Authorized Reseller
Price Book
August, 1987

Prime

PRIME COMPUTER, INC.
HARDWARE & SOFTWARE
AUTHORIZED RESELLER PRICE BOOK
AUGUST, 1987

THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO PRIME
COMPUTER, INC. and is derived from Prime's U.S. Price Book
which is intended for Prime's internal use only. This
Reseller Price Book is provided to Prime's Authorized
Resellers solely for their internal use and is not to be given
or disclosed to any third parties without the express written
permission of Prime Computer, Inc.

The contents of this document are subject to change without
notice. The information in this book has been carefully
reviewed for accuracy and is believed to be correct. If you
find any errors or omissions, or if you have suggestions for
improvements, please notify:

RESELLER ADMINISTRATION
Prime Park
Natick, MA 01760

FOR INTERNAL USE ONLY

TABLE OF CONTENTS

August, 1987

SECTION 1

GENERAL INFORMATION

INTRODUCTION

This document provides information pertaining to the Product Numbers, Descriptions, U.S. List Prices, Maintenance, Availability and Prerequisites of Prime Hardware and Software products, services and documentation. The Price Book should be used in conjunction with the configuration guides to configure and price systems.

Please note that:

(i)   all Customer Service information contained in this Price Book, including maintenance pricing, is provided solely for informational purposes. Prime will contract directly with end-users of Prime products for product maintenance; and

(ii)   this Price Book contains the Prime products currently available through Prime's Authorized Reseller program. However, each Reseller may order only those products authorized by Prime under Schedule 2 (subject to the CPU restrictions contained in Schedule 1) to the Authorized Reseller Agreement between Prime and Reseller.

(iii) the U.S. List Prices contained in this Price Book are Prime's end-user list prices which shall be discounted to Prime's Authorized Resellers in accordance with the Authorized Reseller Agreement in accordance bewteen Prime and its resellers. The U.S. List Prices are not to be construed as suggested prices for resale.

PRICE EXCLUSIONS

All prices are FOB Point of Origin, and are exclusive of any Federal, State or Local taxes. These prices, unless designated as upgrade items, are for system sales within the continental United States. Prices are subject to change without notice.

PRICE BOOK CHANGES

Products (new or enhancements), pricing (new or changes), and any other relevant information which affects the Reseller Price Book will be communicated to Resellers via Prime Product Announcements ("PPAs").

Changes to the Reseller Price Book will be issued as replacement pages or replacement sections. All revised pages will indicate a "Revised Date" at the top of each new page, along with a "change bar" beside each changed item.

MAINTENANCE CODES

Please note the distinctions between 'N/C', 'N/A', and '*' occasionally appearing under the maintenance pricing section.

N/C = No charge for maintenance.
N/A = Maintenance not available for this item.
*   = Maintenance to be computed on finalized product numbers.

DEFINITIONS

The following are definitions of commonly used terms within this document.

Product Number   Marketing MODEL number used in preparing a sales order.

U.S. List Price   U.S. List Prices are all FOB point-of-origin and are subject to change without notice.

Monthly Maintenance   Monthly maintenance prices for basic, preferred, and deferred service. Refer to Section 10 for details.

Prerequisites   This refers only to current products listed in the Price Book. For more detailed information, refer to the 50 Series Configuration Guide. The prerequisites indicate any additional hardware/software products which must be ordered with an item, or which must currently exist on the system. When a prerequisite includes a family of product numbers, it may be indicated by an 'X' in the Product Number, i.e., 44X1 refers to 4401, 4411, 4421, 4431, etc., as applicable.

August, 1987

SECTION 2

SYSTEMS
TABLE OF CONTENTS

SECTION 2

SYSTEMS

GENERAL

This section contains the Product Numbers, Product Descriptions, List Prices, Monthly Maintenance Prices, and Prerequisites and Comments pertaining to 50 Series systems and the PRIME EXL 316 system.

Before quoting prices in this section, review any PPAs issued since this Price Book was released. Any product information released via PPA subsequent to this issue of the Price Book supersedes information in this Price Book.

NOTE: Customer Service requires that all Fixed Media Disk systems include a backup device to qualify for a Prime maintenance agreement.

Hardware Service Billing Waiver

A one-year service billing waiver is available in the U.S. for the 2455, 6350 and 6550 systems. This billing waiver applies to customers who sign a Three-Year Preferred Service Agreement. Customers under this maintenance agreement receive Preferred service at no charge during the first 12 months, following acceptance, of the contracted 36-month period. Customers taking advantage of this offering will have guaranteed price protected monthly maintenance charges for the remaining 24 months.

A three-month service billing waiver is available in the U.S. for all packaged 50 Series systems. This waiver applies to customers who sign Preferred maintenance agreements. Customers under this maintenence agreement receive Preferred service at no charge during the first ninety days, following acceptance, of the contracted 12-month period.

A three-month service billing waiver is also available in the U.S. for PRIME EXL 316 systems. This waiver applies to customers who sign Preferred, Basic or CSSO (Customer Self Service Option) maintenance agreements. Customers who sign a maintenance agreement receive the contracted level of service at no charge during the first ninety days, following acceptance, of the contracted 12-month period.

The above billing waivers (three-month and one-year) apply only to the hardware components of the system package. Maintenance for hardware purchased outside of the system package and all software (including operating system) will be billed from the date of installation/acceptance. Billing waivers apply to new system purchases and do not apply to upgrades.

PRIMOS OPERATING SYSTEM-BASED SYSTEMS

OFFICE ENVIRONMENT SYSTEMS

2350 SYSTEMS

Standard 2350 system includes the 2350 central processor, diagnostic processor, cabinet, chassis, power supply, memory, combination disk/tape controller, communication controller, 5.25-inch Winchester disk, 60MB cartridge tape unit, PT200 system console with green phosphor monitor and U.S. keyboard, modem when required, and PRIMOS operating system (Execute-Only). PRIMOS Source Code and/or utility Source Code may be ordered separately (8503A-P, 8503B-P).

Product Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments
2350-011	Standard 2350 system with 2MB ECC MOS memory (1 board), 60MB Winchester disk, 8 async lines, 1 synchronous line (ISC1), combination disk/tape controller 60MB cartridge tape, system console and PRIMOS (Execute-only)	$19,900	$441	$353	None
2350-021	Standard 2350 system with 4MB ECC MOS memory (1 board), 120MB Winchester disk, 16 async lines (AMLC) combination disk/tape controller 60MB cartridge tape, system console and PRIMOS (Execute-only)	26,900	520	416	None
2350-041	Standard 2350 system with 4MB ECC MOS memory (1 board), 258MB Winchester disk, ICS3 with 4 async lines combination disk/tape controller 60MB cartridge tape, system console and PRIMOS (Execute-only)	29,560	520	416	None

OFFICE ENVIRONMENT SYSTEMS

2450 SYSTEMS

Standard 2450 system includes the 2450 central processor, diagnostic processor, cabinet, chassis, power supply, memory, combination disk/tape controller, communication controller, 5.25-inch Winchester disk, 60MB cartridge tape unit, PT200 system console with green phosphor monitor and U.S. keyboard, modem, and PRIMOS operating system (Execute-Only). PRIMOS Source Code and/or utility Source Code may be ordered separately (8503A-P, 8503B-P).

Product Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments
2450-021	Standard 2450 system with 4MB ECC MOS memory (1 board), 120 MB Winchester disk, 16 async lines (AMLC) combination disk/tape controller 60MB cartridge tape, system console and PRIMOS (Execute-only)	$43,900	$610	$488	None
2450-041	Standard 2450 system with 4MB ECC MOS memory (1 board), 258MB Winchester disk, ICS3 with 4 async lines combination disk/tape controller 60MB cartridge tape, system console and PRIMOS (Execute-only)	46,560	610	488	None

2455 SYSTEM

Standard 2455 system includes the 2455 central processor, three disk chassis, cabinet, power supplies, diagnostic processor, memory, combination disk/tape controller, 60 MB cartridge tape, and PRIMOS operating system (Execute-only). PRIMOS source code and/or utility source code may be ordered separately. Appplicable software ordered for the 2455 system must be specified with the -Pl suffix.

Product Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments
2455-061	Standard 2455 CPU, three-disk cabinet, 4MB ECC MOS memory (1 board), 258MB Winchester disk, ICS3 with 4 async lines, PT200 system console with green phosphor monitor, U.S. keyboard, and PRIMOS (Execute-only)	$62,810	$549*	$439*	U.S. Only

*   HARDWARE MAINTENANCE ONLY. OPERATING SYSTEM SUPPORTED SEPARATELY. PLEASE SEE SECTION 8 OF THIS PRICE BOOK FOR PRICING ON PRIMOS MAINTENANCE.

OFFICE ENVIRONMENT SYSTEMS

2755 SYSTEMS

The standard 2755 system includes the 2755 central processor,
diagnostic processor, cabinet, chassis, power supply, and PRIMOS
Operating System (Execute-Only). When required, PRIMOS source code
and/or utility source code may be ordered separately (8503A-P,
8503B-P). A modem for diagnostics and a PT200 console is included.

Product Number	Description	U.S. List Price	Maintenance Pref.	Basic	Prereq/ Comments
2755-ALC	Standard 2755 system, 4MB ECC MOS memory (1 board), one 496MB FMD with one intelligent disk controller, one office peripheral cabinet, system console and PRIMOS Execute-only	$95,050	$623	$498	PRIMOS Rev 20.2.1
2755-BLC	Standard 2755 system, 4MB ECC MOS memory (1 board), one 496MB FMD with one intelligent disk controller, Streaming magnetic tape subsystem, one office peripheral cabinet, system console and PRIMOS Execute-only	102,700	715	572	PRIMOS Rev 20.2.1
2755-CLC	Standard 2755 system, 8MB ECC MOS memory (2 boards), two 496MB FMDs with one intelligent disk controller, Streaming magnetic tape subsystem, ICS3 with 16 async lines, (4 CLAC204s), two office peripheral cabinets, system console and PRIMOS (Execute-only)	133,200	1,034	827	PRIMOS Rev 20.2.1
2755-11C	Standard 2755 system, 4MB ECC MOS memory (1 board), one 496MB FMD with one intelligent disk controller, one office peripheral cabinet, (7730H), PT200 system console and PRIMOS (Execute-only)	95,050	623	498	PRIMOS Rev 20.2.1

OFFICE ENVIRONMENT SYSTEMS

2755 SYSTEMS (Continued)

Product Number	Description	U.S. List Price	Maintenance Pref.	Basic	Prereq/ Comments
2755-12C	Standard 2755 system, 4MB ECC MOS memory (1 board), one 496MB FMD with one intelligent disk controller, streaming magnetic tape subsystem, one office peripheral cabinet (7730H), PT200 system console and PRIMOS (Execute-only)	$102,700	$715	$572	PRIMOS Rev 20.2.1
2755-13C	Standard 2755 system, 8MB ECC MOS memory (2 boards), two 496MB FMDs with one intelligent disk controller, streaming magnetic tape subsystem, ICS3 (model 5735HL) with 16 async lines (4 CLAC304s), two office peripheral cabinets (7730H), PT200 system console and PRIMOS (Execute-only)	129,000	926	741	PRIMOS Rev 20.2.1
2755-14C	Standard 2755 system, 8MB ECC MOS memory (2 boards), one 770MB FMD with one intelligent disk controller, ICS3 (model 5735HL) with 16 async lines (4 CLAC304s), one office peripheral cabinet (7730H), PT200 system console and PRIMOS (Execute-only)	116,100	754	603	PRIMOS Rev 20.2.1

PRIMOS-BASED ACCESSORIES

Product Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments
7560-2250	Desktop for a Prime 2250 system	$1,000	N/A	N/A	2250
7561-2250	Power Conditioning Unit	1,500	N/C	N/C	2250, 120 VAC
7653L	Office peripheral cabinet	1,950	N/C	N/C	For rack-mounted 2550/2655 peripherals (See Note 1)
7730H	Four-disk office peripheral cabinet	2,450	N/A	N/A	For rack-mounted peripherals
7562L	Power conditioning unit for system cabinet	1,500	N/C	N/C	2350, 2450, 2550, or 2655 system cabinet
7563L	Power conditioning unit for office peripheral cabinet	1,500	N/C	N/C	2350, 2450 2550 or 2655 office peri-pheral cabinet

UNIX-BASED ACCESSORIES

Product Number	Description	US List Price	Maintenance Pref	Bas	CSSO	Prerequisites/ Comments
7660	Expansion cabinet with Multibus II (4 expansion slots and space for 2 disks, power supply, interconnection cables and U.S. power cords	3,000	25	20	15	EXL316-XXX

NOTE 1: Effective July 20, 1987, 7653L was withdrawn from Prime's product line. Sales orders for this product will be accepted on an as available basis only until November 3, 1987.

COMPUTER ROOM SYSTEMS

9755 SYSTEMS

The standard 9755 system includes the 9755 central processor, diagnostic
processor, cabinet, chassis, power supply, and PRIMOS operating system
(Execute-Only). When required, PRIMOS source code and/or utility source code
may be ordered separately (8503A-P, 8503B-P). A modem for diagnostics and a
color system console is included.

Product Number	Description	US List Price	Maintenance Pref	Basic	Prereq/ Comments
9755-CSC	Standard 9755 system with 8MB ECC MOS memory (2 boards), 496MB FMD with one intelligent disk controller, Streaming Magnetic Tape Subsystem, peripheral cabinet, system console and PRIMOS (Execute-only)	245,900	1,672	1,338	PRIMOS Rev 20.0.2
9755-MSC	Standard 9755 system with 8MB ECC MOS memory (2 boards), one 496MB FMD with one intelligent controller, 800/1600/6250 BPI 75 IPS magnetic tape subsystem, peripheral cabinet, system console and PRIMOS (Execute-only)	261,600	1,761	1,409	PRIMOS Rev 20.0.2
9755-GSC	Standard 9755 system with 8MB ECC MOS memory (2 boards), 496MB FMD with one intelligent controller, ICS3 with 32 async lines (8 CLAC304s), peripheral cabinet, system console and PRIMOS (Execute-only)	247,000	1,700	1,360	Requires PRIMOS Rev 20.1 or later

COMPUTER ROOM SYSTEMS

9755 SYSTEMS (Continued)

Product Number	Description	US List Price	Maintenance Pref	Basic	Prereq/ Comments
9755-LSC	Standard 9755 system with 8MB ECC MOS memory (2 boards), one 770MB FMD with one intelligent controller, 800/1600/6250 BPI 75 IPS Magnetic tape subsystem, ICS3 with 32 async lines (8 CLAC 304s), one peripheral cabinet, system console and PRIMOS (Execute-only)	$277,900	$1,916	$1,533	Requires PRIMOS Rev 20.0.2
9755-MNC *	Standard 9755 system with 8MB ECC MOS memory (2 boards), 300MB SMD with burst mode controller, system console and PRIMOS (Execute-only)	240,400	1,776	1,421	PRIMOS Rev 20.0.2
9755-VNC	Standard 9755 system with 8MB ECC MOS memory (2 boards), 496MB FMD with one intelligent disk controller, one peripheral cabinet, system console and PRIMOS (Execute-only)	238,200	1,580	1,264	PRIMOS Rev 20.0.2
9755-WNC	Standard 9755 system with 8MB ECC MOS memory (2 boards) one 770MB FMD with one intelligent disk controller, one peripheral cabinet, system console and PRIMOS (Execute-only)	245,700	1,615	1,292	PRIMOS Rev 20.2.2 or later

* This system is packaged with the 4005 burst mode disk controller. Only systems with 496MB FMDs in the package have the new intelligent controller.

COMPUTER ROOM SYSTEMS

9955 II SYSTEMS

The standard 9955 II system includes the 9955 II central processor, diagnostic
processor, cabinet, chassis, power supply, and PRIMOS operating system
(Execute-Only). When required, PRIMOS source code and/or utility source code
may be ordered separately (8503A-P, 8503P-B). A modem for remote diagnostics
and a color system console is included.

Product Number	Description	US List Price	Maintenance Pref	Basic	Prereq/ Comments
9955M2-DSC	Standard 9955 II system with 16MB ECC MOS memory (2 boards), one 496 MB FMD with one intelligent controller, 800/1600/6250 BPI 75 IPS tape subsystem, one peripheral cabinet, system console and PRIMOS (Execute-only)	$379,900	$2,281	$1,825	Rev 20.2.2
9955M2-JTC	Standard 9955 II system with 16MB ECC MOS memory (2 boards), three 496MB FMDs with one intelligent controller, 800/1600/6250 BPI 75 IPS Magnetic tape subsystem, two peripheral cabinets, system console and PRIMOS (Execute-only)	405,400	2,511	2,009	Rev 20.0.2
9955M2-ETC	Standard 9955 II system with 16MB ECC MOS memory (2 boards), three 770MB FMDs with one intelligent controller, 800/1600/6250 BPI 75 IPS Magnetic tape subsystem, ICS3 with 32 async lines, (8 CLAC304s), two peripheral cabinets, system console and PRIMOS (Execute-only)	434,500	2,736	2,189	Requires PRIMOS Rev 20.2.2 or later

COMPUTER ROOM SYSTEMS

9955 II SYSTEMS (Continued)

Product Number	Description	US List Price	Maintenance Pref	Basic	Prereq/ Comments
9955M2-MTC	Standard 9955 II system with 32MB ECC MOS memory (4 boards), five 770MB FMDs with two intelligent controllers, 800/1600/6250 BPI 75 IPS Magnetic tape subsystem, two peripheral cabinets, system console and PRIMOS (Execute-only)	$486,800	$2,961	$2,369	Rev 20.0.2
9955M2-MNC	Standard 9955 II system with 16MB ECC MOS memory (2 boards), 300MB SMD with burst mode controller, system console and PRIMOS (Execute-only)	358,700	2,284	1,827	None
9955M2-VNC	Standard 9955 II system with 16MB ECC Memory (2 boards), one 496MB FMD with one intelligent disk controller, one peripheral cabinet, system console and PRIMOS (Execute-only)	356,500	2,100	1,680	None
9955M2-WMC	Standard 9955 II system with 16MB ECC MOS Memory (2 boards) one 770MB disk with one intelligent disk controller, one peripheral cabinet, color system console, and PRIMOS (Execute-only)	364,000	2,135	1,708	PRIMOS Rev 20.2.2

6350 SYSTEMS

The standard 6350 system includes the 6350 central processor, maintenance processor, cabinet, chassis, power supplies, and the PRIMOS operating system (Execute-only).

