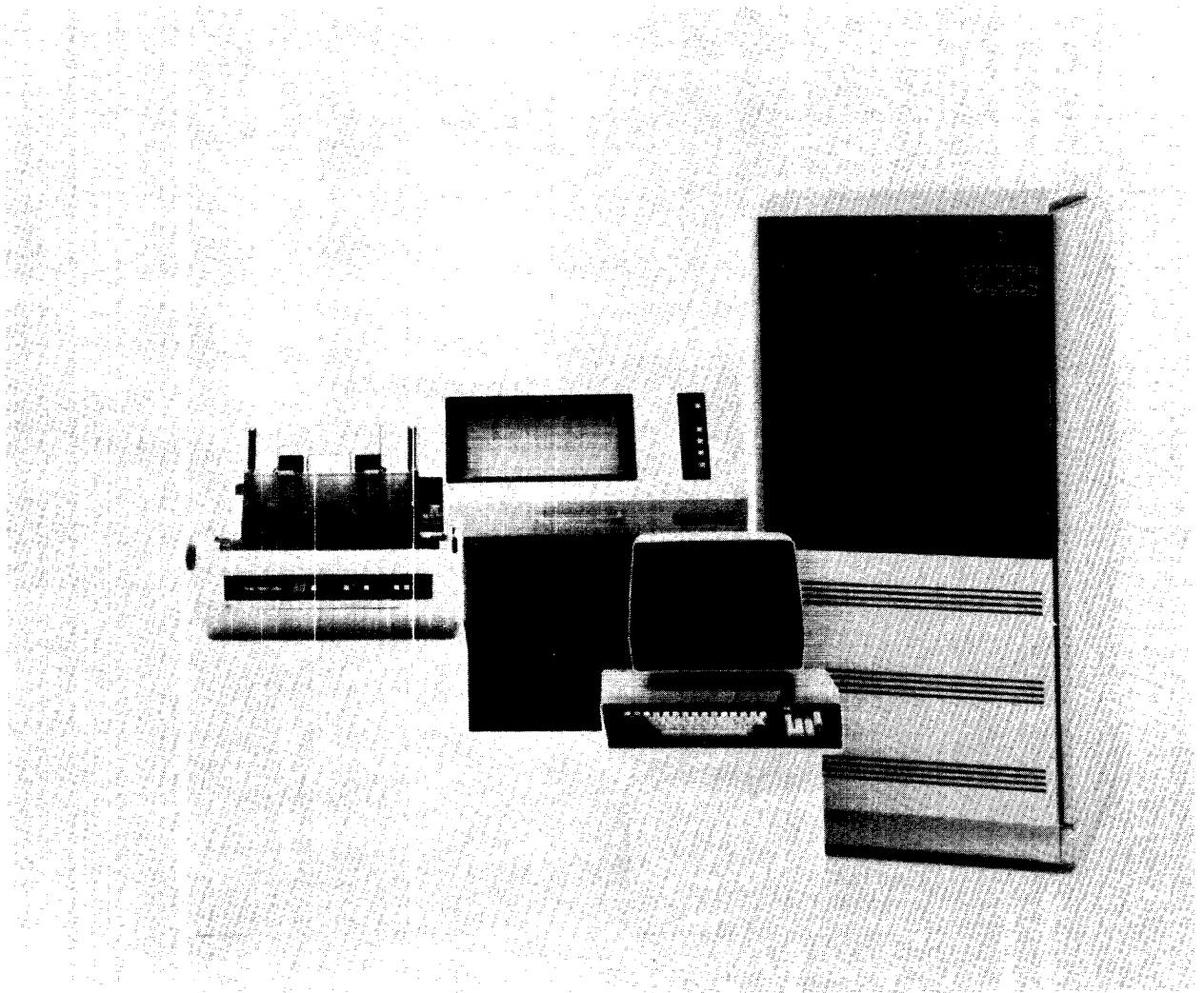
MICRODATA® 1000 WORKSTATIONS

MS-DOS APPLICATIONS

MS-DOS User's Guide	1215
This manual gives you an overview of MS-DOS and describes MS-DOS files, commands, line editor, file comparison utility, and the linker program.	
All MS-DOS Users	
2.0	1984

MS-DOS Programmer's Reference	1217
This manual contains a description and examples of all MS-DOS 2.0 system calls and interrupts, describes installation of your own device drivers, disk allocation, control blocks, work areas, and EXE file structure and loading.	
MS-DOS Programmers	
2.0	1984

MS-DOS Macro Assembler	1218
This manual describes the utilities used for developing assembly language programs. These utilities include the Linker, Library Manager, Cross Reference, and Debugger.	
Assembly Programmer	
2.0	1984



MICRODATA® 4700

MICRODATA® 4000 SYSTEMS (REALITY®)

GENERAL

Introduction to REALITY®	1076
The REALITY® system from an overview perspective is briefly discussed. Included are its architecture, software processors, and system utilities. Typical uses are also given.	
All interested persons	
REALITY® ; MICRODATA® 6000; MICRODATA® 9000	1983

REALITY® Installation & Planning Guide	1066
All aspects of planning and preparation for a REALITY® system installation, including site selection and layout, environment controls, and electrical requirements are presented in detail.	
Site Planner and Field Service Engineer	
All REALITY® Users	1983

REALITY® System Operation Guide	1136
A basic guide in how to use a terminal and the tape drive, as well as describing account manipulation, saving and restoring data, and various system level commands.	
New User	
REALITY® 4.0—4.1	1982 /5.00

PLEASE REFER TO THE REALITY® OPERATING SYSTEM, PROGRAMMING SECTION FOR ENGLISH, PROC, EDITOR, DATA/BASIC, AND SCREENPRO PROGRAMMING MANUALS APPLICABLE TO THE MICRODATA® 4000 SYSTEMS.

MICRODATA® 4000 SYSTEMS (REALITY®)

OPERATING SYSTEM

REALITY® Programmer's Reference Manual	1071
General purpose software operations manual dealing with the structure, management, and manipulation of data files. All facets of operating and maintaining a database management system from initial loading, to daily use of software processors like report spooling, to nightly backups are explained.	
Experienced Programmer or User	
REALITY® 3.0—4.0	1981 <i>87.07</i>

REALITY® Assembly Language Programming Manual	1078
A 'reference manual' to the REALITY® Assembly Language (REAL). It details the creation of assembly language programs, using the interactive debugger and explains the system subroutines. It describes the system structure; the arithmetic, logical, branching, skipping, and input/output operations; and the interrupt and storage management operations.	
Assembly Language Programmer	
REALITY® 3.0—3.2	1980 <i>62.30</i>

NOTE



MICRODATA® 6000

MICRODATA® 6000 SYSTEMS

GENERAL

MICRODATA® 6000 Installation & Planning Guide	1238
All aspects of planning and preparation for a MICRODATA® 6000 system installation, including site selection and layout, environment controls, and electrical requirements are presented in detail.	
Site Planner and Field Service Engineer	
All MICRODATA® 6000 Users	1985

MICRODATA® 6000 User Guide	1306
This User Guide provides self-study training for operators, allowing them to learn the basic Microdata 6000 functions with minimum supervision. A second section is a quick reference to operational materials. It covers such topics as logging onto the system, tape operations, and monitoring disk utilization.	
Beginning Users	
Microdata 6000 1.0	Nov. 1985

MICRODATA® 6000 System Administrator Manual	1307
The Administrator manual will be used mostly by the person responsible for performing daily system control and security tasks. In conjunction with the training section of the User Guide, new users can be taught various functions and operational requirements by the suggested teaching methods.	
More experienced system user	
Microdata 6000 1.0	Nov. 1985

PLEASE REFER TO THE REALITY® OPERATING SYSTEM, PROGRAMMING SECTION FOR ENGLISH, PROC, EDITOR, DATA/BASIC, AND SCREENPRO PROGRAMMING MANUALS APPLICABLE TO THE MICRODATA® 6000 SYSTEMS.

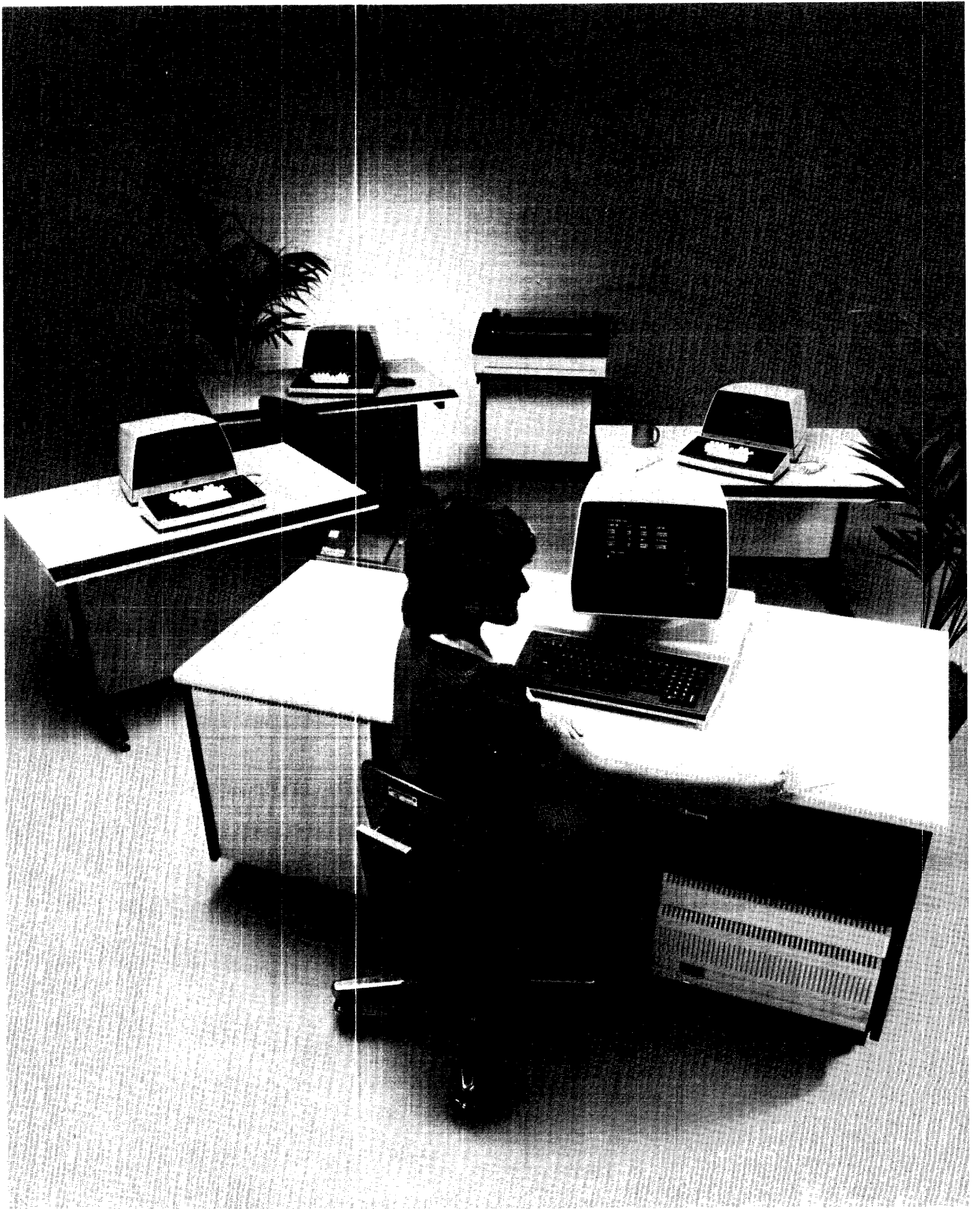
MICRODATA® 6000 SYSTEMS

OPERATING SYSTEM

MICRODATA® 6000 System Reference Manual	1308
The reference manual is a repository of all detailed information on the Microdata 6000. Error messages include the meaning of the message and possible solutions.	
Experienced Application Developer	
Microdata 6000 1.0	Nov. 1985