A modem for remote diagnostics is built into the maintenance processor of all 60Hz versions. The addition of a locally specified modem is necessary for remote diagnostics on all 50Hz systems. All 60Hz console versions (6350-XXC) have a U.S. keyboard. All 50Hz console versions (6350-XXC-A) have a U.K. keyboard.

Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments
6350-ASC	Standard 6350 CPU with 32MB of ECC MOS memory (4 boards), one 770MB fixed media disk with one intelligent controller, one peripheral cabinet, PT200 color system console and PRIMOS (Execute-only)	$549,000	$2,155*	$1,724*	PRIMOS Rev 20.2.3
6350-DSC	Standard 6350 CPU with 32MB of ECC MOS memory (4 boards), three 770MB fixed media disks with one intelligent controller, 800/1600/6250 BPI 75 IPS magnetic tape subsystem, ICS3 in system cabinet with 32 async lines, two peripheral cabinets, PT200 color system console, and PRIMOS (Execute-only)	619,400	2,756*	2,205*	PRIMOS Rev 20.2.3
6350-FSC	Standard 6350 CPU with 32MB of ECC MOS memory (4 boards), five 770MB fixed media disks with two intelligent controllers, 800/1600/6250 BPI 75 IPS magnetic tape subsystems, ICS3 in system cabinet with 32 async lines, two peripheral cabinets, PT200 color system console and PRIMOS (Execute-only)	665,700	3,101*	2,481*	PRIMOS Rev 20.2.3

* NOTE: HARDWARE MAINTENANCE ONLY. OPERATING SYSTEM SUPPORTED SEPARATELY. PLEASE SEE SECTION 8 OF THIS PRICE BOOK FOR PRICING ON PRIMOS MAINTENANCE.

August, 1987

6550 SYSTEMS

The standard 6550 system includes the 6550 central processor, maintenance
processor, cabinet, chassis, power supplies, and the PRIMOS operating system
(Execute-only).

A modem for remote diagnostics is built into the maintenance processor of all
60Hz versions. The addition of a locally specified modem is necessary for
remote diagnostics on all 50Hz systems. All 60Hz console versions (6550-XXC)
have a U.S. keyboard. All 50Hz console versions (6550-XXC-A) have a U.K.
keyboard.

Product Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments
6550-ASC	Standard 6550 CPU with 32MB of ECC MOS memory (4 boards), one 770MB FMD with one intelligent controller, one peripheral cabinet, PT200 color system console and PRIMOS (Execute-only)	$804,000	$2,998*	$2,398*	PRIMOS Rev 21.0 Strongly recommended use of second disk controller with any add-on disks.
6550-DSC	Standard 6550 CPU with 32MB of ECC MOS memory (4 boards), three 770MB FMDs with one intelligent controller, 800/1600/ 6250 BPI 75 IPS Magnetic Tape Subsystem, ICS3 in system cabinet with 32 async lines, two peripheral cabinets, PT200 color system console, and PRIMOS (Execute-only)	874,400	3,599*	2,879*	PRIMOS Rev 21.0 Strongly recommend use of second disk controller with any add-on disks.
6550-FSC	Standard 6550 CPU with 32MB of ECC MOS memory (4 boards), five 770MB FMDs with two intelligent controllers, 800/1600/ 6250 BPI 75 IPS Magnetic Tape Subsystem, ICS3 in system cabinet with 32 async lines, two peripheral cabinets, PT200 color system console, and PRIMOS (Execute-only)	920,700	3,944*	3,155*	PRIMOS Rev 21.0 Strongly recommend the use of a second disk controller with any add-on disks.

* NOTE: HARDWARE MAINTENANCE ONLY. OPERATING SYSTEM SUPPORTED SEPARATELY.
       PLEASE SEE SECTION 8 OF THIS PRICE BOOK FOR PRICING ON PRIMOS
       MAINTENANCE.

FOR INTERNAL USE ONLY

2-14

SYSTEM CABINETS

Product Number	Description	US List Price	Maintenance Pref	Basic	Prereq./ Comments
Peripheral Cabinets					
7564S	Additional FCC-compliant peripheral cabinet for rack mounted devices	3,850	N/A	N/A	N/A
MEC6418-001	Disk Expansion panel	N/C	N/A	N/A	3 or 4 control-lers

UNIX-BASED SYSTEMS

PRIME EXL 316 SYSTEMS

Product Number	Description	US List Price	Maintenance** Pref	BAS	CSSO	Prereqs
EXL316-200	Standard Intel 80386-based system with 2MB memory, 90MB FMD, 60MB cartridge tape, SCSI disk/tape controller, 1 async controller with 8 lines, Prime's implementation of AT&T's UNIX V.3, diagnostic monitor and software, U.S. power cord	$23,900	$203	$162	$131	PT200 system console
EXL316-201	Same as EXL316-200 with PT200 system console and U.S. keyboard	24,500	203*	162*	131*	
EXL316-205	Same as EXL316-201 with 4 additional PT200 terminals (U.S. keyboards)	26,900	203*	162*	131*	
EXL316-400	Standard Intel 80386 based system with 4MB memory, 258MB FMD, 60MB cartridge tape SCSI disk/tape controller, 2 async controllers with 16 lines, Prime's implementation of AT&T's UNIX V.3, diagnostic monitor and software, U.S. power cord, customer-installable	32,900	248	198	149	PT200 system console
EXL316-401	Same as EXL316-400 with PT200 system console and U.S. keyboard	33,500	248*	198*	149*	
EXL316-405	Same as EXL316-401 with 4 additional PT200 terminals (U.S. keyboards)	35,900	248*	198*	149*	
EXL316-420	Same as EXL316-400 with controller board and software to provide TCP/IP over Ethernet capability (84510-EXL-P)	35,900	273	218	165	PT200 system console

** Hardware maintenance only. Operating system and diagnostic software supported separately. (See Section 8 - Unix-based software.) At least one modem is required per site for maintenance.

* Monthly maintenance prices do not include maintenance of packaged terminals. Service for terminals must be elected independently and added as a separate line item with maintenance price only.

PRIME EXL 316 SYSTEMS

Product Number	Description	US List Price	Maintenance** Pref	BAS	CSSO	Prereqs
EXL316-421	Same as EXL316-420 with PT200 system console and U.S. keyboard	$36,500	$273*	$218*	$165*	
EXL316-425	Same as EXL316-421 with 4 additional PT200 terminals (U.S. keyboards)	38,900	273*	218*	165*	
EXL316-800	Standard Intel 80386 based system with 8MB memory, 258MB FMD, 60MB cartridge tape, SCSI disk/tape controller, 2 async controllers with 16 lines, Prime's implementation of AT&T's UNIX V.3, diagnostic monitor, and software, U.S. power cord customer-installable	36,900	273	218	169	PT200 system console
EXL316-801	Same as EXL316-800 with PT200 system console and U.S. keyboard	37,500	273*	218*	169*	
EXL316-805	Same as EXL316-801 with 4 additional PT200 terminals (U.S. keyboards)	39,900	273*	218*	169*	
EXL316-820	Same as EXL316-800 with controller board and software to provide TCP/IP over Ethernet capability	39,900	298	238	185	PT200 system console
EXL316-821	Same as EXL316-820 with PT200 system console and U.S. keyboard	40,500	298*	238*	185*	
EXL316-825	Same as EXL316-821 with 4 additional PT200 terminals (U.S. keyboards)	42,900	298*	238*	185*	

** Hardware maintenance only. Operating system and diagnostic software supported separately. (See Section 8 - Unix-based software.) At least one modem is required per site for maintenance.

* Monthly maintenance prices do not include maintenance of packaged terminals. Service for terminals must be elected independently and added as a separate line item with maintenance price only.

SALES SUPPORT PROGRAMS

Product Number	Description	Authorized Reseller List Price
H-2350-R	LEAD REFERRAL FOR 2350	$ 1,000
H-2350-H	SALES ASSISTANCE FOR 2350	450
H-2450-R	LEAD REFERRAL FOR 2450	1,600
H-2450-H	SALES ASSISTANCE FOR 2450	700
H-2455-R	LEAD REFERRAL FOR 2455	2,100
H-2455-H	SALES ASSISTANCE FOR 2455	950
H-2755-R	LEAD REFERRAL FOR 2755	3,000
H-2755-H	SALES ASSISTANCE FOR 2755	1,350
H-6350-R	LEAD REFERRAL FOR 6350	18,000
H-6350-H	SALES ASSISTANCE FOR 6350	8,000
H-6550-R	LEAD REFERRAL FOR 6550	26,000
H-6550-H	SALES ASSISTANCE FOR 6550	12,000
H-9755-R	LEAD REFERRAL FOR 9755	7,600
H-9755-H	SALES ASSISTANCE FOR 9755	3,500
H-9955 II-R	LEAD REFERRAL FOR 9955 II	11,000
H-9955 II-H	SALES ASSISTANCE FOR 9955 II	4,900
H-EXL316-R	LEAD REFERRAL FOR PRIME EXL 316	360
H-EXL316-H	SALES ASSISTANCE FOR PRIME EXL 316	360
H-EXP	SALES ASSISTANCE FOR EXPANSION	*
H-UG-R	LEAD REFERRAL FOR UPGRADE	**
H-UG-H	SALES ASSISTANCE FOR UPGRADE	**

* EXPANSIONS: SALES ASSISTANCE - $15 PER $1,000 OF NET PRICE OF SALES ORDER

** UPGRADES: SALES ASSISTANCE - $15 PER $1,000 OF NET PRICE OF SALES ORDER
LEAD REFERRAL - $33 PER $1,000 OF NET PRICE OF SALES ORDER

NOTE: SALES ASSISTANCE IS MANDATORY FOR UPGRADES OCCURING WITHIN 12 MONTHS OF ANY ORIGINAL SYSTEM SALE COVERED BY A LEAD REFERRAL AGREEMENT.

SECTION 3

MEMORY EXPANSION - 50 Series Systems
TABLE OF CONTENTS

SECTION 3

MEMORY EXPANSION - 50 Series Systems

GENERAL

50 Series systems contain error-correcting ECC MOS main memory. For main memory to be added to a central processor, the following conditions apply:

o Main memory types must be compatible.

o Open board positions must be available in the CPU cabinet.

o Maximum memory size for the specific Prime processor cannot be exceeded.

The following table summarizes these requirements. Note that the upper half of the table covers the current 50 Series product line, and the lower half covers the earlier 50 Series product line. Although earlier 50 Series systems are no longer offered as new systems, installed systems may require memory expansion and upgrades. For more specific information about configurations, refer to the 50 Series Configuration Guide.

Type of System	Maximum Memory	MMW Memory	MMW1 Memory	MMW2 Memory	MMW3 Memory
2350	8MB	No	Yes	No	No
2450	8MB	No	Yes	No	No
2455	12MB	No	Yes	No	No
2755	16MB	No	Yes	No	No
9755	16MB	No	No	Yes	No
9955-II	32MB	No	No	Yes (1)	No
6350	64MB (2)	No	No	No	Yes
6550	128MB (3)	No	No	No	Yes
150	4MB	Yes	Yes	No	No
2250	4MB	No	Yes	No	No
250	4MB	Yes	Yes	No	No
250-II	4MB	Yes	Yes	No	No
450	4MB	Yes	Yes	No	No
450-II	4MB	Yes	Yes	No	No
550	4MB	Yes	Yes	No	No
550-II	4MB	Yes	Yes	No	No
2550	4MB	No	Yes	No	No
650	4MB	Yes	Yes	No	No
750	8MB	Yes	Yes	No	No
2655	8MB	No	Yes	No	No
9650	8MB	No	Yes	No	No
9655	8MB	No	Yes	No	No
850	8MB	No	Yes	No	No
9750	12MB	No	No	Yes	No
9950	16MB	No	No	Yes	No
9955	16MB	No	No	Yes	No

* See NOTES on next page

NOTE: For memory trade-in policy and memory credits, refer to Section 9.

(1)   MMW2-2MB will not run on 9955 II
(2)   6350 will not support 64MB of main memory prior to PRIMOS Rev. 21.
(3)   6550 will not support 128MB of main memory until next major release of
      PRIMOS (Due in Mid 1988).

PRIMOS OPERATING SYSTEM-BASED MEMORY PACKAGES

EXPANSION MEMORY BOARDS

Product Number	Description	US List Price	Maintenance Pref.	Basic	Prereq./ Comments
MMW1-E9	1024KB of Error Correcting (ECC) MOS memory. Takes one board position.	$ 4,900	$ 55	$ 44	
MMW1-2MB	2048KB wide-word, self-interleaving, ECC MOS memory. Takes 1 board position.	7,500	50	40	Not for 2350, 2450
MMW1-2MT	Same as MMW1-2MB for 2350, 2450 systems	7,500	50	40	
MMW1-4MB	4096KB, wide-word, self-interleaving, ECC MOS memory. Takes one board position.	11,900	100	80	Not for 2350, 2450
MMW1-4MT	Same as MMW1-4MB for 2350, 2450 systems	11,900	100	80	
MMW2-2MB	2048KB of interleaved Error Correcting (ECC) MOS memory. Takes one board position.	13,500	100	80	Not for 9955 II
MMW2-4MB	4096KB, wide-word, self-interleaving, ECC MOS memory. Takes one board position.	24,500	110	88	
MMW2-8MB	8192KB, wide-word, self-interleaving, ECC MOS memory. Takes one board position.	42,500	220	176	
MMW3-8MB	8192KB, wide-word self-interleaving, ECC MOS memory. Takes one board position.	20,000	0	0	6350 or 6550 system only

MEMORY PACKAGES

Product Number	Description	US List Price	Maintenance Pref	Basic	Prereq./ Comments
4MMW3-8MB	32MB, wide-word self-interleaving, ECC MOS memory consisting of four MMW3-8MB boards. Takes four board positions.	$48,000	$0	$0	6350 or 6550 system only

August, 1987

SECTION 4

PERIPHERALS - MAGNETIC STORAGE -- 50 Series Systems
TABLE OF CONTENTS

SECTION 4

PERIPHERALS – MAGNETIC STORAGE –– 50 Series Systems

GENERAL

With the introduction of FCC-compliant systems, peripheral subsystems may be ordered in the following configurations, depending on the types of system and peripherals. The options for the Product Number XXXX are:

<u>50 Series Systems</u>

XXXXF   Available on all FCC and non-FCC compliant systems/peripheral subsystems using suffix 'F' for all systems, except 2250.

XXXXS   Available for systems with 7564S peripheral cabinet

XXXXL   Available for 2550 and 2655 systems only

XXXX-2250 Available for 2250 systems only

XXXXG   Available for 6350 and 6550 systems only

XXXXHL   Available for 2550, 2655 and 2755 systems with 7730H office cabinet

PRIMOS OPERATING SYSTEM-BASED PERIPHERALS

STORAGE MODULE DISK (SMD) SUBSYSTEMS

Product Number	Description	US List Price	Maintenance Pref.	Basic	Prerequisites Comments
300MB Storage Module Disks (Free Standing)					
4471F 4471G	300MB Disk subsystem includes burst mode controller, 300MB disk pack and cable	$30,500	$356	$285	Prime CPU Not for 2250
4472F 4472G	Second 300MB expansion drive, controller upgrade, disk pack and cable	21,000	311	249	4X21, 31, 41, 51, 61, 71, 75, 81, 91, or 'F' suffix
4473F 4473G	Third 300MB expansion drive, controller upgrade, disk pack and cable	21,000	311	249	4X22, 32, 42, 52, 62, 72, 76, 82, 92, or 'F' suffix
4474F 4474G	Fourth 300MB expansion drive, controller upgrade, disk pack and cable	21,000	311	249	4X23, 33, 43, 53, 63, 73, 77, 83, 93, or 'F' suffix
SMD Disk Packs and Upgrades					
4247	Removable disk pack, 300MB	2,500	N/A	N/A	Any Prime 300MB SMD

FIXED MEDIA DISK (FMD) SUBSYSTEMS

Product Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments
MEC6418-001	Disk expansion panel	N/C/C	N/A	N/A	Three or four disk controllers
KIT7593-901	Kit, expansion rack mounted disk, daisy chain cable	$450	N/A	N/A	First expansion rack mounted disk in a computer room peripheral cabinet
KIT10001-001	Kit, expansion rack mounted disk, daisy chain cable	450	N/A	N/A	First expansion rack mounted disk in an office peripheral cabinet

FIXED MEDIA DISK (FMD) SUBSYSTEMS (Continued)

Product Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments
60MB Fixed Media Disks					
4711	Add-on 60MB (formatted) 5.25" form factor, fixed media disk drive	$3,400	$53	$42	2350 or 2450 system
4715	Add-on 120MB (formatted) 5.25" form factor, fixed media disk drive	4,900	83	66	2350 or 2450 system
258MB Fixed Media Disks					
4719	Add-on 258MB 5.25-inch Fixed Media Disk drive, Mounting kit package	7,900	55	44	2350 or 2450 system
496MB Fixed Media Disk Subsystem					
4735L 4735F 4735S 4735G 4735HL	Left 496MB disk drive, controller,* Full rack-mounting hardware, cable	24,500	160	128	Peripheral cabinet space, PRIMOS Rev 20.0.2 or later, I/O controller slot avail.
4736L 4736S 4736G 4736HL	Right 496MB disk drive, controller * and cable	24,500	160	128	Same as 4735X plus rack-mount hardware
4737L 4737S 4737G 4737HL	Left 496MB disk drive, full rack-mounting hardware and cable	15,000	115	92	Peripheral cabinet space, PRIMOS Rev 20.0.2 or later
4738L 4738F 4738S 4738G 4738HL	Right 496MB Winchester disk drive and cable	15,000	115	92	Same as 4737X plus rack-mounting hardware

* The disk controller does not require an upgrade to support additional disk
   drives, to a maximum of four.

FIXED MEDIA DISK (FMD) SUBSYSTEMS (Continued)

Product Number	Description	US List Price	Maintenance Pref	Maintenance Basic	Prerequisites/ Comments
770MB Fixed Media Disk Subsystem					
4835S 4835F 4835G 4835HL	Left 770MB disk drive, controller, full rack-mounting hardware, cable	$32,000	$195	$156	Peripheral cabinet space, PRIMOS Rev 20.2.2 or later, I/O controller slot avail.
4836S 4836G 4836HL	Right 770MB disk drive, controller and cable	32,000	195	156	Same as 4835X plus rack-mounting hardware
4837S 4837G 4837HL	Left 770MB add-on disk drive, full rack-mounting hardware, cable	22,500	150	120	Peripheral cabinet space, PRIMOS Rev 20.2.2 or later
4838S 4838F 4838G 4838HL	Right 770MB add-on disk drive, cable	22,500	150	120	Same as 4837X plus rack-mounting hardware

MAGNETIC TAPE SUBSYSTEMS

Product Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments
GCR MAGNETIC TAPE SUBSYSTEM					
4590S 4590G	800/1600/6250 BPI 50 IPS Magnetic tape, Burst-mode controller,cabinet,cables	$27,500	$181	$145	50 Series System
4591S 4591G	Add on Tri-density GCR tape, cabinet, cables	21,500	131	105	4590F or 4590
4592G 4592S	Tri-density GCR magnetic tape drive, formatter, burst-mode controller, cabinet and cables	28,800	181	145	Computer Room system
4593G 4593S	Tri-density GCR magnetic tape drive, cabinet and cables	22,800	131	105	4592G/S or 4590F/S with 2 or less add-on tape drives
NRZI/PE - 800/1600 BPI and Add-ons					
4522S	Magnetic tape subsystem, 9 track, 800/1600 BPI, 75IPS, controller, cables	18,500	192	154	50 Series System
4529S	Add-on stand alone mag tape transport, cabinet, cables, 800/1600 BPI, 75 IPS, 9 track, in cabinet	14,000	124	99	4520F, 4522F, 4520-2250, 4522-2250 4522S
4530S	Add-on tandem mag tape transport, cabinet, cables, 9 track, 800/1600 BPI, 75 IPS, in cabinet *	14,000	124	99	4520F, 4522F 4520-2250 4522-2250

* The tandem magnetic tape drive is mounted in a cabinet without its side skins. This allows cabinets to be mounted together.

MAGNETIC TAPE SUBSYSTEMS (continued)

Product Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments
NRZI Only - 800 BPI					
4521S	Add-on mag tape transport, cabinet, cables, 800/1600 BPI, 75IPS, 9 track	$14,000	$124	$99	4180, 4190 (See Note 1)
4542S	Add-on tandem mag tape transport, cabinet, cables 800/BPI, 75IPS, 9 track	14,000	124	99	4180, 4190 (See Note 1)
Streaming Magnetic Tape Subsystems					
4660T	Streaming tape drive, controller, cables, cabinet	11,000	92	74	2250, 2350, or 2450, Rev 19.2 or later (See Note 2)
4660S 4660G	Streaming tape drive, controller, cable	9,000	92	74	7564S cabinet, Rev 19.2 or later
4660HT	Streaming tape drive, controller, cables, 7730H office cabinet	11,000	92	74	2350, 2450 or 2455, PRIMOS Rev 19.2 or later
4661S 4661G	Add-on streaming tape	6,500	84	67	4660S
4660-2250	Streaming tape drive, controller, cables, cabinet	11,000	92	74	2250, 2350, or 2450, Rev 19.2 or later (See Note 2)
4661-2250	Additional streaming tape drive, cables	6,500	84	67	4660-2250, Rev 19.2 or later

NOTE 1: Effective June 16, 1987, these products were withdrawn from Prime's product line. Sales orders for these tape drives will be accepted on an as available basis only until September 29, 1987, and thereafter, until inventories are depleted.

NOTE 2: Effective July 20, 1987, these products were withdrawn from Prime's product line. Sales orders for these tape drives will be accepted on an as available basis only until November 3, 1987.

MAGNETIC TAPE SUBSYSTEMS (continued)

Product Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments

Streaming Magnetic Tape Subsystems (continued)

Product Number	Description	US List Price	Pref	Basic	Prerequisites/ Comments
4560F 4560L	Streaming tape drive, controller, cable	9,000	92	74	Not for 2250, Rev 19.2 or later
4560HL	Streaming tape drive, controller, cable	9,000	92	74	7730H, PRIMOS Rev 19.2 or later, 2250, 2550, 2655 or 2755
4561F 4561L	Streaming tape drive, cable	6,500	84	67	4560F or 4560L
4561HL	Streaming tape drive, cable	6,500	84	67	4560HL, PRIMOS Rev. 19.2 or later, 2250, 2550, 2655 or 2755

MAGNETIC TAPE SUBSYSTEMS (continued)

Product Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments
Magnetic Tape					
4149	Magnetic tape reel, 10.5 inch/2400 feet	$ 50	N/A	N/A	Any Prime open reel tape or streaming tape
Cartridge Tape Drives					
4581F 4581L	15MB cartridge tape drive, controller, cable	$7,000	$108	$86	50 Series and cabinet space, Not for 2250
4582F	15MB cartridge tape drive, cable (50 Series, second device)	4,500	74	59	4581F and cabinet space, Not for 2250
4585F 4585G	Streaming cartridge tape subsystem, self-contained, with QIC-02 interface, power supply and cord, table-top cabinet with 1 controller board, and one 45MB 1/4" tape cartridge	4,990	57	46	50 Series with I/O Controller slot available PRIMOS Rev 20.0 or later
4651-2250	15MB cartridge tape drive, cable, (2250 add-on)	4,500	67	54	2250 System with cartridge tape subsystem
Cartridge Tape					
4649-2250	Magnetic tape cartridge, 1/4 inch/450 feet, preselected/preconditioned	50	N/A	N/A	15MB cartridge tape drive
4650	Blank data cartridge tape, 450 feet	40	N/A	N/A	60MB cartridge tape on 2350 or 2450

SECTION 5

PERIPHERALS — OTHER THAN MAGNETIC STORAGE
TABLE OF CONTENTS

SECTION 5

PERIPHERALS - OTHER THAN MAGNETIC STORAGE

GENERAL

With the introduction of FCC-compliant systems, peripheral subsystems may be ordered in the following configurations, depending on the type of system and peripherals. The options for the Product Number XXXX are:

XXXXF   Available on all FCC and non-FCC compliant systems/peripheral subsystems using suffix 'F' for all systems except 2250

XXXXG   Available for use with the 6350 and 6550 systems.

XXXX-2250 Available for 2250 systems only

UNIT RECORD CONTROLLER (URC) AND FIRST DEVICE (PRINTERS)

Product Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments
2294D 2294F	URC only	$ 5,800	$ 37	$ 30	

Chain Printers

3166F 3166G	URC w/1000 LPM, 64 character line printer	$23,000	$279	$223	Prime 300 or larger; not for 2250
3167F 3167G	URC w/750 LPM, 96 character line printer	23,000	279	223	Prime 300 or larger; not for 2250

Matrix Line Printer/Plotter

3173F 3173-2250 3173G	URC w/300 LPM, 96 character matrix line printer/plotter	8,500	165	132	Prime 350, 400, 500 50 Series or 2250 system
3273F 3273-2250 3273G	URC w/600 LPM, 96 character Matrix Line Printer/Plotter	10,500	197	158	Prime 350, 400, 500, 50 series or 2250 system; PRIMOS Rev 18.2 or later

Band Printers

3320F 3320-2250 3320G	URC w/300 LPM, 64 character band printer, pedestal, cable	9,000	142	114	PRIMOS Rev 18.2 or later
3324F 3324-2250 3324G	URC w/200 LPM, 96 character band printer, pedestal, cable	9,000	142	114	PRIMOS Rev 18.2 or later
3330F 3330-2250 3330G	URC w/600 LPM, 64 character band printer, acoustic cabinet, cable	13,500	215	172	PRIMOS Rev 18.2 or later
3334F 3334-2250 3334G	URC w/450 LPM, 96 character band printer, acoustic cabinet, cable	13,500	215	172	PRIMOS Rev 18.2 or later

Chain Printers - (High duty cycle line printer)

3168F 3168G	1000 LPM 64 character chain line printer	$20,500	$238	$190	URC & 1st device
3172F 3172G	750 LPM 96 character chain line printer	20,500	238	190	URC & 1st3172G device

PRINTERS AND PLOTTERS

Product Number	Description	US List Price	Maintenance Pref.	Basic	Prerequisites/ Comments
Matrix Line Printer/Plotter					
3174F 3174-2250 3174G	300 LPM 96 character matrix line printer/ plotter	6,000	128	102	URC & 1st device
3274F 3274-2250 3274G	600 LPM 96 character matrix line printer/ plotter	8,000	160	128	URC & 1st device
Band Printers					
3126F, 3126-2250	300 LPM, 96 character matrix printer/plotter with serial interface, X-on, X-off capability	6,500	139	111	AMLC, ICS1 or ICS2
3226F	600 LPM, 96 character matrix printer/plotter with serial interface, X-on, X-off capability	8,500	170	146	AMLC, ICS1 or ICS2
3322F, 3322-2250 3322G	300 LPM 64 character band printer, pedestal, cable	6,500	105	84	URC & 1st device, PRIMOS Rev 18.2 or later
3326F, 3326-2250 3326G	200 LPM 96 character band printer, pedestal, cable	6,500	105	84	URC & 1st device, PRIMOS Rev 18.2 or later
3332F 3332-2250 3332G	600 LPM 64 character band printer, acoustic cabinet, cable	11,000	178	142	URC & 1st device, PRIMOS Rev 18.2 or later
3336F 3336-2250 3336G	450 LPM 96 character band printer, acoustic cabinet, cable	11,000	178	142	URC & 1st device, PRIMOS Rev 18.2 or later

NOTE: Cables are included with each product number.

OPTIONAL BAND KITS

Product Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments
600 LPM Printer Band					
3333	64 character U.S. ASCII	$550	N/A	N/A	600/450 LPM
450 LPM Printer Band					
3337	96 character U.S. ASCII	550	N/A	N/A	600/450 LPM
300 LPM Printer Band					
3323	64 character U.S. ASCII	550	N/A	N/A	300/200 LPM
200 LPM Printer Band					
3327	96 character U.S. ASCII	550	N/A	N/A	300/200 LPM Band Printer

PRINTERS

Serial Matrix Printers

3115F, 3115-2250	30 CPS KSR teleprinter stand and cables, 60 Hz	$1,950	$31	$25	AMLC, VCP, ICS1 or ICS2

Product Number	Description	List Price	Maintenance Pref	Basic	Prerequisites/ Comments
Letter Quality Printers					
3185	Letter quality printer 55 CPS, 96 character set	2,100	60	48	AMLC, ICS1 or ICS2
3185-P3	Package Includes: 3 3185 55 CPS LQP printers 3 3186 dual-tray sheet feeders	10,000	(Note 1)		AMLC, ICS1 or ICS2
3186	Dual-tray cut-sheet feeder	1,750	39	31	3185
3183	Legal (8.5 x 14") tray for sheet feeder	80	N/C	N/C	3186, 3186-A
3184	Landscape (11 x 8.5") tray for sheet feeder	80	N/C	N/C	3186, 3186-A
3189	International/landscape tray for sheet feeder (297 x 210 mm)	115	N/C	N/C	3186, 3186-A
3187	Forms tractor and paper handling system	400	N/C	N/C	3185
3188	Printer stand for 3185	300	N/C	N/C	3185

(Note 1)   Maintenance for each of the packaged components is charged individually.

CABLES ARE INCLUDED WITH EACH OF THE PRODUCTS LISTED ABOVE

Product Number	Description	U.S. List Price	Maintenance Pref	Basic	Prerequisites/ Comments

Laser Page Printer

Product Number	Description	U.S. List Price	Maintenance Pref	Basic	Prerequisites/ Comments
3410	Laser Page Printer with IBM Graphics Printer and Diablo 630 Personality Module. Includes power cord and consumables for 30,000 pages of output.	$4,350	$ 60	$ 48	PRIMOS Rev 18 or later

Add-on Options

Product Number	Description	U.S. List Price	Maintenance Pref	Basic	Prerequisites/ Comments
3411	Courier Font Cartridge 10-Bold, Italic Roman 8-Bold, Italic Legal- Normal, Bold, Italic — All at 12 point, 10 pitch	365			
3412	Prestige Elite Font Cartridge, Legal-Normal, Bold, Italic — All at 10 point, 12 pitch	365			
3413	Dutch 801 Proportional Font Cartridge Dutch 801-Normal, Bold, Italic, 10 point	365			
3414	Swiss/Dutch Proportional Font Cartridge Dutch 801-Normal, 8 point Dutch 801-Bold, 14 point Swiss 721-Bold, 14 point	365			

Product Number	Description	List Price
SUP-3410K1	Kit 1: Consumables for 3410 printer, includes: 6 toner cartridges, 3 collection bottles	$ 395
SUP-3410K2	Kit 2: Consumables for 3410 printer, includes: print drum, charger, developer cartridge, transfer unit	852
SUP-3410K3	Kit 3: Consumables for 3410 printer, includes: fuser	425
SUP-3410K4	Kit 4: Combination of Kit 1 and Kit 2 includes: 6 toner cartridges, 3 collection bottles, print drum, charger, developer cartridge, transfer unit	1247

Order Cycle Information

The Laser Page printer requires the customer to re-order and install toner cartridges and key hardware items that wear out with use. Each printer includes documentation explaining the replacement of these "consumable" items. The consumables are packaged in kits that can be ordered on a periodic basis, depending on the number of pages printed.

Consumables are ordered in the U.S through Telemarketing. Subsidiaries order through the local subsidiary office. International distributors order through their local zone office.

Each printer is delivered with sufficient consumables for the first 30,000 pages of output. (This represents approximately three months of usage by an average customer.) The customer must re-order consumables based on their paper usage rate. The normal re-order cycle is approximately 30,000 pages of output. Most customers can be expected to output approximately 10,000 pages per month.

We recommend that a printer log be maintained by the customer in order to monitor the ongoing usage rates experienced in paper and supplies. Each printer includes a convenient stick-on label listing the phone numbers of the Prime Telemarketing and Customer Service 800 phone numbers (U.S. only).

In addition to the consumables mentioned, it is also recommended that the customer purchase a special vacuum cleaner to clean the printer. The recommended vacuum is the 3M Field Service Vaccuum or an equivalent paper filter vacuum.

Listed below are the contents of the four consumables "kits" and their re-order cycles.

Description	Order Cycle	Product Number
KIT 1 - Toner	30,000 pages	SUP-3410K1

Includes:
6 toner cartridges   (replace each at 5,000 pages) 3 collection bottles   (replace each at 10,000 pages)

Description	Order Cycle	Product Number
KIT 2 - Drum/Developer	30,000 pages	SUP-3410K2

Includes:
1 print drum   (replace at 28-30,000 pages)
1 developer cartridge   (replace at 28-30,000 pages) 1 transfer unit (replace at 30-50,000 pages) * 1 charger   (replace at 30-50,000 pages) *

KIT 3 - Fuser Unit	100,000 pages	SUP-3410K3(-A)

Includes:
1 fuser

KIT 4 - Combination Pack	30,000 pages	SUP-3410K4

Includes: 1 Toner Kit (KIT 1) 1 Drum/Developer Kit (KIT 2)

*   We recommend that the customer change these two items every 30,000 pages, although the 3410 printer documentation states that the transfer unit and charger are good for up to 50,000 pages of output.

PRINTERS & PLOTTERS

Product Number	Description	US List Price	Maintenance Pref.	Basic	Prerequisites/ Comments
CALCOMP PLOTTERS					
PP1043	1043GT Calcomp Pen Plotter	$ 8,990	N/A	$ 85	
PP5735	5735XP Calcomp electro-static Plotter with 25MB disk	67,900	N/A	500	

SECTION 6

WORKSTATIONS AND TERMINALS
TABLE OF CONTENTS

SECTION 6

WORKSTATIONS AND TERMINALS

PERFORMER WORKSTATION

Product Number	Description	US List Price	Maintenance Pref	Basic	Def	Prerequisites

Packages

Product Number	Description	US List Price	Pref	Basic	Def	Prerequisites
PWS205P-US	20MB Monochrome Work-station with: CPU, 512KB memory, country specific keyboard, 12" monochrome monitor, 20MB Winchester/single diskette drive, WP software and documentation, 2.0 WP template self instruction package (English versions only).	$6,495	$89	$76	$63	50 Series CPU
PWS206P-US	52MB Cluster Master workstation with: Same as PW203P-US plus additional 512KB RAM expansion, 32MB Winchester expansion, cluster software, documentation and terminators.	11,584	162	140	119	50 Series CPU

Base Systems

Product Number	Description	US List Price	Maintenance	Prerequisites
PWS201B-US	PERFORMER Workstation base system including: 256KB processor, keyboard, power supply and line cord, WP usage rights and documentation templates (Host OAS & WP), and a self-instructional package.	3,150	Included in the charge for monitors	50 Series CPU PWS200M-12 or PWS200M-15US

Monitors

Product Number	Description	US List Price	Pref	Basic	Def	Prerequisites
PWS200M-12	12" monochrome monitor	395	34	27	20	PWS200B-US
PWS200M-15US	15" color monitor with line cord	1,895	44	35	26	PWS2012US-P PWS200B-US

PERFORMER WORKSTATION (Continued)

Product Number	Description	US List Price	Maintenance Pref	Basic	Def	Prerequisite
Mass Storage Options						
PWS200D-20US	20MB Winchester disk/ single flexible diskette drive, WP software, and System Administrator's Guide.	$3,100	*	*	*	PWS200B-US and monitor; no more than .1 per work-station
PWS200D-32	32MB disk expansion	3,199	38	30	23	PWS200-10US
PWS200D-21	Add-on 20MB Winchester disk/single flexible diskette drive, 60Hz version	3,100	32	26	19	PWS200D-20US, PWS200D-10US, PWS201P-US, PWS202P-US, PWS203P-US, or PWS204P-US no more than one per work-station
Accessory Equipment						
PWS200A-RM	256KB RAM expansion cartridge	595	5	4	3	PWS200-XX
PWS201A-RM	512KB RAM expansion cartridge	595	5	4	3	PWS200-XX
CBL9470-002T	50' cluster cable	100		N/C		
CBL9470-001T	100' cluster cable	150		N/C		
CBL9470-003T	300' cluster cable	350		N/C		

* Maintenance prices consist of two components, WP Software (Product number 8676) and an add-on disk storage (Product number PWS200D-20US). Separately priced, the components are: $23 per month for WP Software 8676, and $32 (Perf), $26 (Basic), 19 (Def) for add-on disk storage PWS200D-20US.