Microdata 6000 System EDITOR	1309
The Editor manual defines terminology and keystroke conventions. Functionally, it shows the flow of operations, how to start the Editor, and the modes of operation. Each of the Editor commands are described in detail.	
Experienced User	
Microdata 6000 1.0	Nov. 1985

NOTE



MICRODATA® 7000

MICRODATA® 7000 SYSTEM (SOVEREIGN)

GENERAL

MICRODATA® 7000 (SOVEREIGN) General Description Manual	1152
The topics included in this manual are the following: principal items of hardware and their relevant functions, distributed processing environment, configuration diagrams, plus brief descriptions of system and application software.	
All interested persons	
MICRODATA® 7000	1982

Supervisor's Guide	1115
This manual is designed as a quick reference guide to system operation and supervision. It is intended to be used as a memory jogger rather than as a complete reference manual.	
System Managers	
06	1983

Quick Reference Guide	1291
This manual is designed as a quick reference card to system commands and utilities. Commands and their key words are listed in alphabetical order with menus and submenus.	
All Users	
07	1985

7000 System Installation and Planning Guide	1190
This is a Field Service Engineering and System User's Guide to the installation and environmental requirements of Microdata hardware. It includes sections on selection of sites, environment control, electrical and cabling requirements, remote operations, equipment specifications, and health and safety considerations.	
Site Planner and Field Service Engineer	
n/a	1983

MICRODATA® 7000 SYSTEM (SOVEREIGN)

GENERAL

High Quality Printer Operator's Guide	1199
This manual is a basic operator's guide. It is not a technical specification of the High Quality Printer, but is only intended to provide information on the printer controls and on installation of the feeder devices, paper, ribbon, and thimble. NOTE: This manual will be incorporated into the System Equipment and Maintenance Manual.	
HQP User	
n/a	1983

Information Terminal User's Guide	1201
This manual is designed as an introduction to the basic uses of the SOVEREIGN Information Terminal. This manual will be incorporated into the System Equipment and Maintenance Manual.	
All Users	
n/a	1983

Matrix Printer Operator's Guide	1249
This manual is a basic operator's guide for the three models of the matrix printer. It is not a technical specification, but is only intended to provide information on the printer controls and on installation of the paper and ribbon. This manual will be incorporated into the System Equipment and Maintenance Manual.	
Matrix Printer User	
n/a	1984

MICRODATA® 7000 SYSTEMS (SOVEREIGN)

OPERATING SYSTEM

System Operation	1276
This manual gives step-by-step descriptions of various procedures and off-line system utilities that may be used in the day-to-day running of any SOVEREIGN system. This includes start up, close down, dump, reload, system recover, disk to disk copy, disk file organization, system recovery, and volume create.	
System Supervisor	
07	1984

System Reference Manual	1114
This manual is designed to aid the system manager in the efficient management of a SOVEREIGN system. It includes sections on system management, memory usage, and other information relevant to the system.	
System Manager	
06	1984

ECL Reference Manual	1119
This manual describes ECL (English Command Language), which is the control medium for executing all the major software components of the system. Included are detailed operating procedures for the use of all system and file commands. In addition, this manual provides a guide to writing Quickstarts and an explanation of file maintenance and file inquiry commands. A full section is devoted to Field Definition Files, including an explanation of their usage and a description of the record structure.	
All Users	
06	1983

MICRODATA® 7000 SYSTEMS (SOVEREIGN)

OPERATING SYSTEM

Mirror Image Processing	1250
This manual provides an introduction to mirror image file processing, describing the necessary equipment and those operational procedures which differ from normal system operation. This manual will be incorporated into the System Operation Manual.	
Supervisor of MI System	
07	1984

Editor Reference	1118
This manual describes the concepts of Editor, the various facilities and commands, together with full operating procedures for each command.	
All Users	
06	1984

Editor Reference	1265
This manual describes the concepts of Editor, the various facilities and commands, together with full operating procedures for each command.	
All Users	
07	1984

Error Messages and Recovery Procedures	1192
This manual is designed to inform users of the errors generated by the system and how to recover from them. It contains an alphabetical list of the error messages generated, together with their cause and recommended recovery procedure.	
System Supervisor	
06	1983

MICRODATA[®] 7000 SYSTEMS (SOVEREIGN)

OPERATING SYSTEM

System Equipment and Operation	1117
This manual gives a brief description of the SOVEREIGN hardware together with any cleaning and maintenance that the user is able to carry out. It includes sections on file processors, application processors, tape and disk units, terminals and keystations, serial and line printers, and Local Area Network. This manual also gives step-by-step descriptions of various procedures and off-line system utilities that occur in the day-to-day running of a system.	
System Manager	
06	1984

MICRODATA® 7000 SYSTEMS (SOVEREIGN)

PROGRAMMING

COBOL Language Reference Manual	1121
This manual describes the Microdata COBOL (MI COBOL) language. Included is a general description of the language, program structure, details of statement components and notation, program identification, and execution.	
Programmers familiar with COBOL	
n/a	1983

BASIC and KeyBASIC Facts Card	1195
This document is a quick reference card to be used along with the BASIC and KeyBASIC Reference Manual. It has a list of the BASIC and KeyBASIC statements, functions, reserved words, and run-time error messages.	
BASIC and KeyBASIC Programmers	
06	1983

BASIC and KEYBASIC Reference Manual	1120
This manual provides detailed programming instructions for users of BASIC and KeyBASIC languages. It includes advice on the construction and coding of both BASIC and KeyBASIC programs and gives examples of each. Each statement and function is described in detail with syntax examples.	
Programmers familiar with BASIC Data Entry Supervisor	
06	1983

MICRODATA® 7000 SYSTEMS (SOVEREIGN)

APPLICATIONS—BATCH ENTRY

Batch Entry Operator's Guide	1124
This manual contains brief, step-by-step operating instructions for entry of batched data at terminals and keystations.	
Data Entry Operator	
06	1983

Batch Control Commands	1123
This manual contains detailed operating procedures for the control commands associated with the series of programs for batch entry such as Batch Transfer, Batch Unlock and Release, and Event Log. It includes a detailed description of batch strings and explains how they are entered.	
Data Entry Supervisor	
06	1983