PERFORMER AND PRODUCER 100 WORKSTATIONS

Product Number	Description	US List Price	Maintenance Pref.	Basic	Prerequisites/ Comments
Diskettes and Cables					
DSK7561-001	Box of 10 blank data diskettes	$100	N/A		PRODUCER 100
CBL7549-001	3.2m (10 ft) cable for connecting PRODUCER 100 to LQP 3185	50	N/A		PRODUCER 100
CBL9470-001	100' cluster cable for PRODUCER 100	150	N/A		
CBL9470-002	50' cluster cable for Producer 100	100	N/A		
CON9469-001	Cluster cable terminator, set of two	100	N/A		One set required per cluster
Templates					
MEC7037-009	Word processing template for PRODUCER 100 and PERFORMER workstation	$ 10	N/A	N/A	PRODUCER 100
MEC7037-001D	Word processing template for PRODUCER 100 and PERFORMER (per dozen)	100	N/A	N/A	PRODUCER 100
MEC10010-1	OAS (REV 4.0) Template for PRODUCER 100 and PERFORMER	10	N/A	N/A	PRODUCER 100
MEC10010-1D	OAS (REV 4.0) Template for PRODUCER 100 and PERFORMER (per dozen)	100	N/A	N/A	PRODUCER 100
MEC7037-002	Multiplan template for PRODUCER 100 and PERFORMER	10	N/A	N/A	PRODUCER 100
MEC7037-002D	Multiplan template for PRODUCER 100 and PERFORMER (per dozen)	100	N/A	N/A	PRODUCER 100

PT200 TERMINAL

Product Number	Description	US List Price	Maintenance Pref	Basic	Def	Prerequisites/ Comments
Packages						
PT200P-US	Monitor with green phosphor, 110V, 60Hz US keyboard, US power cord	$995	$13	$10	$8	ICS2, ICS1 or AMLC line cable with male RS232 connector

NOTE: Keyboards for color, white or amber monitors must be ordered separately.

Monitors						
PT200M-G1	Monitor with green phosphor	866	13	10	8	PT200K-XX keyboard
PT200M-W1	Monitor with white phosphor	866	13	10	8	PT200K-XX keyboard
PT200M-Y1	Monitor with amber phosphor	866	13	10	8	PT200K-XX keyboard
PT200M-C1	Color monitor	1,566	25	20	18	PT200K-XX keyboard
Options						
PT200A-GM2	PT200 Graphics Option Plus, includes doc. & install instruct.	995	2	2	2	PT200 terminal
86614-P	PT200 Graphics Option Plus Device Driver	-0-	10*			GKS Rev 1.1, (86600-P/PS or 86601-P) and PT200 Graphics Option Plus
KIT10090-001	PT200 Graphics Option upgrade firmware kit	N/C	N/C	N/C	N/C	GKS software
KIT10199-001	PT200 Rev. E micro-code upgrade kit	60	Included in PT200 maintenance			PT200 terminal
Keyboards						
PT200K1-US	US keyboard, including US power cord and plug	129	N/C	N/C	N/C	PT200M-XX monitor

Note: Keyboards are available in 10 additional languages. Contact the Small Systems Product Group for more information.

*   Fee is for license update service only.

TERMINAL CABLES

Product Number	Description	US List Price	Avail. Code	Prerequisites/ Comments
CBL6124-001T	.25m (10 in) async cable. Has male 9-pin "D" connector for I/O panel & male 25-pin "D" connector for direct connection to extension cable or Prime terminal. One cable will support 1 device.	$20	A	FCC cabinetry, AMLC, ICS1, and all ICS2s
CBL6124-002T	5m (16 ft) async cable. Has male 9-pin "D" connector for I/O panel & male 25-pin "D" connector for direct connection to extension cable or Prime terminal. One cable will support 1 device	35	B	FCC cabinetry
CBL6124-003T	10m (32 ft) async cable. Has male 9-pin "D" connector for I/O panel & male 25-pin "D" connector for direct connection to extension cable or Prime terminal. One cable will support 1 device.	50	A	FCC cabinetry
CBL6109-001T	5m (16 ft) async cable. Provides 9-pin "D" connector for I/O panel, terminates in male 25-pin "D" connector. Used to connect to modems. 1 cable will support 1 device.	35	B	FCC cabinetry AMLC, ICS1, and all ICS2s
CBL6109-002T	10m (32 ft) async cable. Provides 9-pin "D" connector for I/O panel, terminates in male 25-pin "D" connector. Used to connect to modems. 1 cable will support 1 device.	50	A	FCC cabinetry

NOTE: The above cables (with "T" suffix) are stocked with the PT200. If ordered together, the terminal and cable will arrive at the customer site together. These cables are identical to cables without the "T" suffix.

TERMINAL CABLES (Continued)

Product Number	Description	US List Price	Avail. Code	Prerequisites/ Comments
CBL6109-003T	15m (50 ft) async cable. Provides 9-pin "D" connector for I/O panel, terminates in male 25-pin "D" connector. Used to connect to modems. 1 cable will support 1 device.	$ 75	A	FCC cabinetry
CBL1469-001T	9m (30 ft) async cable, normally used for connecting to modems (103, 113, 212). One cable has (4) 25-pin male EIA "D" connectors.	200	A	Non-FCC cabinet; AMLC & ICS1. Not for ICS2s.
CBL1470-901T	9m (30 ft) async cable, normally used for direct-connect devices. One cable has (4) 25-pin female EIA "D" connectors.	200	A	Non-FCC cabinet; AMLC & ICS1. Not for ICS2s.
CBL4219-901T	2m (6 ft) async cable. Has male 25-pin "D" connector at each end. One cable supports one device. Used for connecting terminal to female 25-pin "D" connector.	60	A	

NOTE: The above cables (with "T" suffix) are stocked with the PT200. If ordered together, the terminal and cable will arrive at the customer site together. These cables are identical to cables without the "T" suffix.

TERMINAL TEMPLATES

Product Number	Description		US List Price	Maintenance Pref.	Basic	Prerequisites/ Comments
PST100 Templates						
MEC7416-001	EMACS	(each)	$ 10	N/A	N/A	PST100
MEC7416-001D	EMACS	(dozen)	100	N/A	N/A	PST100
MEC8539-1	Office Automation (Rev 4.0)	(each)	10	N/A	N/A	PST100
MEC8539-1D	Office Automation (Rev 4.0)	(dozen)	100	N/A	N/A	PST100

TERMINAL TEMPLATES (Continued)

Product Number	Description		US List Price	Maintenance Pref.	Basic	Prerequisites/ Comments
PST100 Templates (Continued)						
MEC7818-I	PRIMEWAY BUSINESS ENVIRONMENT	(each)	$ 10	N/A	N/A	PST100
MEC7818-ID	PRIMEWAY BUSINESS ENVIRONMENT	(dozen)	100	N/A	N/A	PST100
MEC7820-I	PRIMEWAY FED/EDIT & VIEW	(each)	10	N/A	N/A	PST100
MEC7820-ID	PRIMEWAY FED/EDIT & VIEW	(dozen)	100	N/A	N/A	PST100
MEC7505-001	DPTX	(each)	10	N/A	N/A	PST100
MEC7505-001D	DPTX	(dozen)	100	N/A	N/A	PST100
MEC10259-1	Prime INFORMATION CONNECTION	(each)	10	N/A	N/A	PST100
MEC10259-1D	Prime INFORMATION CONNECTION	(dozen)	100	N/A	N/A	PST100
PT45 Templates						
IDR6135-001	EMACS	(each)	10	N/A	N/A	PT45
IDR6135-001D	EMACS	(dozen)	100	N/A	N/A	PT45
IDR11014-1RA	PT45 PRIMEWORD Reference Card		2	N/A	N/A	
IDR11017-1RA	PRIMEWORD Reference Card		4	N/A	N/A	
MEC8533-I	PRIMEWAY FED/EDIT & VIEW	(each)	10	N/A	N/A	PT45
MEC8533-ID	PRIMEWAY FED/EDIT & VIEW	(dozen)	100	N/A	N/A	PT45
MEC8535-I	PRIMEWAY BUSINESS ENVIRONMENT	(dozen)	10	N/A	N/A	PT45
MEC8535-ID	PRIMEWAY BUSINESS ENVIRONMENT	(dozen)	100	N/A	N/A	PT45

TERMINAL TEMPLATES (continued)

Product Number	Description	US List Price	Maintenance Pref.	Basic	Prerequisites/ Comments
PT45 Templates (cont.)					
MEC8537-1	Office Automation (each) (Rev 4.0)	10	N/A	N/A	PT45
MEC8537-1D	Office Automation (dozen) (Rev 4.0)	100	N/A	N/A	PT45
MEC10258-1	Prime INFORMATION CONNECTION (each)	10	N/A	N/A	PT45
MEC10258-1D	Prime INFORMATION CONNECTION (dozen)	100	N/A	N/A	PT45
PT200 Templates					
PT200T-SN	SNA (each)	10	N/A	N/A	PT200
PT200T-SND	SNA (dozen)	100	N/A	N/A	PT200
PT200T-OA	OAS: Template (each and Reference card	12	N/A	N/A	PT200
PT200T-OAD	OAS: Template (dozen) and Reference card	120	N/A	N/A	PT200
PT200T-EM	EMACS (each)	10	N/A	N/A	PT200
PT200T-EMD	EMACS (dozen)	100	N/A	N/A	PT200
PT200T-P1	PRIMEWAY EDIT & VIEW (each)	10	N/A	N/A	PT200
PT200T-P1D	PRIMEWAY EDIT & VIEW (dozen)	100	N/A	N/A	PT200
PT200T-P2	PRIMEWAY Business (each)	10	N/A	N/A	PT200
PT200T-P2D	PRIMEWAY Business (dozen)	100	N/A	N/A	PT200
PT200T-B1	Blank (L-shape) (each)	10	N/A	N/A	PT200
PT200T-B1D	Blank (L-shape) (dozen)	100	N/A	N/A	PT200
PT200T-B2	Blank (top row) (each)	10	N/A	N/A	PT200
PT200T-B2D	Blank (top row) (dozen)	100	N/A	N/A	PT200
PT200T-B3	Blank (left side function keys) (each)	10	N/A	N/A	PT200

TERMINAL TEMPLATES (continued)

Product Number	Description		US List Price	Maintenance Pref.	Basic	Prerequisites/ Comments
PT200 Templates						
PT200T-B3D	Blank (left side function keys)	(dozen)	$100	N/A	N/A	PT200
PT200T-DP	DPTX	(each)	·10	N/A	N/A	PT200
PT200T-DPD	DPTX	(dozen)	100	N/A	N/A	PT200
PT200T-CN	Prime INFORMATION CONNECTION	(each)	10	N/A	N/A	PT200
PT200T-CND	Prime INFORMATION CONNECTION	(dozen)	100	N/A	N/A	PT200
PT200T-WR	PT200 PRIMEWORD Template and Reference Card		12	N/A	N/A	
PT200T-WRD	1 doz. PT200 PRIMEWORD Templates and Reference Cards		120	N/A	N/A	
PST100T-WR	PST100 PRIMEWORD Template and Reference Card		12	N/A	N/A	
PST100T-WRD	1 Doz. PST100 PRIMEWORD Templates and Reference		120	N/A Cards	N/A	
PWS200T-WR	PERFORMER Workstation PRIMEWORD Template and Reference Cards		12	N/A	N/A	
PWS200T-WRD	1 Doz. PERFORMER Workstation PRIMEWORD Templates and		120	N/A	N/A	

August, 1987

SECTION 7

COMMUNICATIONS HARDWARE FOR 50 SERIES SYSTEMS AND THE PRIME EXL 316
SYSTEM; CABLES AND ACCESSORIES FOR ALL SYSTEMS

TABLE OF CONTENTS

FOR INTERNAL USE ONLY

SECTION 7

COMMUNICATIONS HARDWARE FOR 50 SERIES SYSTEMS AND THE PRIME EXL 316 SYSTEM.
CABLES AND ACCESSORIES FOR ALL SYSTEMS.

ORDERING COMMUNICATIONS HARDWARE

There are seven suffixes for communication controller Product Numbers. The
correct suffix ensures that the proper internal cabling and I/O bulkhead
connector are supplied with the controller. These suffixes are described
below, where XXXX depicts the base four digit Product Number.

The suffix appended to the model number describes the exact variation of the
base model to be shipped to the customer. Suffixes tailor the product to the
cabinet in which it will be installed. It is important to use the correct
suffix to ensure the product received is compatible with the entire system.
The following suffixes are applicable to products installed in 50 Series
cabinets.

CABINET RESIDENT PRODUCTS

The suffixes that comprise the set for products installed in 50 Series cabinets
are of the form XXXXN-A. XXXX designates the base model number, N is the
suffix.

Suffixes

There are seven suffixes in this set describing the cabinets housing the
communications subsystem. These suffixes, when appended to the base
product number, provide the proper internal cabling, mounting hardware and
I/O bulkhead connection with the product. More information on cabling is
provided later in this section.

1) XXXX

No suffix: Used when ordering communications subsystems for systems in
non-FCC compliant cabinets. Systems for which this Product Number applies
are limited to those shipped prior to July 12, 1983.

2) XXXXF

"F" suffix: Used when ordereing communications controllers for systems in
FCC-compliant cabinets which DO NOT support modular panels. It does not
apply to systems packaged in 30-inch cabinets. Systems shipped between
July 12, 1983 and January, 1985 do not support modular panels.

3) XXXXFP

"FP" suffix: Used when ordering communications subsystems that reside completely within 9XXX series system cabinets that are the second FCC-compliant version. This cabinet has modular bulkhead panels and became available on systems after January 1, 1985. It does not apply to new 53-inch 6XXX series cabinets or any of the 30-inch system cabinets e.g. 2250, 2755. It applies to subsystems, such as the ICS2/3 and ICS2 type CLACs, only when the card cage is mounted in a 765F peripheral cabinet.

4) XXXXL

"L" sufix: Used when ordering communications subsystems that reside in 30-inch systems or peripheral cabinets such as the 2655 system or 7653L peripheral cabinet. It does not apply to the 2250.

5) XXXX-2250

"-2250" suffix: Used when ordering communications subsystems for 2250 systems.

6) XXXXT

"T" suffix: Used when ordering communications subsystems that reside in tower cabinets, such as the 2350 or 2450.

7) XXXXS

"S" suffix: Used when ordering communications subsystems, such as the ICS3, where the controller resides in a 9XXX series system cabinet and the card cage resides in a 7564S peripheral cabinet. The 7564S began shipping AFTER April 28, 1986.

8) XXXXG

"G" suffixe: Used when ordering communications subsystems where the controller resides within a 6XXX series system cabinet and the card cage, if any, resides in a 7564S peripheral cabinet. The 7564S began shipping AFTER April 28, 1986.

NOTE: Throughout this section, products are listed with multiple Product Numbers to identify the destination system. When ordering, care must be taken to specify the correct product number (with suffix) whenever multiple Product Numbers are listed beside a single product description.

50 SERIES COMMUNICATIONS HARDWARE

When ordering asynchronous controllers, be sure cabinetry to specify the appropriate Product Number suffix, determined by the system for which the controller is being ordered. The applicable suffixes and their descriptions are provided on the previous page.

All communications controllers in this section are delivered without external cables. Separate cables must be ordered to connect devices to these controllers. Cables are described later in this section.

Asynchronous Multi-Line Controllers (AMLC)

Product Number	Description	US List Price	Maintenance Pref.	Basic	Prerequisites/ Comments
5154 5154F 5154FP 5154L 5154-2250 5154T 5154G	High performance AMLC for devices (modem or terminal) with V.24/RS-232C interfaces, 16 lines with limited data data set control	$4,500	$40	$32	
5174 5174F 5174L 5174FP 5174G 5174-2250	High performance AMLC for devices with 20 ma current loop interface, 16 lines	5,200	40	32	
5175 5175F 5175FP 5175L 5175-2250 5175G	High performance AMLC with 16 lines. 8 lines for modem or terminal devices with V.24/RS-232-C interfaces (limited data set control). 8 lines for devices with 20 ma current loop interfaces	5,200	40	32	

Intelligent Communications Subsystems (ICS)

ICS1

5181 5181F 5181FP 5181L 5181-2250 5181T 5181G	ICS/1 (ICS1) supports 8 async devices (modems or terminals) with V.24/RS-232-C interfaces and (1) synchronous V.24/ RS-232-C. Async lines have limited data set control.	$4,375	$ 41	$33	50 Series PRIMOS Rev 19.1 or later

Product Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments
ICS2 CLACs					
CLAC204 CLAC204F CLAC204FP CLAC204L CLAC204S CLAC204-2250	ICS2 Communications Line Adapter Card to add 4 async lines to an existing ICS2 subsystem. Provides line support for devices (modems or terminals) with V.24/RS-232-C interfaces (limited data set control).	$360	$ 8	$ 6	ICS2 or ICS3 Model 5725
CLAC502 CLAC502F CLAC502FP CLAC502L CLAC502S CLAC502-2250	ICS2 Communications Line Adapter Card to add 2 V.24/RS-232 sync lines to an ICS2 card cage, provides full data set control.	1,000	17	14	ICS2 or ICS3 Model 5725
CLAC522 CLAC522F CLAC522FP CLAC522L CLAC522S CLAC522-2250	ICS2 Communications Line Adapter Card to add 2 V.35/DDS sync lines to an ICS2 card cage. Supports line speeds up to 64,000 bps.	1,500	17	14	ICS2 or ICS3 Model 5725
CLAC808 CLAC808F CLAC808FP CLAC808L CLAC808S CLAC808-2250	ICS2 card cage Capacity Extender kit. Allows an ICS2 card cage to support 8 additional CLACs. 240V/ 50Hz version available (-A).	1,050	17	14	ICS2 or ICS3 Model 5725

Product Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments
ICS3 Models					
5725 5725L 5725FP 5725F	ICS3 subsystem for non-7564S peripheral cabinets. Includes one synchronous-capable controller, 16-slot card cage, and internal cables. At least one ICS2 CLAC of any type must be installed to make this package operational.	$7,500	$72	$58	PRIMOS Rev 20.1 and ICS2 CLAC
5730T	ICS3 Subsystem for systems packaged in tower cabinets, such as the 2450. Includes synchronous-capable controller, 8-slot ICS3 card cage, and internal cables. At least one ICS3 CLAC of **any type** must be installed to make this package operational.	4,500	62	50	PRIMOS Rev 20.1 and ICS3 CLAC, tower system cabinet.
5732G	ICS3 Subsystem exclusively used for 6000 Series systems: Includes 16 slot ICS3 card cage for mounting in system cabinets. At least one ICS3 CLAC of any type must be installed to make this package operational.	7,500	72	58	PRIMOS Rev 20.2.3
5735HL	ICS3 subsystem for 7730H peripheral cabinet; Includes one synchronous-capable controller, 16-slot card cage, internal cables. At least one ICS3 CLAC of any type must be installed to make this package operational.	7,500	72	58	PRIMOS Rev 20.1 and ICS3 CLAC 304, can be configured with 2550, 2655, 2755

Product Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments
ICS3 CLACs					
CLAC304	ICS3 Communications Line Adapter Card to add 4 async lines to an ICS3 card cage. Provides line support for devices (modems or terminals) with V.24/RS-232 interfaces with limited data set control.	$360	$6	$5	ICS3 Model 5730 through 5735
CLAC602	ICS3 Communications Line Adapter Card to add 2 V.24/RS-232 sync lines to an ICS3 card cage, provides full data set control.	1,000	7	6	ICS3 Models 5730 through 5735
CLAC622	ICS3 Communications Line Adapter Card to add 2 V.35/DDS sync lines to an ICS3 Model 5730 or 5735. Support line speeds up to 64,000 bps.	1,500	10	8	ICS3 Models 5730 through 5735

*IMPORTANT NOTE: Each ICS2 or ICS3 Model 5725 card cage supports up to 16 CLAC204s (total of 64 asynchronous lines). For every 8 CLAC204s, a CLAC808 is required; when the ninth CLAC is ordered, a capacity extender, CLAC808, must also be ordered.

When ordering synchronous controllers, be sure to append the appropriate suffix to the Product Number, as described on page 7-1.

All communications controllers in this section are delivered without external cables. Separate cables to connect devices to these controllers must be ordered. See ordering instructions under Cable, later in this section.

Product Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments
Multi-Line Data Link Controllers (MDLC)					
5602 5602F 5602L 5602-2250 5602T 5602G	MDLC, V.24/RS-232-C interface, 2 sync lines	$4,000	$50	$40	
5622 5622F 5622L 5622T 5622G	MDLC, V.35/DDS interface speeds up to 64,000bps, 2 sync lines	4,000	50	40	Not for use on 2250 systems.
5604 * 5604F 5604L 5604-2250 5604G	2 sync line V.24/RS-232-C expansion option for 5602 or 5622	1,000	10	8	5602 or 5622 on same order.
5624 * 5624F 5624L 5624G	2 sync line V.35/DDS expansion option for 5602 or 5622	1,000	10	8	5602 or 5622 on same order. Not for use on 2250.
5646 *	Bisync & HDLC protocol option	1,500	10	8	5602 or 5622 on same order
5650 *	Bisync, T$SLC, 200UT, 1004 7020, XBM protocol option	1,500	10	8	5602 or 5622 on same order
5651 *	HDLC & 200UT, 1004, 7020, XBM protocol option	1,500	10	8	5602 or 5622 on same order
5654 *	Bisync & GRTS protocol option	1,500	10	8	5602 or 5622 on same order

* These products must be factory installed. They must be ordered with (not subsequent to) a 5602 or 5622.

PRIMENET NODE CONTROLLERS

When ordering Primenet Node Controllers (PNC), be sure to append the proper
suffix to the Product Number, as described on page 7-1. This ensures that
the proper internal cable and junction box are supplied with the PNC.

Please note that cables must be ordered separately. Also, a license for
Primenet (8440 or 8450: -P or M) software is required for every system in
which a PNC is installed.

Product Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments
7042	PRIMENET Node	$5000	$39	$31	50 Series
7042F	Controller II- Allows one				system
7042L	CPU to connect to a RINGNET				and 8440 or
7042-2250	network.				8450 (PRIMENET
7042T					licenses,
7042G					order one per
					CPU)

August, 1987

LAN HOST CONTROLLERS 300 (LHC300)

When ordering LHC300s, be sure to append the proper suffix to the product
numbers, as described on page 7-1. This ensures that the proper internal cable
and mounting hardware are supplied with the LHC300.

Please note that each LHC300 requires a transceiver cable (CBL1062X-00X)
connected either to an LT300, LMT300, or equivalent.

Each LHC300 provides one connection to an IEEE 802.3/Ethernet local area
network, and can run PRIMENET, NTS, or WSI300 software.

Hardware Product Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments
84520 84520F 84520-2250 84520L 84520T 84520FP 84520G	LHC300, LAN Host Controller 300: Supports IEEE 802.3 Media, resides in 50 Series backplane (Includes bulkhead cable and mounting hardware)	$5,000	$37	$30	LT300, LMT300, or equivalent

LAN TERMINAL SERVER 300 (LTS300)

Please note that each LTS300 requires a transceiver cable (CBL1067X-00X)
connected either to an LT300, LMT300, or equivalent. Each of the 8 RS-232C
asynchronous ports on the LMT300 require a CBL4219-90X or equivalent.

Each LTS300 provides one connection to an IEEE 802.3/Ethernet local area
network, and can support up to 8 RS232C asynchronous connections.

Up to 4 LTS300s may be daisy chained together, providing connections for up to
32 asynchronous devices. The cable CBL10670-008 is required for each cascade.

Product Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments
84540-US	LTS300, LAN Terminal Server 300: Supports IEEE 802.3 media is a standalone unit; provides connections for up to 8 RS232-C devices (serial printers, terminals)	$3,300	$35	$28	LT300, LMT300,daisy chain, cable, or equivalent

IEEE 802.3 ETHERNET ACCESSORIES

These devices are all recommended for use with LAN300 and PRIME EXL 316 Ethernet node processor.

<u>LAN Transceivers/Media Attachment Units (LT300) and Multiport Transceivers</u>
<u>(LMT300) for the 50 Series and PRIME EXL 316</u>

Each host controller and terminal server require at least one LT300 transceiver or one port on a LMT300 multiport transceiver. On a single 50 Series system which has more than 3 LHC300 host controllers, an LMT300 is required. All Prime Ethernet based products are IEEE 802.3 compliant.

Product Number	Description	US List Price	Maintenance Pref	Maintenance Basic	Prereqs/ Comments
84560-Q	LT300, LAN Transceiver 300, IEEE 802.3 compliant, with SQE	$ 295	$ 5	$ 4	See Note
84560-NQ	LT300, LAN Transceiver 300, IEEE 802.3 compliant, without SQE	295	5	4	See Note
84565-US	LMT300, LAN Multiport Transceiver (Fan-out Unit) provides LAN connections for up to 8 IEEE 802.3-compliant devices	1,195	14	11	See Note

Note: 84560-NQ is required only for Repeaters or connection to non-IEEE 802.3-compliant devices such as devices not available from Prime. The -SQE suffix represents a requirement of IEEE 802.3 controllers for signal quality error test ("heartbeat" is the common term used). The LHC300 and LTS300 require 84560-Q. On 2250 systems, CPU upgrade UG2282-902 is required for LAN300 to be installed. When purchasing this upgrade, customers can trade in the old CPU board (credit number CR2282-901).

UNIX COMMUNICATIONS CONTROLLERS

Product Number	Description	US List Price	Maintenance Pref	Bas	CSSO	Prerequisites/ Comments
PRIME EXL 316 Controller						
84510-EXL-P	Controller board and software to provide TCP/IP over Ethernet capability	$3,000	25*	20*	16*	EXL316-XXX
MOD316	Modem with reverser cable for the EXL 316 system	595		**		EXL316-XXX
CBL10709-001	Modem cable for MOD316	35		N/A		MOD316
5811	Communications Controller board allowing 8 async RS232C lines	1,750	10	8	6	EXL316-XXX

** Maintenance for the modem is $6 per month. There is no on-site services; customers must ship defective modems to Prime for replacement.

* Software maintenance is not included but may be ordered separately. (Please see Section 8 of this Price Book for pricing on maintenance.)

CABLES

General

All internal cabling required to connect the controller/subsystem to the system's I/O bulkhead panel (FCC bulkhead) is provided with the controller on Product Numbers with the 'F','FP','T','L', 'S', 'G', or "-2250" suffix. Thus, every communications controller includes only those cables required to meet internal cabling requirements.

Additional cables will always be required in order to connect terminals, printers, modems, and other devices to a communications controller. When you order these external cables, the cabinetry of the system for which the cables are being ordered must be known.

Cables for all 2250 systems, and any 50 Series systems shipped after July 12, 1983, and ICS2s and ICS3s, regardless of cabinet style, must be ordered from Table 7-1.

For any system in an old (non-FCC compliant) cabinet, cables should be ordered from Table 7-2. An exception to this is that all cables for use with an ICS2 subsystem must be ordered from Table 7-1, regardless of cabinet style.

Certain cables are available used to aid in the conversion between different cable types. The available "converter" cables are described in Table 7-3.

Note: Maintenance is not available for cables.

FCC-Compliant Cables -- PRIMOS-based

TABLE 7-1

Product Number	Description
CBL353X	PNC Cable for RINGNET Installation
CBL6109-XXX	RS-232 Asynchronous Modem Cable (Note 1 & 2)
CBL6124-XXX	RS-232 Asynchronous Direct-Connect Cable (Note 2)
CBL6127-XXX	RS-232 Synchronous Universal Modem Cable (Notes 1 & 2)
CBL7515-001	20 ma Asynchronous Direct-Connect Cable
CBL8780-XXX	V.35 DDS Synchronous Modem Cable
CBL8466-XXX	RS-232 Synchronous Direct-Connect Cable

Non-FCC Compliant Cables -- PRIMOS-based

TABLE 7-2

CBL353X	PNC Cables for RINGNET Installation
CBL1457-001	20 ma Asynchronous Direct-Connect Cable
CBL1469-XXX	RS-232 Asynchronous Modem Cable (Notes 1 & 2)
CBL1470-XXX	RS-232 Asynchronous Direct-Connect Cable (Note 2)
CBL1471-001	RS-232 Synchronous 203/209 Modem Cable (Note 1)
CBL1472-XXX	RS-232 Synchronous 201/208 Modem Cable (Notes 1 & 2)
CBL2278-901	V.35 DDS Synchronous Modem Cable

Converter Cables -- PRIMOS-based

TABLE 7-3

CBL6366-XXX	Sex change adapters for CBL6124 (Notes 1 & 2)
CBL6596-903	Cable adapter for CBL6109/CBL1469 to CBL6124
CBL7508-001	I/O Panel Adapter for CBL1469 & CBL1470

TABLE 7-4

Cables -- PRIME EXL 316

CBL10709-001	Modem cable for PRIME EXL 316 modem
CBL10694-001	Cable for PRIME EXL 316 RS232C asynchronous peripheral devices

NOTE 1: It is important to be aware that modems supplied by AT&T (et al) in the United States will not be supported or serviced by AT&T if a cable longer than 15 meters (50 feet) is used to connect the modem to the system. Therefore, it is strongly recommended that longer cable lengths not be used unless the customer is made aware of the potential support problem, and/or modems other than AT&T's are used which will allow longer cable lengths.

NOTE 2: Cables listed above with an 'XXX' suffix are available in multiple lengths. Please refer to the following pages for complete Product Numbers for these cables.

Cables marked with an availability code of "A" will be shipped 30-60 days from receipt of order (FRO). Cables under availability code "B" may not always be in stock and may be shipped 61-90 days FRO. Whenever possible, only those cables with an availability code of "A" should be ordered.

Transceiver Cables

CBL10670-XXX and CBL10672-XXX - PVC jacket transceiver cables are generally used in office environments, or areas where cables are not exposed to heat or other environmental hazards. CBL10671-XXX and 10673-XXX transceiver cables are coated/jacketed with teflon which provides a fire rating which meets NEC codes. Some customer sites will require teflon coated cables in all cases regardless of environment.

Note there are right angle (R/A) connectors and straight connectors available on transceiver cables. R/A connectors are required for all 9XXX Series and non-FCC compliant 50 Series systems.

Product Number	Description	US List Price
Cables -- Transceiver Drop Cables (AUI Cables)		

NOTE: (S) = Straight, (R/A) = Right Angle

Product Number	Description	US List Price
CBL10670-002	5 meter PVC drop cable (S)	$85
CBL10670-003	10 meter PVC drop cable (S)	90
CBL10670-004	20 meter PVC drop cable (S)	130

Product Number	Description	US List Price
Cables -- Transceiver Drop Cables (AUI Cables) (Continued)		
CBL10670-006	40 meter PVC drop cable (S)	$200
CBL10670-008	.6 meter PVC LTS300 cascade cable (S)	80
CBL10671-002	5 meter teflon drop cable (S)	110
CBL10671-003	10 meter teflon drop cable (S)	175
CBL10671-004	20 meter teflon drop cable (S)	285
CBL10671-006	40 meter teflon drop cable (S)	575
CBL10672-002	5 meter PVC drop cable (R/A)	85
CBL10672-003	10 meter PVC drop cable (R/A)	90
CBL10672-004	20 meter PVC drop cable (R/A)	130
CBL10672-006	40 meter PVC drop cable (R/A)	200
CBL10673-002	5 meter teflon drop cable (R/A)	110
CBL10673-003	10 meter teflon drop cable (R/A)	175
CBL10673-004	20 meter teflon drop cable (R/A)	285
CBL10673-006	40 meter teflon drop cable (R/A)	575

CABLES (continued)

Product Number	Description	US List Price	Avail. Code	Prerequisites/ Comments
Cable Listing				
CBL10709-001	Modem cable for MOD316	$ 35	N/A	MOD316 and EXL 316 System
CBL10694-001	Async cable for porting peripherals to system, 12ft cord, 25 pin width with shielding to meet FCC and VDE standards			EXL 316 System and 5811 Communications Controller
CBL1457-001	9m (30 ft) asynchronous cable, normally used for 20 ma direct connect devices, 1 cable will connect up to (4) 20 ma devices	100	A	Non-FCC 50 series cabinet; AMLC 5174/75 only.
CBL1469-001	9m (30 ft) asynchronous cable, normally used for connecting to modems (103, 113, 212). One cable has (4) 25-pin male EIA "D" connectors	200	A	Non-FCC 50 series cabinet; AMLC & ICS1. Not for ICS2s. (See Note)
CBL1469-901	22.8m (75 ft) asynchronous cable, normally used for connecting to modems (103, 113, 212). One cable has (4) 25-pin male EIA "D" connectors	245	B	Non-FCC 50 series cabinet.
CBL1469-902	61m (200 ft) asynchronous cable, normally used for connecting to modems (103, 113, 212). One cable has (4) 25-pin male EIA "D" connectors	370	B	Non-FCC 50 series cabinet.
CBL1470-901	9m (30 ft) asynchronous cable, normally used for direct-connect devices. One cable has (4) 25-pin female EIA "D" connectors	200	B	Non-FCC 50 series cabinet. AMLC & ICS1. Not for ICS1. (See Note)

NOTE: To order this cable for a PT200, append the suffix "-T" to the product #.

CABLES (continued)

Product Number	Description	US List Price	Avail. Code	Prerequisites/ Comments
CBL1470-902	15.2m (50 ft) asynchronous cable, normally used for direct-connect devices. One cable has (4) 25-pin female EIA "D" connectors	220	B	Non-FCC 50 series cabinet.
CBL1470-903	22.8m (75 ft) asynchronous cable, normally used for direct-connect devices. One cable has (4) 25-pin female EIA "D" connectors	245	B	Non-FCC 50 series cabinet.
CBL1470-904	30.4m (100 ft) asynchronous cable, normally used for direct-connect devices. One cable has (4) 25-pin female EIA "D" connectors	270	B	Non-FCC 50 series cabinet.
CBL1470-908	45.7m (150 ft) asynchronous cable, normally used for direct-connect devices. One cable has (4) 25-pin female EIA "D" connectors	320	B	Non-FCC 50 series cabinet.
CBL1470-909	91m (300 ft) asynchronous cable, normally used for direct-connect devices. One cable has (4) 25-pin female EIA "D" connectors.	470	B	Non-FCC 50 series cabinet.
CBL1471-001	9.7m (30 ft) synchronous direct connect cable for connecting to 203 or 209 type modems, or to 2K-9.6K DDS interfaces. One cable supports 2 links via 25-pin RS-232-C "D" connectors.	150	B	Non-FCC 50 series cabinet; MDLC 5602/04 and ICS1 5181.
CBL1472-901	9.7m (30 ft) synchronous direct connect cable for connecting to 201 or 208 type modems, or to 2K-9.6K DDS interfaces. One cable supports 2 links via 25-pin RS-232-C "D" connectors.	150	A	Non-FCC 50 series cabinet; MDLC 5602/04 and ICS1 5181.