Formatting Reference Manual	1125
This manual explains the concepts of both the formatting and reformatting of batched data. It also provides detailed operating procedures for the creation and maintenance of formats and reformats.	
Data Entry Supervisors	
06	1983

MICRODATA® 7000 SYSTEMS (SOVEREIGN)

APPLICATIONS—OFFICE AUTOMATION

TEXTPRO Self-Teach Guide	1247
This guide teaches the basics of TEXTPRO to a beginner. It is arranged in a series of five lessons, taking the user step-by-step through the principal TEXTPRO operations.	
New TEXTPRO User	
Version 4	1984

TEXTPRO Supplement	1258
This manual details the latest changes which have been incorporated in TEXTPRO. It is intended as a supplement to the existing manuals (TEXTPRO Self-Teach Guide, TEXTPRO User's Guide, and TEXTPRO Reference Manual).	
TEXTPRO Users	
Version 5	1984

TEXTPRO User's Guide	1259
This flip chart gives instructions, with minimum explanation, for carrying out each of the TEXTPRO Operations.	
TEXTPRO Users	
Version 4	1984

TEXTPRO IV Reference Manual	1260
This manual describes the facilities available to the TEXTPRO user.	
Supervisor, System Manager, TEXTPRO User	
Version 4	1984

MICRODATA® 7000 SYSTEMS (SOVEREIGN)

COMMUNICATIONS

Interactive and Batch SNA Reference	1264
This manual describes both protocols, the terminals involved, and configurations with the operating procedures for running this communications package.	
SNA Users	
Version 3	1984

Bisynchronous 3270 Emulation Reference	1128
This manual describes the 3270 emulation and available facilities, together with comprehensive operating instructions. A keyboard conversion chart is provided to relate the IBM 3260 keyboard to the various Microdata keyboards in use.	
3270 Users	
06	1983

2780PLUS Emulation Reference	1127
This manual provides a description of the RJE emulations and comprehensive operating procedures for running them.	
2780PLUS Users	
06	1983

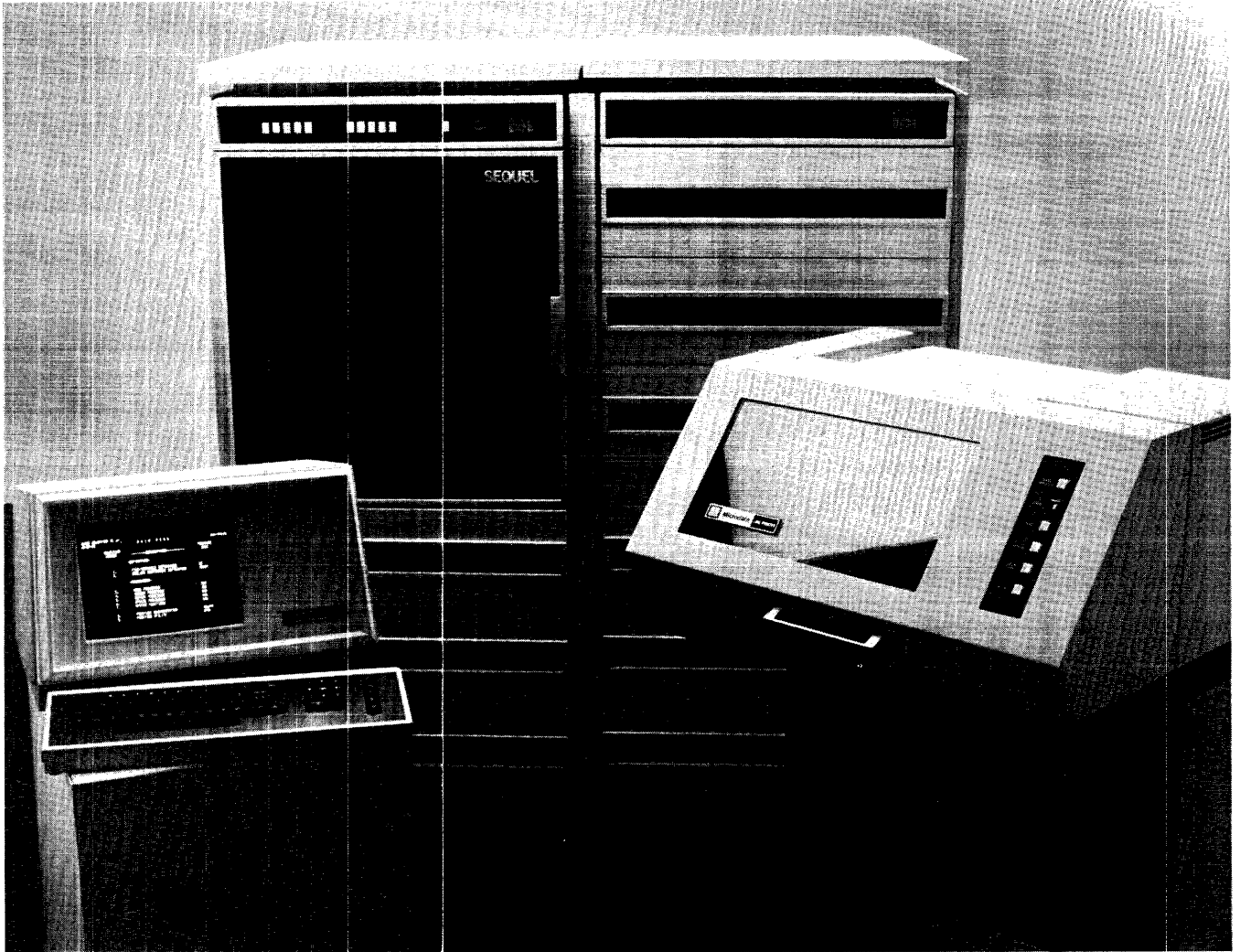
HASP Emulation Reference	1126
This manual provides a description of HASP emulation and comprehensive operating procedures for running it.	
HASP Users	
06	1983

MICRODATA® 7000 SYSTEMS (SOVEREIGN)