CABLES (continued)

Product Number	Description	US List Price	Avail. Code	Prerequisites/ Comments
CBL1472-902	23m (75 ft) synchronous direct connect cable for connecting to 201 or 208 type modems, or to 2K - 9.6K DDS interfaces. One cable supports 2 links via 25-pin RS-232-C "D" connectors	$150	A	Non-FCC cabinet
CBL2278-901	3.8m (12 ft) synchronous cable for 56K BPS DDS interfaces. One cable supports 2 DDS links via CCITT V.35 connectors	250	A	Non-FCC cabinet; MDLC 5622/24 Only.
CBL3532	3.2m (10 ft) PNC biaxial coaxial cable	130	A	PNC
CBL3533	15m (50 ft) PNC biaxial coaxial cable	250	A	PNC
CBL3534	65m (200 ft) PNC biaxial coaxial cable	700	A	PNC
CBL3535	166m (500 ft) PNC biaxial coaxial cable	1,600	A	PNC
CBL4219-901	2m (6 ft) async cable. Has male 25-pin "D" connector at each end. One cable supports one device. Used for connecting terminal to female 25-pin "D" connector.	60	A	
CBL4219-901T	1.9 meters (6ft) male to male RS232 cable	60		
CBL4219-902T	7.5 meters (25ft) male to male RS232 cable	70		
CBL4219-903T	.25 meter (.8ft) male to male RS232 cable	50		
CBL4219-904T	15 meter (50ft) male to male RS232 cable	80		
CBL4219-905T	30 meter (100ft) male to male RS232 cable	120		
CBL4219-906T	50 meter (165ft) male to male RS232 cable	135		

CABLES (continued)

Product Number	Description	US List Price	Avail. Code	Prerequisites/ Comments
CBL6109-001	5m (16 ft) async cable. Provides 9-pin "D" connector for I/O panel, terminates in male 25-pin "D" connector. Used to connect to modems and PBX data ports. One cable will support 1 device.	$35	B	FCC cabinet AMLC, ICS1, and all ICS2s and ICS3s (See Note)
CBL6109-002	10m (32 ft) async cable. Provides 9-pin "D" connector for I/O panel, terminates in male 25-pin "D" connector. Used to connect to modems and PBX data ports. One cable will support 1 device.	50	A	FCC cabinet (See Note)
CBL6109-003	15m (50 ft) async cable. Provides 9-pin "D" connector for I/O panel, terminates in male 25-pin "D" connector. Used to connect to modems and PBX data ports. One cable will support 1 device.	75	A	FCC cabinet (See Note)
CBL6109-004	25m (82 ft) async cable. Provides 9-pin "D" connector for I/O panel, terminates in male 25-pin "D" connector. Used to connect to modems and PBX data ports. One cable will support 1 device.	95	A	FCC cabinet
CBL6109-005	35m (115 ft) async cable. Provides 9-pin "D" connector for I/O panel, terminates in male 25-pin "D" connector. Used to connect to modems and PBX data ports. One cable will support 1 device.	125	B	FCC cabinet

NOTE: To order this cable for a PT200, append the suffix "T" to the product number.

CABLES (continued)

Product Number	Description	US List Price	Avail. Code	Prerequisites/ Comments
CBL6124-001 *	.25m (10 in) async cable. Has male 9-pin "D" connector for I/O panel & male 25-pin "D" connector for direct connection to extension cable or Prime terminal. One cable will support 1 device.	20	A	FCC cabinet AMLC, ICS1, all ICS2s and ICS3s (See Note)
CBL6124-002*	5m (16 ft) async cable. Has male 9-pin "D" connector for I/O panel & male 25-pin "D" connector for direct connection to extension cable or Prime terminal. One cable will support 1 device.	$ 35	B	FCC cabinet (See Note)
CBL6124-003*	10m (32 ft) async cable. Has male 9-pin "D" connector for I/O panel & male 25-pin "D" connector for direct connection to extension cable or Prime terminal. One cable will support 1 device.	50	A	FCC cabinet (See Note)
CBL6124-004*	15m (50 ft) async cable. Has male 9-pin "D" connector for I/O panel & male 25-pin "D" connector for direct connection to extension cable or Prime terminal. One cable will support 1 device.	65	A	FCC cabinet (See Note)
CBL6124-005*	25m (82 ft) async cable. Has male 9-pin "D" connector for I/O panel & male 25-pin "D" connector for direct connection to extension cable or Prime terminal. One cable will support 1 device.	95	A	FCC cabinet

* NOTE: To order this cable for a PT200, append the suffix "T" to the product number.

CABLES (continued)

Product Number	Description	US List Price	Avail. Code	Prerequisites/ Comments
CBL6124-006*	35m (115 ft) async cable. Has male 9-pin "D" connector for I/O panel & male 25-pin "D" connector for direct connection to extension cable or Prime terminal. One cable will support 1 device.	125	B	FCC cabinet
CBL6124-007*	50m (164 ft) async cable. Has male 9-pin "D" connector for I/O panel & male 25-pin "D" connector for direct connection to extension cable or Prime terminal. One cable will support 1 device.	$140	A	FCC cabinet
CBL6124-008*	75m (246 ft) async cable. Has male 9-pin "D" connector for I/O panel & male 25-pin "D" connector for direct connection to extension cable or Prime terminal. One cable will support 1 device.	185	B	FCC cabinet
CBL6124-009*	100m (329 ft) async cable. Has male 9-pin "D" connector for I/O panel & male 25-pin "D" connector for direct connection to extension cable or Prime terminal. One cable will support 1 device.	230	A	FCC cabinet
CBL6124-010*	150m (492 ft) async cable. Has male 9-pin "D" connector for I/O panel & male 25-pin "D" connector for direct connection to extension cable or Prime terminal. One cable will support 1 device.	320	B	FCC cabinet
CBL6124-011*	200m (656 ft) async cable. Has male 9-pin "D" connector for I/O panel & male 25-pin "D" connector for direct connection to extension cable or Prime terminal. One cable will support 1 device.	410	B	FCC cabinet

* NOTE: To order this cable for a PT200, append the suffix "T" to the product number.

CABLES (continued)

Product Number	Description	US List Price	Avail. Code	Prerequisites/ Comments
CBL6127-001	5m (16 ft) universal sync. cable for direct connect to 201, 203, 208, and 209 type modems, 2K - 9.6K DDS interfaces or PBX sync data ports. One cable supports 1 link between I/O panel and sync device via 25-pin male RS-232-C "D" connector.	$55	B	FCC cabinet; MDLC 5602/04 ICS1 5181, or ICS3 5725, 5730, and 5735
CBL6127-002	10m (32 ft) universal sync. cable for direct connect to 201, 203, 208, and 209 type modems, 2K - 9.6K DDS interfaces. One cable supports 1 link between I/O panel and sync device via 25-pin male RS-232-C "D" connector.	75	B	FCC cabinet
CBL6127-003	15m (50 ft) universal sync. cable for direct connect to 201, 203, 208, and 209 type modems, 2K - 9.6K DDS interfaces. One cable supports 1 link between I/O panel and sync device via 25-pin male RS-232-C "D" connector.	85	A	FCC cabinet
CBL6127-004	25m (82 ft) universal sync. cable for direct connect to 201, 203, 208, and 209 type modems, 2K - 9.6K DDS interfaces. One cable supports 1 link between I/O panel and sync device via 25-pin male RS-232-C "D" connector.	115	B	FCC cabinet
CBL6127-005	35m (115 ft) universal sync. cable for direct connect to 201, 203, 208, and 209 type modems, 2K - 9.6K DDS interfaces. One cable supports 1 link between I/O panel and sync device via 25-pin male RS-232-C "D" connector	145	B	FCC cabinet

CABLES (continued)

Product Number	Description	US List Price	Avail. Code	Prerequisites/ Comments
CBL6366-001	25cm (10 in) 25-pin CBL6124 male to female conversion cable. Female connector has standard 4-40 screws to accept male cable with standoffs.	28	A	
CBL6366-002	25cm (10 in) 25-pin CBL6124 male to female conversion cable. Female connector has 3mm screws.	28	A	
CBL6366-003	25cm (10 in) 25-pin CBL6124 male to female conversion cable. Female connector has standard 4-40 standoffs to accept male cable with screws.	28	A	
CBL6596-903	10m (32 ft) CBL1469 or CBL6109 to CBL6124 adapter.	55	A	
CBL7508-001	3m (10 ft) 44-pin edge connector to (4) 9-pin "D" connector converter cable. Allows the connection of existing CBL1469 & CBL1470 cables to systems with I/O convenience panels.	300	B	
CBL7515-001	10m (32 ft) async cable for use with 20 ma current loop devices. One end has 9-pin "D" connector for I/O panel; the other end has 5 lugs for direct connection to one 20 ma device.	30	A	

CABLES (continued)

Product Number	Description	US List Price	Avail. Code	Prerequisites/ Comments
CBL8466-001	5m (15 ft) sync cable for connecting RS232 sync LAC port directly to another host's sync RS232-C port. One cable supports one line between Prime I/O panel and other host via 25-pin male RS232-C "D" connector.	$ 60		ICS3; CLAC502 or CLAC 602
CBL8466-002	15m (50 ft) sync cable for connecting RS232 sync LAC port directly to another host's sync RS232-C port. One cable supports one line between Prime I/O panel and other host via 25-pin male RS232-C "D" connector.	90		ICS3; CLAC502 or CLAC602
CBL8466-003	35m (115 ft) sync cable for connecting RS232 sync LAC port directly to another host's sync RS232-C port. One cable supports one line between Prime I/O panel and other host via 25-pin male RS232-C "D" connector.	155		ICS3; CLAC502 or CLAC602
CBL8780-001	5m (16 ft) sync cable for connecting a V.35/DDS sync CLAC port to DDS DSU/CSU One cable supports one one line between Prime I/O panel and the DSU/CSU via 25-pin male "D" connector for the Prime I/O panel and a 34-pin DDS connector at the DDS DSU/CSU	125		FCC cabinet; V.35 MDLC, CLAC522 or CLAC622

CABLES (continued)

Product Number	Description	US List Price	Avail. Code	Prerequisites/ Comments
CBL8780-002	15m (50 ft) sync cable for connecting V.35/DDS sync CLAC port to DDS DSU/CSU One cable supports one line between Prime I/O panel and the DSU/CSU via 25-pin male "D" connector for the Prime I/O panel and a 34-pin DDS connector at the DDS DSU/CSU.	$155		FCC cabinetry; CLAC522
CBL8780-003	35m (115 ft) sync cable for connecting V.35/DDS sync CLAC port to DDS DSU/CSU One cable supports one line between Prime I/O panel and the DSU/CSU via 25-pin male "D" connector for the Prime I/O panel and a 34-pin DDS connector at the DDS DSU/CSU.	185		FCC cabinetry; CLAC522
KIT7593-901	Kit, expansion rack mounted disk daisy-chain cable	450	A	First expansion rack mounted disk in a computer room peripheral cabinet
KIT10001-001	Kit, expansion rack mounted disk daisy-chain cable	450	A	First expansion rack mounted disk in an office periph. cabinet
KIT10099-001	Internal cable kit for ICS1 with 2450	605		N/A
KIT10100-001	Internal cable kit with new junction box for PNC with 2450	555		N/A
KIT10097-001	Internal cable kit for 1/2" streamer tape controller for 2450.	355		N/A
KIT10160-002	LHC300 cable kit for upgrading to a 6350 or 6550 system. Includes bulkhead cable and mounting hardware.	100		N/A
KIT10103-001	Internal cable kit for MDLC with 2450	195		N/A

OTHER CONTROLLERS

Product Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments
System Option Controllers (SOC)					
3006	PRTC, ALC, PTR/P Contr	$2,000	$20	$16	P300 or later
3007	PRTC, ALC, BPIOC	2,000	20	16	P300 or later
3009	PRTC, ALC, P/P Contr	4,000	35	28	P300 or later
3023	WDT Option	300	10	8	3006 or 3007
3025	Second BPIOC (For 3007)	500	10	8	3007
CBL1419-001	7.6m (25 ft) cable/GP	200	N/A	N/A	
CBL1430-001	7.6m (25 ft) cable/20 ma	25	N/A	N/A	
CBL1449-002	9.1m (30 ft) cable, OPTA/SOC 4EIA	200	N/A	N/A	
CBL1453-001	4.5m (15 ft) cable/clocks and 20 ma	100	N/A	N/A	
CBL2320-901	Cbl, VER SOC Print/Plot	400	N/A	N/A	

OTHER CONTROLLERS (continued)

Product Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments

General Purpose Interface Board (GPIB) (Cables not included with controller)

NOTE: There is presently no software support under PRIMOS for these products.
        Contact the Special Products Group.

Product Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments
7000	GPIB (Basic)	$2,000	N/A	N/A	Prime CPU *
7010	GPIB (Expanded)	2,300	N/A	N/A	Prime CPU *
9502	Ext mtg assy (incl cable)	600	N/A	N/A	
9503	Second cable for ext mtg	300	N/A	N/A	9502 *

* NOT FOR USE WITH 2250 SYSTEM.

Data Acquisition and Control (DAC)

Digital Input System (DIS) — There is presently no software support under
                               PRIMOS for these products. Contact the Special
                               Products Group.

Product Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments
6020	DIS/64 photo-isolated INP 1 CNTR	$2,000	$24	$19	Prime CPU
6021	DIS/64 TTL inputs 1 CNTR	2,000	24	19	Prime CPU
6022	Sig-cond/photo-isolated V	900	10	8	6021
6023	Sig-cond/photo-isolated V	900	10	8	6021
6029	Second counter	500	10	8	6020 or 6021
6101	Screw terminals	300	12	10	6000, 6005, 6020, 6021, 6040, 6041, or 6060

Analog Input System (AIS) — There is presently no software support under
                              PRIMOS for these products. Contact the Special
                              Products Group.

Product Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments
6000	AIS/16 channels	$4,500	$42	$34	Prime CPU
6001	Additional 16 channels	500	10	8	6000
6005	HS AIS	7,000	78	62	Prime CPU
6013	Sig-cond/current to volt	900	10	8	6000 or 6005

OTHER CONTROLLERS (continued)

Product Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments

Data Acquisition and Control (DAC) (Continued)

__Digital Output System__ (DOS) — There is presently no software support under PRIMOS for these products. Contact the Special Products Group.

Product Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments
6040	DOS/64 Photo-isolated OTP 1 CNTR	$ 2,000	$ 24	$ 19	Prime CPU
6041	DOS/64 TTL outputs 1 CNTR	$ 2,000	$ 24	$ 19	Prime CPU
6042	Sig-cond/photo-isolated V	$ 900	$ 10	$ 8	6041
6043	Sig-cond/photo-isolated V	$ 900	$ 12	$ 10	6040 or 6041
6049	Second counter	$ 500	$ 10	$ 8	6040 or 6041

__Analog Output System__ (AOS) — There is presently no software support under PRIMOS for these products. Contact the Special Products Group.

Product Number	Description	US List Price	Maintenance Pref	Basic	Prerequisites/ Comments
6060	AOS/2 channels (DAC)	$ 1,600	$ 18	$ 14	Prime CPU
6061	Additional 2 channels (up to 3)	$ 900	$ 12	$ 10	6060

SECTION 8

SOFTWARE
TABLE OF CONTENTS

SECTION 8 (Continued)

SOFTWARE

GENERAL

This section provides U.S. List Prices for all Prime software products.
A Prime software product license is required for each product prior to shipment.

In this section, software packages, upgrades, and discounts fall under one of the following categories:

1. Commensurate/Subsequent software -- Paid-up License Plan
2. Office Environment System/Computer Room System -- Paid-up License Plan

Paid-up License Plan

Upon pre-payment of the license fee, the Paid-Up License Plan grants a license to one end-user for use of a particular software product on a single designated CPU without restriction as to time. Additional software fees may include maintenance fees.

ORDER INFORMATION

Software is shipped on media specific tape (specified by the media code on the sales order) at the density specified.

Order Information for Software Revisions

1. Where specific instructions are provided to the Prime Reseller Administrator, the instructions will be added as Note Lines in the sales order, (e.g., PRIMOS Rev 20.1, Prime INFORMATION Rev 6.1) and software will be shipped in accordance with the instructions.

2. Another alternative is to specify only the revision of PRIMOS (to be shipped in the case of a system order) running on the designated CPU. Software Distribution will then ship all other software appearing on the sales order at the highest current revision compatible with the specified PRIMOS Revision.

3. If no software revision data is provided in the sales order Note Lines, the highest current revision of PRIMOS and/or other software ordered will be shipped.

MAINTENANCE

Maintenance pricing is not affected by either the subsequent license purchase plan. Maintenance pricing will be charged for each software license. Purchasers of multiple subsequent licenses may wish to consider the Customer Service Central Site Maintenance Plan.

MAINTENANCE FEES NOTES

The following notes are referred to throughout this Section 8 to clarify the monthly maintenance charges listed in this section.

(1) PRIMOS maintenance is included in the maintenance fees for most central systems. Selected CPU systems may carry a separate charge for PRIMOS support.

(2) Monthly fee is for License Update Service only.

(3) Maintenance of each of the packaged components will be charged individually. Duplicate maintenance charges will not be made.

(4) Maintenance fee is for PC License Update Service. Domestic phone support is available through Prime's Single Source PC Support at an additional charge.

(5) Provides telephone support, software updates and documentation updates. No on-site support.

1. COMMENSURATE SOFTWARE LICENSING

Commensurate software licenses (software licenses tiered to correspond with the platform on which the software is licensed) have been established for selected software model numbers. Refer to PPA 483, dated April 14, 1987 for details of the announcement.

Subsequent license model numbers have been established for commensurately priced software through the use of unique model number suffixes, thereby replacing the S & Q matrix (software category and discount schedule) for those products. Subsequent licenses are software licenses for additional copies of software once the initial package has been licensed by the customer and installed on the system. The purchase of a subsequent license will provide the customer with a copy of the software provided under the initial license. Subsequent licenses are available to order through the use of unique model number suffixes denoting the system on which the software will run.

Commensurately priced software is designated by the use of the following suffixes:

Initial License, Tier or Commensurate Level

XXXX-P1	2350/2450/2455 Systems
XXXX-P2	2250/2550/2655/2755 Systems
XXXX-P4	9XXX, Three Digit Computer Room Systems
XXXX-P5	6350 Systems
XXXX-P6	6550 Systems

Subsequent Licenses, Tier or Commensurate Level

XXXX-P1S	2350/2450/2455 Systems
XXXX-P2S	2250/2550/2655/2755 Systems
XXXX-P4S	9XXX, Three Digit Computer Room Systems
XXXX-P5S	6350 Systems
XXXX-P6S	6550 Systems

Credit, Tier or Commensurate Level

CRXXXX-P1	2350/2450/2455 Systems
CRXXXX-P2	2250/2550/2655/2755 Systems
CRXXXX-P4	9XXX, Three Digit Computer Room Systems
CRXXXX-P5	6350 Systems

1. COMMENSURATE SOFTWARE LICENSING (Continued)

Subsequent/Commensurate Software License Fees for Upgrades

Hardware upgrades between tiers must be accompanied by the appropriate software upgrade. Software upgrades between tiers are administered by a two step method consisting of:

1. Booking a software order for a SUBSEQUENT license at the appropriate upgrade tier at which the new license will be booked. If a subsequent license is unavailable, the upgrade software license should be purchased at the initial license fee. NOTE: In this instance only, the app opriate Reseller CPU/UG discount shall be applied to the subsequent license price.

2. Issuing a credit for the customer's software package. (Credit model numbers are designated by the use of the "CR" prefix). The tier of the credit should correspond to the tier of the original processor for which it was licensed. NOTE: The credit should be reduced by the same discount percentage applied in Step #1 above.

Both initial and subsequent licenses receive the same credit upon trade-in and use the same credit model number.

In no instance shall the credit exceed the subsequent license fee for the upgrade issued.

The upgrade instructions above apply only to those software products with tiered license fees.

Discounts

Commensurately priced software products are ineligible for quantity discounts. Reseller discounts for commensurate software (initial and subsequent licenses) shall be as prescribed by Schedule 2 to the Authorized Reseller Agreement between Prime and Reseller.

Ordering Information for Subsequent Licenses

For subsequent licenses booked separately from the initial license, Resellers must reference the original purchase order on which the initial license was purchased.

When multiple licenses are sold simultaneously for different tiers, the initial license should be booked at the highest tier.

2. OFFICE ENVIRONMENT/COMPUTER ROOM SYSTEM SOFTWARE LICENSING

Suffixes used within this section are:

P	Paid-up License - All Tiers
UP, PU	Paid-up License - Upgrade
PS	Paid up License - Subsequent
PA,PL	Paid-up License - Office Environment System *
PB,PF	Paid-up License - Computer Room System *
UPB	Paid-up License - Upgrade to Computer Room System

* Office Environment Systems include the 2XXX series of systems. Computer Room Systems include the 9XXX and 6XXX series of systems as well as all three-digit models (e.g., 450, 750, etc.).

Upgrades

Software upgrades from Office Environment Systems to Computer Room Systems are administered through the use of designated upgrade model numbers.

Discounts

Reseller discounts for subsequent licenses shall be as prescribed by Schedule 2 to the Authorized Reseller Agreement betweem Prime and its Resellers.

Eligibility for the subsequent license discount requires the purchase of an initial license.

Discount Application

Sales proposed or made within the auspices of this program must conform with the terms, conditions, prices and discounts, as stated here. No additional discounting is allowed. Only one discount structure may be applied. Resellers may not combine Reseller discounts with other subsequent discounts; Resellers must choose between any eligible Reseller or subsequent license discounts. Subsequent discounts cannot be added to, or combined with, the discounts allowed under any other Marketing program.

OPERATING SYSTEMS

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.
PRIMOS							
8503-XX	PRIMOS* & Utilities Execute-only	$15,000	$15,000	$15,000	$50,000	$70,000	N/A (See Note 1 on p. 8-2)
	Prerequisite: 50 Series Processor or P350/P400/P500						

* PRIMOS includes only the operating system. PRIMOS (8503-XX) is included in all central systems purchases. Order 8503-XX only when the system was purchased from a third party or if not under maintenance. Refer to specific system packages for Source Code packaging information.

MONTHLY MAINTENANCE

Description	2455	6350	6550	Prerequisites
On-site software support for PRIMOS	$650	$930	$990	Preferred Service Agreement
Phone software support for PRIMOS	325	525	567	

NOTE: Please refer to Section 10 for annual fees for PRIMOS License Update Service

OPERATING SYSTEMS (Continued)

Product Number	Description	Product Category	US List Price	Month. Maint.	Prerequisites/ Comments
PRIMOS (Continued)					
8503A-P	PRIMOS Source Code	B	$5,000	$45 (See Note 2 on p. 8-2)	8503-P
8503B-P	PRIMOS Utilities Source Code	B	5,000	45 (See Note 2 on p. 8-2)	8503-P
85900-P	BRMS Source Code	B	2,500	15 (See Note 2 on p. 8-2)	

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.
DoD Security Package							
850400-XX	DoD Security Package (Level C2)	$2,000	$4,000	$6,000	$8,500	$12,000	$80
850400-XXS	DoD Security Package (Level C2), Subsequent License	1,000	2,000	3,000	4,250	6,000	80
CR850400-XX	Credit for 850400-XX 850400-XXS	1,000	2,000	3,000	4,250	N/A	N/A

August, 1987

TRANSLATORS AND ENVIRONMENTS

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.
BASIC/VM							
8520-XX	BASIC/VM Compiler	$ 1,500	$ 3,000	$ 5,000	$10,000	$15,000	$60
	Prerequisite: PRIMOS						
8520-XXS	Same as 8520-XX for Subsequent Licenses	1,200	2,400	4,000	8,000	12,000	60
	Prerequisite: PRIMOS and 8520-XX						
CR8520-XX	Upgrade Credit 8520-XX and 8520-XXS	1,200	2,400	4,000	8,000	N/A	N/A
CBL, Cobol-74							
8541-XX	CBL, Cobol-74 Compiler (ANSI X3.23-1974, Low-Intermediate	3,500	4,500	10,000	19,000	26,000	65
	Prerequisite: PRIMOS						
8541-XXS	Same as 8541-XX for Subsequent Licenses	2,800	3,600	8,000	15,200	20,800	65
	Prerequisite: PRIMOS and 8541-XX						
CR8541-XX	Upgrade for 8541-XX 8541-XXS	2,800	3,600	8,000	15,200	N/A	N/A

TRANSLATORS AND ENVIRONMENTS (Continued)

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.
C Compiler							
8549-XX	C Compiler	$2,500	$4,000	$7,500	$15,000	$21,000	$65
	Prerequisite: PRIMOS Rev 19.1 or later						
8549-XXS	Same as 8549-XX for Subsequent Licenses	2,000	3,200	6,000	12,000	16,800	65
	Prerequisite: PRIMOS Rev 19.1 or later and 8549-XX						
CR8549-XX	Upgrade for 8549-XX and 8549-XXS	2,000	3,200	6,000	12,000	N/A	N/A
EMACS							
8535-XX	Prime EMACS Programmable Screen Editor	2,000	3,200	6,000	12,000	15,000	45
	Prerequisite: PRIMOS						
8535-XXS	Same as 8535-XX for Subsequent Licenses	1,600	2,560	4,800	9,600	12,000	45
	Prerequsite: PRIMOS and 8535-XX						
CR8535-XX	Upgrade for 8535-XX and 8535-XXS	1,600	2,560	4,800	9,600	N/A	N/A

TRANSLATORS AND ENVIRONMENTS (Continued)

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.
FORTRAN							
8510-XX	FORTRAN-77 Compiler (ANSI X3.9 -1978)	$3,000	$4,250	$9,000	$15,000	$21,000	$65
	Prerequisite: PRIMOS						
8510-XXS	Same as 8510-XX for Subsequent Licenses	2,400	3,400	7,200	12,000	16,800	65
	Prerequisite: PRIMOS and 8510-XX						
CR8510-XX	Upgrade for 8510-XX and 8510-XXS	2,400	3,400	7,200	12,000	N/A	N/A
PASCAL							
8522-XX	Pascal Compiler (ANSI/IEEE 770x3.97 -1983)	2,500	4,250	9,000	15,000	21,000	65
	Prerequisite: PRIMOS						
8522-XXS	Same as 8522-XX for Subsequent Licenses	2,000	3,400	7,200	12,000	16,800	65
	Prerequisite: PRIMOS and 8522-XX						
CR8522-XX	Trade-in credit for 8522-XX and 8522-XXS	2,000	3,400	7,200	12,000	N/A	N/A

TRANSLATORS AND ENVIRONMENTS (Continued)

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.

PL/I

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.
8531-XX	PL/I Compiler Prerequisite: PRIMOS Rev. 19.4 or later	$3,000	$4,000	$7,500	$15,000	$25,000	$65
8531-XXS	Same as 8531-XX for Subsequent Licenses Prerequisite: PRIMOS Rev 19.4 or later and 8531-XX	2,400	3,200	6,000	12,000	20,000	65
CR8531-XX	Upgrade credit for 8531-XX and 8531-XXS	2,400	3,200	6,000	12,000	N/A	N/A
8530-XX	PL/I Subset G Compiler Prerequisite: PRIMOS	7,500	7,500	7,500	15,000	25,000	65
8530-XXS	Same as 8530-XX for Subsequent Licenses Prerequisite: PRIMOS and 8530-XX	6,000	6,000	6,000	12,000	20,000	65
CR8530-XX	Upgrade credit for 8530-XX and 8530-XXS	6,000	6,000	6,000	12,000	N/A	N/A

TRANSLATORS AND ENVIRONMENTS (Continued)

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.

PRIME Common LISP AND EMACS

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.
8281-XX	PRIME Common LISP and EMACS software package Prerequisite: PRIMOS Rev 20.0 or later Comment: Not avail. for the 2250 or 3 digit machines	$6,800	$10,500	$16,000	$28,500	$38,000	(See Note 3 on page 8-2)
8281-XXS	Subsequent License for 8281-XX Prerequisite: PRIMOS Rev 20.0 or later and 8281-XX Comment: Not avail. for the 2250 or 3-digit machine	5,440	8,400	12,800	22,800	30,400	(See Note 3 on page 8-2)
CR8281-XX	Upgrade credit for 8281-XX and 8281-XXS Prerequisite; PRIMOS Rev 20.0 or later and 8536-XX Comment: Not avail. for the 2250 or 3 digit systems	5,440	8,400	12,800	22,800	N/A	N/A

TRANSLATORS AND ENVIRONMENTS (Continued)

Product Number	Description	Prod Cate	US List Price	Month. Maint.	Prereq/ Comments

PRIME Common LISP Runtime Systems

Product Number	Description	Prod Cate	US List Price	Month. Maint.	Prereq/ Comments
85361-P	PRIME Common LISP Run-time system	B	$4,000	$50	Not avail. for 2250
85361-PS	PRIME Common LISP Run-time system Subsequent License	B	3,200	50	85361-P, not avail for 2250

Credits for Runtime systems ***

Product Number	Description	Prod Cate	US List Price	Month. Maint.	Prereq/ Comments
CR85361-P	Credit for LISP Run-time system	B	4,000	N/A	8536-XX, 8281-XX
CR85361-PS	Credit for LISP Run-time system - Subsequent License	B	3,200	N/A	8536-XXS, 8281-XXS

*** Credits CR85361-P/PS are used when upgrading a system to a development environment.

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.

PRIME Common LISP Development Environment

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.
8536-XX	PRIME Common LISP Development Environment	$6,000	$8,400	$12,000	$20,000	$28,000	$140
	Prerequisite: PRIMOS Rev 20.0 or later						
	Comment: Not avail. for the 2250 or 3 digit systems						
8536-XXS	Subsequent License for 8536-XX	4,500	6,700	9,600	16,000	22,400	140
CR8536-XX	Upgrade credit for 8536-XX and 8536-XXS	4,500	6,700	9,600	16,000	N/A	N/A

TRANSLATORS AND ENVIRONMENTS (Continued)

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.
RPG							
8547-XX	RPG II V mode Compiler Prerequisite: PRIMOS	$3,000	$4,000	$7,500	$15,000	$21,000	$54
8547-XXS	Subsequent License for 8547-XX Prerequisite: PRIMOS and 8547-XX	2,400	3,200	6,000	12,000	16,800	54
CR8547-XX	Upgrade credit for 8547-XX and 8547-XXS	2,400	3,200	6,000	12,000	N/A	N/A
Source Level Debugger and EMACS							
8538-XX	Source Level Debugger Prerequisite: PRIMOS	1,500	2,800	4,500	7,500	13,500	50
8538-XXS	Same as 8538-XX for Subsequent Licenses Prerequisite: PRIMOS and 8538-XX	1,200	2,240	3,600	6,000	10,800	50
CR8538-XX	Upgrade for 8538-XX and 8538-XXS	1,200	2,240	3,600	6,000	N/A	N/A
8280-XX	Package: Source Level Debugger, EMACS Programmable Screen Editor Prerequisite: PRIMOS	2,800	4,800	8,400	15,600	22,800	(See Note 3 on p. 8-2)
8280-XXS	Same as 8280-XX for Subsequent Licenses Prerequisite: PRIMOS and 8280-XX	2,240	3,840	6,720	12,480	18,240	(See Note 3 on p. 8-2)
CR8280-XX	Upgrade for 8280-XX and 8280-XXS	2,240	3,840	6,720	12,480	N/A	N/A

TRANSLATORS AND ENVIRONMENTS (Continued)

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.
SyncSort/PRIME							
8545-XX	SyncSort/PRIME	$3,500	$3,500	$7,500	$10,000	$10,000	$65
	Prerequisite: PRIMOS Rev 19.4 or later						
8545-XXS	Subsequent License for 8545-XX	2,800	2,800	6,000	8,000	8,000	65
	Prerequisite: PRIMOS Rev 19.4 or later and 8545-XX						
CR8545-XX	Upgrade credit for 8545-XX and 8545-XXS	2,800	2,800	6,000	8,000	N/A	N/A

TRANSLATORS AND ENVIRONMENTS: MISCELLANEOUS

Product Number	Description	Cate	US List Price	Monthly Maint.	Prereqs/ Comments

BASIC Interpreter

8525-P	BASIC Interpreter; offered "as is" with no support	B	-0-	N/A	PRIMOS (See Note* below)

COBOL-CBL Converter

8542-P	COBOL-CBL Converter (Offered "as-is" with no support)	B	$200	N/A	8541-P

COBOL-74 Runtime

8553-P	COBOL-74 Runtime Library Execute-only	B	-0-	-0-	PRIMOS

C Run-time

8551-P	C Run-time Library Execute-only	B	-0-	-0-	PRIMOS Rev 19.1 or later

FORTRAN

8515-P	FORTRAN-66 Compiler	B	-0-	-0-	PRIMOS (See Note* below)

PASCAL

85221-P	Pascal Runtime Library, Execute-only	B	-0-	-0-	PRIMOS Rev 19.4 or later

PL/I

85311-P	PL/I Runtime Library, Execute-only	B	-0-	-0-	PRIMOS Rev 19.4 or later

NOTE*: Telephone support: $25 per month.

August, 1987

DATA MANAGEMENT

Product Number	Description	Product Category	US List Price	Month. Maint.	Prerequisites/ Comments
8576-UP	DISCOVER upgrade from PRISAM support to PRISAM and DBMS support	A	$6,000	$120	8575

DISCOVER, PRISAM and DBMS

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.
8570-XX	PRISAM	$ 3,000	$ 3,000	$ 6,000	$10,000	$15,000	$65
8570-XXS	PRISAM Subsequent License	1,500	1,500	3,000	5,000	7,500	65
CR8570-XX	Upgrade credit for 8570-XX and 8570-XXS	1,500	1,500	3,000	5,000	N/A	N/A
8571-XX	PRISAM Execute-only	1,000	1,000	2,000	4,000	6,000	25
CR8571-XX	Upgrade credit for 8571-XX	1,000	1,000	2,000	4,000	N/A	N/A
8575-XX	DISCOVER (PRISAM)	2,000	2,000	4,000	6,000	8,000	70
8575-XXS	DISCOVER (PRISAM) Subsequent License	1,000	1,000	2,000	3,000	4,000	70
CR8575-XX	Upgrade credit for 8575-XX and 8575-XXS	1,000	1,000	2,000	3,000	N/A	N/A

DATA MANAGEMENT (Continued)

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.
DISCOVER, PRISAM and DBMS (Continued)							
8689-XX	DISCOVER, PRISAM and DBMS support	$10,000	$10,000	$10,000	$15,000	$20,000	$120
CR8689-XX	Upgrade credit for 8689-XX	10,000	10,000	10,000	15,000	N/A	N/A
8680-XX	DBMS/ROAM Definition Group	15,000	15,000	15,000	20,000	25,000	180
CR8680-XX	Upgrade credit for 8680-XX	15,000	15,000	15,000	20,000	N/A	N/A
8681-XX	DBMS/ROAM FORTRAN Support	2,000	2,000	2,000	3,000	4,000	25
CR8681-XX	Upgrade credit for 8681-XX	2,000	2,000	2,000	3,000	N/A	N/A
8682-XX	DBMS/ROAM COBOL Support	2,000	2,000	2,000	3,000	4,000	25
CR8682-XX	Upgrade credit for 8682-XX	2,000	2,000	2,000	3,000	N/A	N/A
8683-XX	DBMS/ROAM Logical Redefinition	5,000	5,000	5,000	7,500	10,000	60
CR8683-XX	Upgrade credit for 8683-XX	5,000	5,000	5,000	7,500	N/A	N/A
8684-XX	DBMS/ROAM Execute-only	5,000	5,000	5,000	7,500	10,000	60
CR8684-XX	Upgrade credit for 8682-XX	5,000	5,000	5,000	7,500	N/A	N/A
8690-XX	DBMS/ROAM Complete (Consists 8680, 8681, 8682, 8683 and 8689)	34,000	34,000	34,000	60,000	80,000	(See Note 3 on p. 8-2)
CR8690-XX	Upgrade credit for 8690-XX	34,000	34,000	34,000	60,000	N/A	N/A

DATA MANAGEMENT (Continued)

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.
FORMS							
8548-XX	FORMS	$ 2,500	$ 2,500	$ 5,000	$ 7,500	$10,000	$ 60
CR8548-XX	Upgrade credit for 8548-XX	2,500	2,500	5,000	7,500	N/A	N/A
8162-XX	FORMS with Forms Editor (FED)	3,000	3,000	6,500	10,000	12,500	$ 80
CR8162-XX	Upgrade credit for 8162-XX	3,000	3,000	6,500	10,000	N/A	N/A

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.
Prime ORACLE							
9010-XX	Prime ORACLE Base Product	$10,000	$20,000	$40,000	$60,000	$80,000	$200
9010-XXS	Prime ORACLE Base Subsequent Licenses	5,000	10,000	20,000	30,000	40,000	200
CR9010-XX	Upgrade for 9010-XX and 9010-XXS	5,000	10,000	20,000	30,000	N/A	N/A
9011-XX	Prime ORACLE SQL*Forms	1,500	3,000	6,000	10,000	12,000	35
9011-XXS	Prime ORACLE SQL*Forms Subsequent License	750	1,500	3,000	5,000	6,000	35
CR9011-XX	Credit for 9011-XX and 9011-XXS	750	1,500	3,000	5,000	N/A	N/A
9019-XX	Prime ORACLE Execute-only	2,500	5,000	10,000	15,000	20,000	50
CR9019-XX	Upgrade for 9019-XX and 9010-XXS	2,500	5,000	10,000	15,000	N/A	N/A

Product Number	Description	Product Category	US List Price	Month. Maint.	Prerequisites/ Comments
Prime ORACLE PC Products					
9020-PC	Prime ORACLE for the PC: Base Product (Rev 4.1.4) plus Interactive Application Facility	B	$1,000	8 (See Note 2 on p. 8-2)	PERFORMER option w/ 624Kb memory
9020-PCT	Prime ORACLE for the PC Base Product for the IBM PC/AT (Rev 4.1.4), includes Interactive Application Facility.	B	1,000	8 (See Note 2 on p. 8-2)	IBM PC/XT or PC/AT w/ MS-DOS or PC-DOS Rev 2.1 or higher & 512Kb memory

85560-P	MIDASPLUS Execute-only	A	-0-	$50	PRIMOS

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.