COMMUNICATIONS

Teledata Reference	1200
The Teledata communications package is a software and hardware batch data communications package designed to enable a SOVEREIGN system to communicate with either another SOVEREIGN system or a 4700 or 9000 system using an enhanced version of 2780. This manual provides a description of the package and comprehensive operating procedures for running it.	
Teledata Users	
06	1983

NOTE



MICRODATA® 9000

MICRODATA® 9000 SYSTEM

GENERAL

MICRODATA® 9000 General Description Manual	1191
The MICRODATA® 9000 was designed specifically to provide the ideal operating environment for execution of the REALITY® Database Management operating system. Included in this introductory manual are the following topics: system configurations, multiple-bus architecture, Database Management System, and self-diagnostics.	
All interested persons	
MICRODATA® 9000	1984

MICRODATA® 9000 System Operation Guide	1137
A basic guide in how to use a terminal and the tape drive, as well as describing account manipulation, saving and restoring data, and various system level commands.	
New User	
MICRODATA® 9000 1.0	1982

MICRODATA® 9000 Installation & Planning Guide	1159
All aspects of planning and preparation for a new MICRODATA® 9000 installation, including site selection and layout, environment controls, and electrical requirements are presented in detail.	
New customer, site planner, facilities management	
MICRODATA® 9000, All Software	1982

PLEASE REFER TO THE REALITY® OPERATING SYSTEM, PROGRAMMING SECTION FOR ENGLISH, PROC, EDITOR, DATA/BASIC, AND SCREENPRO PROGRAMMING MANUALS APPLICABLE TO THE MICRODATA® 9000 SYSTEMS.

MICRODATA® 9000 SYSTEMS

OPERATING SYSTEM

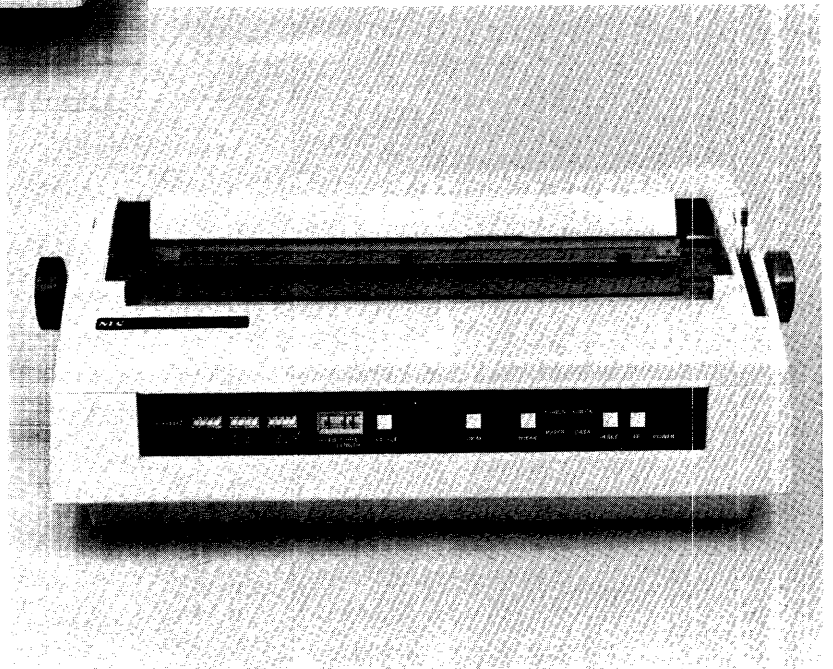
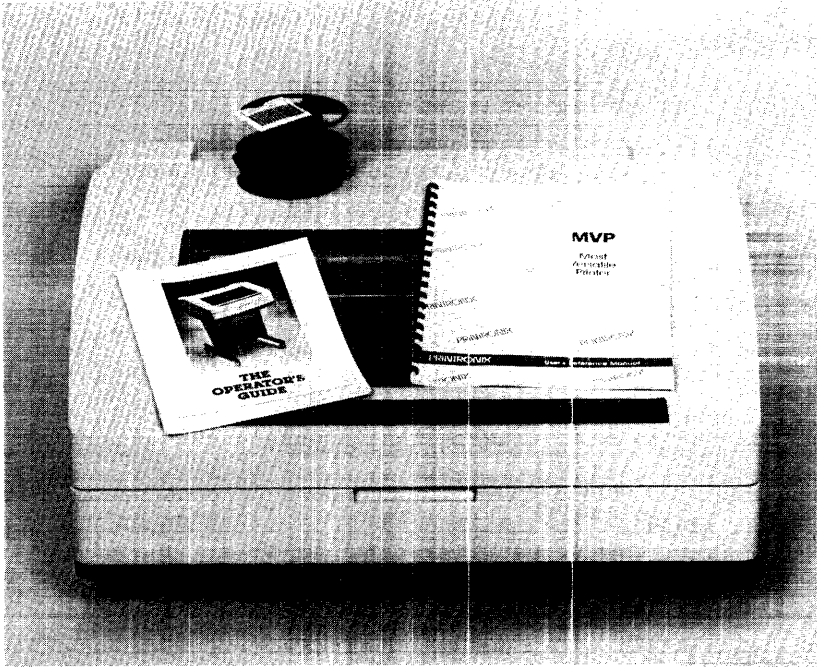
MICRODATA® 9000 Programmer's Reference Manual	1109
General purpose software operations manual dealing with the structure, management and manipulation data files. All facets of operating and maintaining a database management system from initial loading, to daily use of software processors like report spooling, to nightly backups are explained.	
Experienced Programmer or User	
MICRODATA® 9000 1.0—1.1	1983

MICRODATA® 9000 Assembly Language Programming Manual	1108
A reference manual to the MICRODATA® 9000 REALITY® Assembly Language (REAL). It details the creation of assembly language programs using the interactive debugger and explains the system subroutines. It describes the system structure; the arithmetic, logical, branching, skipping, and input/output operations; and the interrupt and storage management operations.	
Assembly Language Programmer	
MICRODATA® 9000 1.0	1982

MICRODATA® 9208 Addendum to MICRODATA® 9000 Programmer's Reference Manual	1312
This manual describes the hardware and Software enhancements on the MICRODATA® 9208.	
Experienced Users and Programmers	
5.0	1985

ANALYST HANDBOOK

Analyst Handbook	1267
The Analyst Handbook contains technical tips, troubleshooting techniques, workarounds and helpful hints regarding the operation of a Microdata system. Numerous sections provide easy access to a particular operating system function.	
Experienced User	
ALL SYSTEMS	1985



PERIPHERAL EQUIPMENT

5750 Terminal, Operator's Guide	1099
<p>The 5750 terminal is an intelligent terminal with its own microprocessor and 16k bytes of memory storage. This manual describes features and operating procedures of the 5750 Communications terminal and is intended to be an introductory level reference tool. It also includes a description of the 5750 Serial Printer Terminal Executive.</p>	
All Users of 5750 Terminal	
REALITY® ; MICRODATA® 9000	1980

5750 Terminal, 2780 PLUS Communications Executive	1101
<p>2780 PLUS software and the 5750 terminal combine to provide a REALITY® user with the ability to emulate an IBM 2770, 2780, 3741, 3780 RJE terminal. This manual describes this application on a REALITY® system and the operating procedures to load, transmit, and receive data. It also outlines the parameters that make up the various protocols.</p>	
Expert in IBM remote 2770, 2780, or 3780 RJE	
REALITY® 3.0—4.0; MICRODATA® 9000 1.0	1980

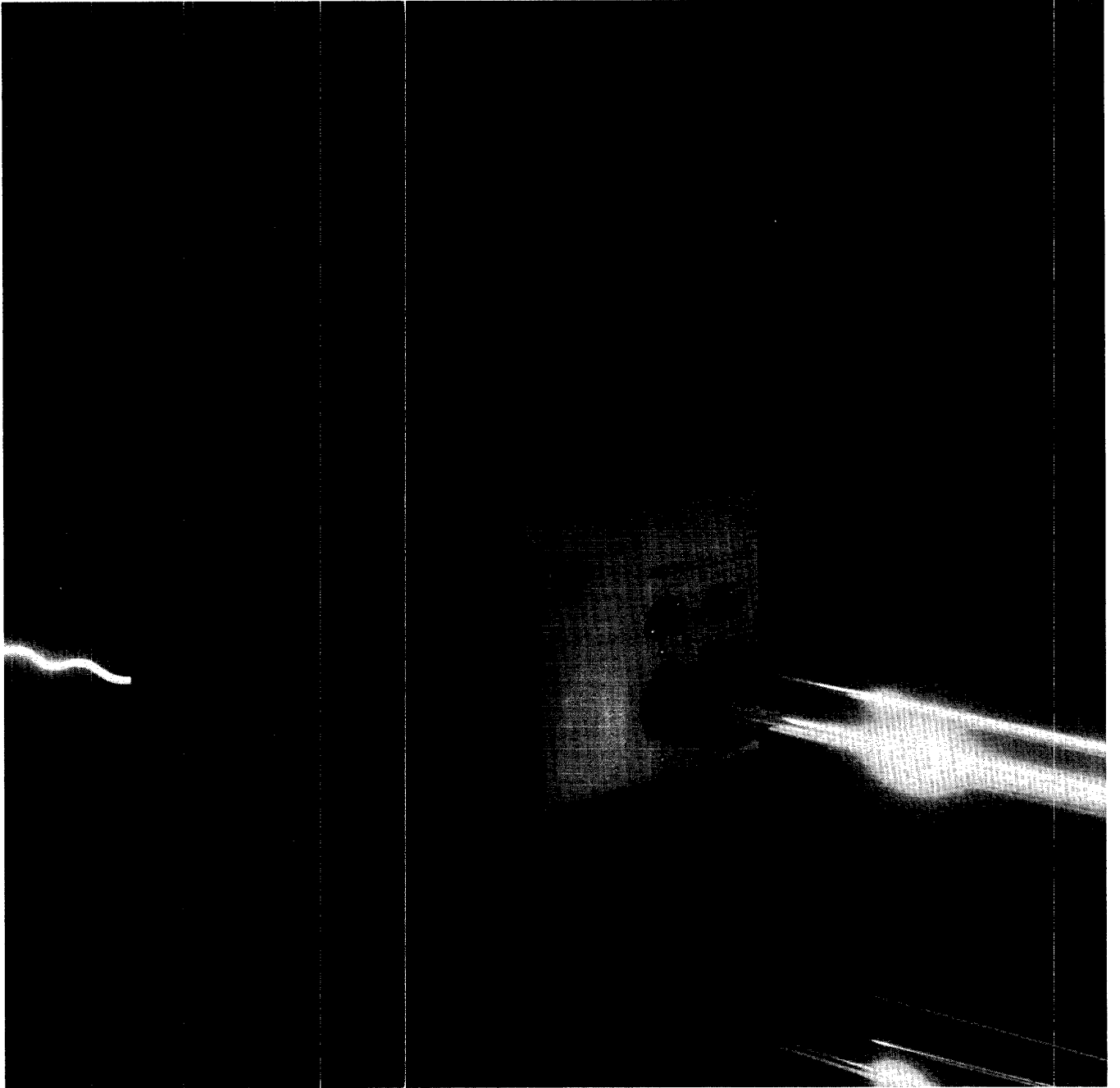
PRISM II Operator's Guide	1104
<p>The PRISM II CRT Terminal provides rapid and efficient communication between an operator and the host computer. This manual describes the terminal specifications, operator controls, and operating procedures. Control key functions, a troubleshooting guide and special features are also included.</p>	
All Users of PRISM II	
REALITY® ; MICRODATA® 9000	1980

PERIPHERAL EQUIPMENT

PRISM-4 Terminal Operator's Guide (Models 5430 and 5432)	1160
This manual describes the features as well as operating and maintenance procedures of the PRISM-4 Terminal. The first section is an introduction and describes the general appearance and functions. Section 2 presents the standard controls, keyboard and configuration switches.	
PRISM-4 Users with models 5430 & 5432	
REALITY® ; MICRODATA® 9000	1983

PRISM-4 Terminal Operator's Guide (Models 5433 and 5435)	1196
This manual describes the features as well as operating and maintenance procedures of the PRISM-4 Terminal. The first section is an introduction and describes the general appearance and functions. Section 2 presents the standard controls, keyboard and configuration switches.	
PRISM-4 Users with models 5433 & 5435	
REALITY® ; MICRODATA® 9000	1983

NOTE

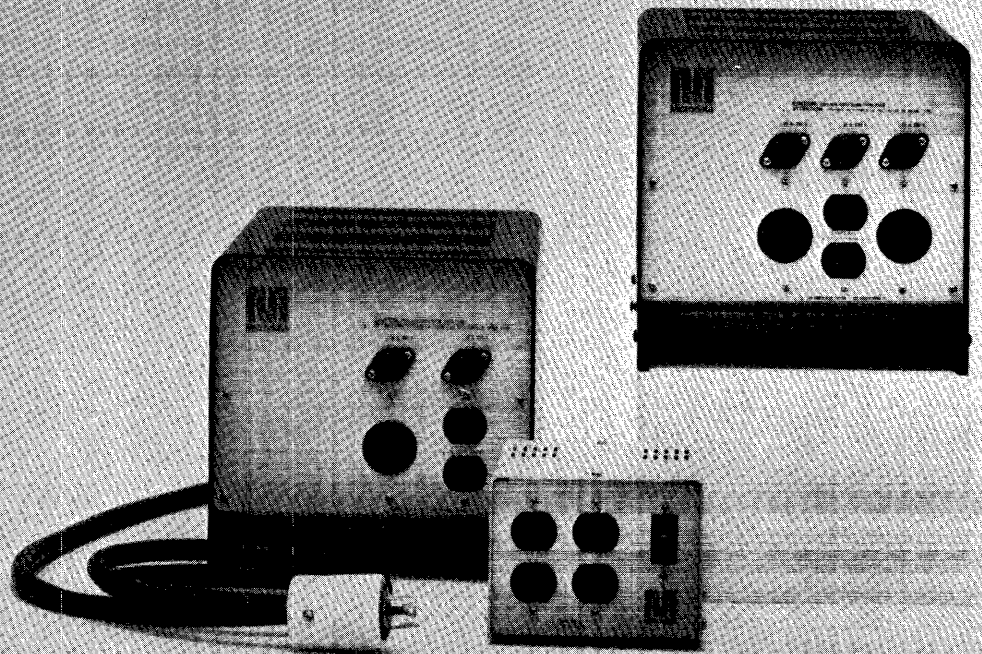


. . . AND POWER CONDITIONERS TOO

Protect you hardware/software investment from the ravages of bad power and lightning hits to your power lines with MICRODATA Power Conditioners.

McDonnell Douglas Field Service Company provides a full line of power conditioning equipment designed to economically protect each part of your system.

For more information, call your local Field Service office. They will be pleased to give you more information on how you can reduce system down time.



INSTRUCTIONS FOR ORDERING

Please use the perforated order forms for clarity and convenience. For fast processing, please include signed authority and Purchase Order Number. The order form may be attached to your company Purchase Order.

Manuals for ALL - (Application Language Liberator) are restricted to those users legally licensed by McDonnell Douglas Computer Systems Company to use the system. When ordering ALL Reference Manuals, please indicate your system serial number on the appropriate line on the Publication Order Form. No orders will be filled without this information.

NOTE: To guarantee proper pre-site sign-off, Installation and Planning Guides must be ordered prior to installation. A six week lead time is advisable.

USER PRICELIST

Doc. No.	Title	Price	Doc. No.	Title	Price
1043	BISYNC	22.00	1174	RESULTS General Ledger & Financial Reports System Manual	32.00
1066	REALITY® Installation and Planning Guide	20.00	1175	RESULTS Accounts Receivable System Manual	29.00
1071	REALITY® Programmers Reference Manual	87.00	1176	RESULTS Payroll System Manual	47.00
1072	DATA/BASIC Programming Manual	80.00	1177	RESULTS Job Accounting System Manual	27.00
1073	ENGLISH Programming Manual	40.00	1178	RESULTS Fixed Assets System Manual	44.00
1074	PROC Programming Manual	42.00	1179	RESULTS Order Processing and Invoicing System Manual	80.00
1076	Introduction to REALITY®	22.00	1180	RESULTS Over-The-Counter Invoicing System Manual	26.00
1077	EDITOR Programming Manual	13.00	1181	RESULTS Inventory Control System Manual	35.00
1078	REALITY® Assembly Language Programming Manual	62.00	1182	RESULTS Purchase Order System Manual	20.00
1088	SCREENPRO Programming Manual	60.00	1183	RESULTS Sales Analysis System Manual	24.00
1099	5750 Terminal Operator's Guide	13.00	1187	REALCALC Reference Manual	14.00
1101	5750 Terminal 2780PLUS Communications Executive	29.00	1188	REALCALC Tutorial Manual	39.00
1104	PRISM II Operator's Guide	12.00	1190	7000 System Installation & Planning Guide	18.00
1108	MICRODATA® 9000 Assembly Language Programming Manual	65.00	1191	MICRODATA® 9000 General Description Manual	8.00
1109	MICRODATA® 9000 Programmer's Reference Manual	113.00	1192	Error Messages and Recovery Procedures	15.00
1114	System Reference Manual	28.00	1193	REALCALC Spreadsheet Planner Demonstration Guide	17.00
1115	Supervisor's Guide	58.00	1194	ALL Demonstration Guide	14.00
1117	System Equipment and Maintenance	25.00	1195	BASIC and KeyBASIC Facts Card	2.00
1118	Editor Reference	12.00	1196	PRISM 4 Terminal Operator's Guide (Models 5433 and 5435)	17.00
1119	ECL Reference Manual	127.00	1199	High Quality Printer Operator's Guide	16.00
1120	BASIC and KeyBASIC Reference Manual	109.00	1200	Teledata Reference	31.00
1121	COBOL Language Reference Manual	109.00	1201	Information Terminal User's Guide	12.00
1123	Batch Control Commands	40.00	1204	microWORD Reference Manual	129.00
1124	Batch Entry Operator's Guide	11.00	1205	microWORD User's Guide	
1125	Formatting Reference Manual	83.00	1206	microWORD Quick Reference	9.00
1126	HASP Emulation Reference	33.00	1207	microGRAPH Reference Manual	62.00
1127	2780PLUS Emulation Reference	25.00	1208	microGRAPH User's Guide	92.00
1128	Bisynchronous 3270 Emulation Reference	27.00	1209	Extended Multiplan Reference Manual	98.00
1134	WORDMATE General Description	9.00	1210	Extended Multiplan Tutorial	31.00
1135	WORDMATE User's Training Manual	194.00	1211	microMANAGER Manual	43.00
1136	REALITY® System Operation Guide	15.00	1212	microMAIL User's Reference Manual	Nov. 85
1137	MICRODATA® 9000 System Operation Guide	15.00	1213	microMAIL Administrator's Guide	Nov. 85
1148	ALL User's Reference Manual	114.00	1215	MS-DOS User's Guide	68.00
1149	ALL Operator's Guide	28.00	1216	Executive Manual	115.00
1150	ALL General Description Manual	15.00	1217	MS-DOS Programmer's Reference	71.00
1151	REALITY® Operator's Quick Guide	19.00	1218	MS-DOS MacroAssembler	107.00
1152	MICRODATA® 7000 General Description Manual	18.00	1219	CTOS Operating System Manual	102.00
1159	MICRODATA® 9000 Installation & Planning Guide	14.00	1221	Status Codes Manual	51.00
1160	PRISM 4 Terminal Operator's Guide (Models 5430 and 5432)	14.00	1236	MICRODATA® 1000 User Installation Guide	17.00
1161	RESULTS Installation Guide	29.00	1238	MICRODATA® 6000 Installation & Planning Guide	20.00
1162	RESULTS Accounts Payable Operator's Manual	24.00	1244	Enhanced BSC 3270 Emulator Manual	27.00
1163	RESULTS General Ledger & Financial Reports Operator's Manual	27.00	1245	SNA 3270 Emulator Manual	19.00
1164	RESULTS Accounts Receivable Operator's Manual	24.00	1246	SNA Network Gateway Manual	
1165	RESULTS Payroll Operator's Manual	37.00	1247	TEXTPRO Self-Teach Guide	19.00
1166	RESULTS Job Accounting Operator's Manual	26.00	1249	Matrix Printer Operator's Guide	8.00
1167	RESULTS Fixed Assets Operator's Manual	39.00	1250	Mirror Image Processing	11.00
1168	RESULTS Order Entry & Invoicing Operator's Manual	68.00	1257	MICRODATA® 1000 Intelligent Workstation General Description Manual	11.00
1169	RESULTS Over-The-Counter Invoicing Operator's Manual	19.00	1258	TEXTPRO Supplement	11.00
1170	RESULTS Inventory Control Operator's Manual	31.00	1259	TEXTPRO User's Guide	46.00
1171	RESULTS Purchase Order Operator's Manual	11.00	1260	TEXTPRO IV Reference Manual	30.00
1172	RESULTS Sales Analysis Operator's Manual	20.00	1261	Natural Language User Training & Installation Guide	13.00
1173	RESULTS Accounts Payable System Manual	26.00	1264	Interactive and Batch SNA Reference	37.00
			1265	EDITOR Reference	19.00
			1267	ANALYST HANDBOOK (Includes one year subscription and updates)	375.00
			1276	System Operation	47.00

Doc. No.	Title	Price
1291	Quick Reference Guide	2.00
1295	microWORD PLUS Reference Manual	not avail.
1296	microWORD PLUS User's Guide	Feb. 86
1297	microWORD PLUS Quick Reference	Feb. 86
1300	MICRODATA® 1000 System Reference Manual	155.00
1302	User's Guide to the ENGLISH Retrieval Language	46.00
1303	User's Guide to Natural Language	15.00
1304	User's Guide to Prompter	15.00
1305	ALL User's Reference Manual	100.00
1306	MICRODATA® 6000 User Guide	34.00
1307	MICRODATA® 6000 System Administrator Guide	93.00
1308	MICRODATA® 6000 System Reference Manual	93.00
1309	MICRODATA® 6000 System Editor	31.00
1310	Security System	46.00
1311	TCL*	8.00

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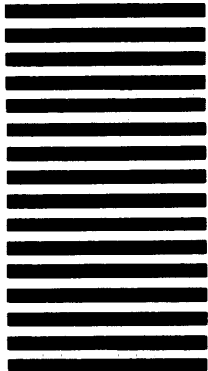
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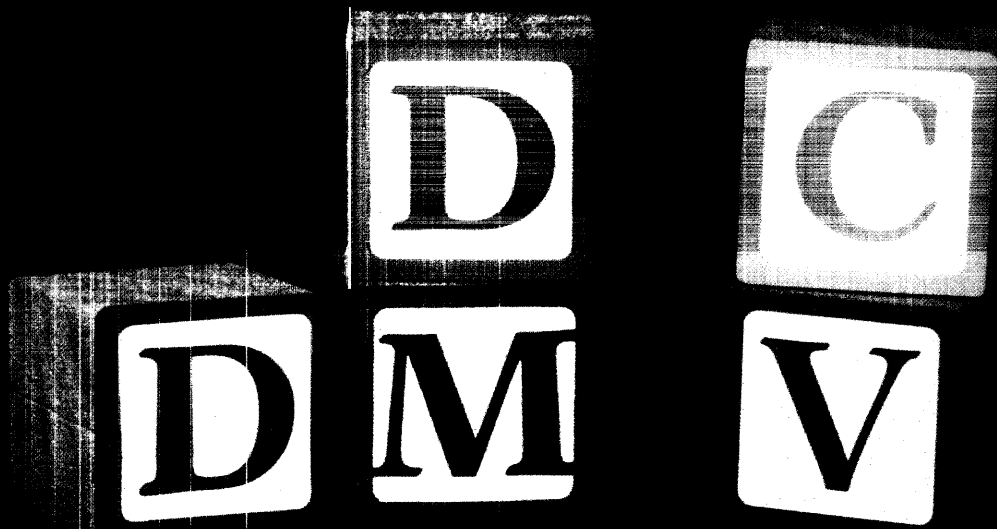
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