MIDASPLUS

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.
8556-XX	MIDASPLUS	$2,000	$2,500	$5,500	$7,500	$10,000	$70
8556-XXS	MIDASPLUS Subsequent License	1,000	1,250	2,750	3,750	5,000	70
CR8556-XX	Upgrade for 8556-XX 8556-XXS	1,000	1,250	2,750	3,750	N/A	N/A

PRIFORMA

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.
8165-XX	PRIFORMA Base Product	1,500	3,000	5,000	7,500	10,000	75
8165-XXS	PRIFORMA Base Product Subsequent License	1,000	1,500	2,500	3,750	5,000	75
81651-XX	PRIFORMA Execute-only Version	500	750	1,250	2,000	2,500	50
CR8165-XX	Upgrade for 8165-XX 8165-XXS	1,000	1,500	2,500	3,750	N/A	N/A
CR81651-XX	Upgrade for 81651-XX	500	750	1,250	2,000	N/A	N/A

PRIFORMA (Host) Development

o Telephone support/product updates/documentation updates/on-site remedial
  support: $75 per month
o On-site installation: $285 per installation
o Other services (e.g., consulting) available at prevailing time and
  materials rates, resources permitting

PRIFORMA (Host) Execute-only

o Telephone support/product updates/documentation updates/NO on-site remedial
  support: $50 per month
o On-site installation: $285 per installation
o On-site remedial support is available at prevailing time and materials
  rates
o Other services (e.g., consulting) available at prevailing time and
  materials rates, resources permitting

Product Number	Description	Product Category	US List Price	Month. Maint.	Prerequisites/ Comments
PRIMEWAY Development and Runtime Complete for Office Environment Systems					
8325-PA	PRIMEWAY Development & Runtime system	A	$10,000	$313	PRIMOS, CBL(8541), & either PRISAM (8570) or DBMS (8690)
8330-PA	PRIMEWAY DBMS Development & Runtime Package including: PRIMEWAY Development & Runtime (8325), CBL (8541), DBMS & DISCOVER Complete (8690)	·A	25,000	(See Note 3 on p. 8-2)	PRIMOS
8335-PA	PRIMEWAY PRISAM Development & Runtime Package including: PRIMEWAY Development & Runtime (8325), CBL (8541), PRISAM (8570), DISCOVER (8575)	A	16,000	(See Note 3 on p. 8-2)	PRIMOS
PRIMEWAY Development and Runtime Systems for Computer Room Systems					
8325-PB	PRIMEWAY Development & Runtime System	A	20,000	313	PRIMOS, CBL(8541), & either PRISAM (8570) or DBMS (8690)
8330-PB	PRIMEWAY DBMS Development & Runtime Package including: PRIMEWAY Development & Runtime (8325), CBL (8541), DBMS & DISCOVER Complete (8690)	A	50,000	(See Note 3 on p. 8-2)	PRIMOS
8335-PB	PRIMEWAY PRISAM Development & Runtime Package including: PRIMEWAY Development & Runtime (8325), CBL (8541), PRISAM (8570) & DISCOVER (8575)	A	32,000	(See Note 3 on p. 8-2)	PRIMOS

August, 1987

Product Number	Description	Product Category	US List Price	Month. Maint.	Prerequisites/ Comments
PRIMEWAY Execute-only for Office Environment Systems					
8326-PA	PRIMEWAY Execute-only	A	$3,500	$130	PRIMOS, CBL(8553) and either DBMS (8684) or PRISAM (8571)
8331-PA	PRIMEWAY DBMS Execute-only Package including: PRIMEWAY Execute-only (8326), CBL Execute-only (8553), & DBMS Execute-only (8684)	A	6,000	(See Note 3 on p. 8-2)	PRIMOS
8336-PA	PRIMEWAY PRISAM Execute-only Package including: PRIMEWAY Execute-only (8326), CBL Execute-only (8553), & PRISAM Execute-only (8571)	A	4,500	(See Note 3 on p. 8-2)	PRIMOS
PRIMEWAY Execute-Only for Computer Room Systems					
8326-PB	PRIMEWAY Execute-only	A	5,000	130	PRIMOS, CBL(8553) & either DBMS (8684) or PRISAM (8571)
8331-PB	PRIMEWAY DBMS Execute-only Package including: PRIMEWAY Execute-only (8326), CBL Execute-only (8553), & DBMS Execute-only (8684)	A	10,000	(See Note 3 on p. 8-2)	PRIMOS
8336-PB	PRIMEWAY PRISAM Execute-only Package including: PRIMEWAY Execute-only (8326), CBL Execute-only (8553), & PRISAM Execute-only (8571)	A	7,000	(See Note 3 on p. 8-2)	PRIMOS

* Maintenance of each of the packaged components will be charged individually. Duplicate maintenance charges will not be made.

Product Number	Description	Product Category	List Price	Month. Maint.	Prerequisites/ Comments

PRIMEWAY Upgrades from Office Environment to Computer Room Systems

Product Number	Description	Product Category	List Price	Month. Maint.	Prerequisites/ Comments
8325-PBU	PRIMEWAY upgrade	A	$10,000	$313	8325-PA
8330-PBU	PRIMEWAY DBMS Development & Runtime Package upgrade	A	25,000	(See Note 3 on p. 8-2)	8330-PA
8335-PBU	PRIMEWAY PRISAM Development & Runtime Package upgrade	A	16,000	(See Note 3 on p. 8-2)	8335-PA
8326-PBU	PRIMEWAY Execute-only Package upgrade	A	1,500	130	8326-PA
8331-PBU	PRIMEWAY DBMS Execute-only Package upgrade	A	4,000	(See Note 3 on p. 8-2)	8331-PA
8336-PBU	PRIMEWAY PRISAM Execute-only Package upgrade	A	2,500	(See Note 3 on p. 8-2)	8336-PA

Product Number	Description		US List Price

PRIMEWAY Templates

Product Number	Description		US List Price
PT200T-P1	PT200 EDIT & VIEW	(each)	$ 10
PT200T-P1D	PT200 EDIT & VIEW	(dozen)	100
PT200T-P2	PT200 BUSINESS ENVIRONMENT	(each)	10
PT200T-P2D	PT200 BUSINESS ENVIRONMENT	(dozen)	100
MEC7818-I	PST100 BUSINESS ENVIRONMENT	(each)	10
MEC7818-ID	PST100 BUSINESS ENVIRONMENT	(dozen)	100
MEC7820-I	PST100 EDIT & VIEW	(each)	10
MEC7820-ID	PST100 EDIT & VIEW	(dozen)	100
MEC8533-I	PT45 FED/EDIT & VIEW	(each)	10
MEC8533-ID	PT45 FED/EDIT & VIEW	(dozen)	100
MEC8535-I	PT45 BUSINESS ENVIRONMENT	(each)	10
MEC8535-ID	PT45 BUSINESS ENVIRONMENT	(dozen)	100

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.
PRIMAN							
850410-XX	PRIMAN (Prerequisite: PRIMOS Rev. 20.2)	$2,000	$3,500	$5,000	$7,000	$9,000	$ 65
850410-XXS	PRIMAN Subsequent License for 850410-XX	1,000	1,750	2,500	3,500	4,500	65
CR850410-XX	Trade-in credit for 850410-XX and 850410-XXS	1,000	1,750	2,500	3,500	N/A	N/A

Product Number	Description	Product Category	US List Price	Month. Maint.	Prerequisites/ Comments
Prime INFORMATION					
8508-PC	Prime INFORMATION/pc with full documentation set, binders and slipcases.	B	$ 895	$ 8 (See Note 2 on p. 8-2)	Special Tele-mkt discounts available
8508-PCU1	Prime INFORMATION/pc Release 1.1		40	N/A	8508-PC

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.
Prime INFORMATION Continued							
8505-XX	Prime INFORMATION	$5,000	$7,000	$15,000	$25,000	$35,000	$110
8505-XXS	Prime INFORMATION Subsequent License	2,500	3,500	7,500	12,500	17,500	110
CR8505-XX	Upgrade for 8505-XX 8505-XXS	1,500	0	2,500	7,500	N/A	N/A
85052-XX	Prime INFORMATION Multinational-English	5,000	7,000	15,000	25,000	35,000	110
85052-XXS	Prime INFORMATION Multinational-English	2,500	3,500	7,500	12,500	17,500	110

Product Number	Description	P1	P2	P4	P5	P6	Month Maint
Prime INFORMATION (continued)							
CR85052-XX	Credit for 85052-XX, 85052-XXS	$ 1,500	$ 0	$ 2,500	$ 7,500	N/A	N/A
SIMPLE							
8506-XX	SIMPLE	2,000	2,000	3,000	5,000	$ 5,000	$40
8506-XXS	SIMPLE Subsequent License	1,000	1,000	1,500	2,500	2,500	40
CR8506-XX	Upgrade for 8506-XX 8506-XXS	500	500	500	500	N/A	N/A
Prime INFORMATION ESCAPE							
92900-XX	Prime INFORMATION ESCAPE	10,000	10,000	15,000	20,000	20,000	125
92900-XXS	Prime INFORMATION ESCAPE Subsequent License	5,000	5,000	7,500	10,000	10,000	125
CR92900-XX	Credit For 92900-XX 92900-XXS	2,500	2,500	5,000	N/A	N/A	N/A
Prime INFORMATION CONNECTION							
9200-XX	Prime INFORMATION CONNECTION Full set	7,000	9,000	13,500	16,500	19,500	(See page 8-28)
9200-XXS	Prime INFORMATION CONNECTION Subsequent License	5,250	6,750	10,000	12,500	14,500	(See page 8-28)
CR9200-XX	Credit for 9200-XX and 9200-XXS	4,750	5,500	9,500	11,500	N/A	N/A

Product Number	Description	P1	P2	P4	P5	P6	Month Maint
Prime INFORMATION CONNECTION (continued)							
Word CONNECTION							
9220-XX	Word CONNECTION	$ 4,300	$ 5,500	$ 8,000	$ 9,000	$10,000	(See page 8-28)
9220-XXS	Word CONNECTION Subsequent	3,200	4,000	6,000	6,750	7,500	"
CR9220-XX	Credit for 9220-XX and 9220-XXS	2,800	3,500	5,750	6,500	N/A	N/A
Graph CONNECTION							
9230-XX	Graph CONNECTION	4,300	5,500	8,000	9,000	10,000	(See page 8-28)
9230-XXS	Graph CONNECTION Subsequent	3,200	4,000	6,000	6,750	7,500	"
CR9230-XX	Credit for 9230-XX and 9230-XXS	2,800	3,500	5,750	6,500	N/A	N/A
Financial CONNECTION							
9225-XX	Financial CONNECTION	1,500	2,000	2,500	3,000	4,000	(See page 8-28)
9225-XXS	Financial CONNECTION Subsequent	1,100	1,500	2,000	2,000	3,000	"
CR9225-XX	Credit for 9225-XX and 9225-XXS	1,000	1,500	1,500	2,000	N/A	N/A

Prime INFORMATION CONNECTION (Continued)

Maintenance Pricing, Initial and Subsequent Licenses

Product Number	Description	P1	P2	P4	P5	P6
9200-XX 9200-XXS	Prime INFORMATION CONNECTION (full set)	$130	$130	$150	$150	$150
9220-XX 9220-XXS	Word CONNECTION	60	60	65	65	65
9230-XX 9230-XXS	Graph CONNECTION	50	50	55	55	55
9225-XX 9225-XXS	Financial CONNECTION	35	35	40	40	40

Product Number	Description	Product Category	US List Price	Month. Maint.	Prerequisites/ Comments
PRIME VIEWBASE for Office Environment Systems					
94101-PA	PRIME VIEWBASE	B	$27,500	$375	Prime INFORMATION Rev 6.0.1 or later
94101-PAS	PRIME VIEWBASE Subsequent License	B	13,750	375	94101-PA
94102-PA	PRIME VIEWBASE with Prime INFORMATION	B	29,500	(See Note 3 on p. 8-2)	
94102-PAS	PRIME VIEWBASE with Prime INFORMATION Subsequent License	B	17,250	(See Note 3 on p. 8-2)	94102-PA
94103-PA	PRIME VIEWBASE, Run-time	B	4,000	50	Prime INFORMATION 6.0.1 or later
94103-PAS	PRIME VIEWBASE, Run-time Subsequent License	B	2,000	50	94103-PA
PRIME VIEWBASE for Computer Room Systems					
94101-PB	PRIME VIEWBASE	B	40,000	375	Prime INFORMATION 6.0.1 or later
94101-PBS	PRIME VIEWBASE Subsequent License	B	20,000	375	94101-PB
94102-PB	PRIME VIEWBASE with Prime INFORMATION	B	45,000	(See Note 3 on p. 8-2)	
94102-PBS	PRIME VIEWBASE with Prime INFORMATION Subsequent License	B	27,500	(See Note 3 on p. 8-2)	94102-PB
94103-PB	PRIME VIEWBASE, Run-time	B	6,000	50	Prime INFORMATION 6.0.1 or later
94103-PBS	PRIME VIEWBASE, Run-time Subsequent License	B	3,000	50	94103-PB

Product Number	Description	Product Category	US List Price	Month. Maint.	Prerequisites/ Comments
PRIME VIEWBASE Upgrades to Computer Room Systems					
94101-PBU	PRIME VIEWBASE, upgrade	B	$12,500	$375	94101-PA
94101-PBSU	PRIME VIEWBASE, upgrade to Subsequent License	B	6,250	375	94101-PAS
94102-PBU	PRIME VIEWBASE with Prime INFORMATION upgrade	B	15,500	(See Note 3 on p. 8-2)	94102-PA
94102-PBSU	PRIME VIEWBASE with Prime INFORMATION, upgrade to Subsequent License	B	10,250	(See Note 3 on p. 8-2)	
94103-PBU	PRIME VIEWBASE, Run-time upgrade	B	2,000	50	94103-PA
94103-PBSU	PRIME VIEWBASE, Run-time upgrade to Subsequent License	B	1,000	50	94103-PAS
Application Developers					
94104-P	PRIME VIEWBASE for application developers	B	10,000	125	Prime INFORMATION 6.0.1 or later

Product Number	Description	Product Category	US List Price	Month. Maint.	Prerequisites/ Comments
PRODUCER 100 SOFTWARE					
8671-P	PRODUCER 100 Multiplan Software with Reference, Quick Reference and Step-by-Step Documentation	N/A	$ 300	$ 7	PRODUCER 100
8673US-P	PRODUCER 100 WP Software Upgrade or replacement fee for dual diskette systems	N/A	375	N/C	PRODUCER 100
8674US-P	PRODUCER 100 WP Software Upgrade or replacement fee for hard disk systems	N/A	375	N/C	PRODUCER 100
PERFORMER WORKSTATION SOFTWARE					
PWS2012US-P	Graphics software, graphics controller & documentation	N/A	1,195	*	PWS2010US-P
PWS2010US-P	Multiplan software, documentation & template	N/A	195	7	PWS200B-US, monitor
PWS2008US-P	Cluster software, cluster terminators & documentation	N/A	495	30	PWS200D-10US & PWS200A-RM
PWS2019US-P	WP software upgrade or replacement fee	N/A	395	N/A	PWS200B-US

* Maintenance for graphics controller is Preferred: $19; Basic: $15; and Deferred: $11. This charge includes software maintenance at the Basic rate.

OFFICE AUTOMATION SOFTWARE

Product Number	Product Description	Category	US List Price	Month. Maint.	Prerequisites/ Comments
OAS					
8650-US	20/20 integration link	N/A	$ 500	$ 8	OAS Rev 5.0
8651-P	OAS including: Word Processing Management Communications, Advanced Text Management	N/A	*	130	PRIMOS and 8556
8651-PS	OAS including: Word Processing Management Communications, Advanced Text Management Subsequent License	N/A	*	130	8651-P
8651-UP	OAS including: Word Processing Management Communications, Advanced Text Management Upgrade	N/A	0	130	Applies only to existing OA customers as of 9/30/82
8652-PA	OAS software package for Office Environment. Includes OAS (8651), MIDASPLUS (8556) and English Dictionary (8631)	N/A	7,000	(See Note 3 on p. 8-2)	PRIMOS
8652-PAS	OAS software package subsequent license for Office Environment. Includes OAS (8651), MIDASPLUS (8556) and English Dictionary (8631)	N/A	4,000	(See Note 3 on p. 8-2)	PRIMOS
8652-PB	OAS software package for Computer Room Environment. Includes OAS (8651), MIDASPLUS (8556) and English Dictionary (8631)	N/A	12,000	(See Note 3 on p. 8-2)	PRIMOS
8652-PBS	OAS software package subsequent license for Computer Room Environment. Includes OAS (8651), MIDASPLUS (8556) and English Dictionary (8631)	N/A	8,000	(See Note 3 on p. 8-2)	PRIMOS

OFFICE AUTOMATION SOFTWARE (Continued)

Product Number	Description	Product Category	US List Price	Month. Maint.	Prerequisites/ Comments
OAS (Continued)					
Dictionary for OAS					
8631-P	English Dictionary for OAS	N/A	0	$ 10	8651-P
8632-P	Norwegian Dictionary for OAS	N/A	0	10	8651-P or 8652-PX
8633-P	French Dictionary for OAS	N/A	0	10	8651-P or 8652-PX
8634-P	German Dictionary for OAS	N/A	0	10	8651-P or 8652-PX
8635-P	Spanish Dictionary for OAS	N/A	0	10	8651-P or 8652-PX

OFFICE AUTOMATION SOFTWARE NOTES

o Multiple systems - (Paid-Up License) - as indicated above, subsequent license may be sold to an account purchasing multiple systems after a "First License" has been purchased.

o Prerequisites - PRIMOS Rev 19.2.5 or 19.3.3 and MIDASPLUS (8556). The Advanced Text Management Software is useless without at least one (1) dictionary.

o Software modules include a license to use on a single Prime CPU, a copy of the software on magnetic tape, and one set of documentation plus installation.

OFFICE AUTOMATION SOFTWARE (Continued)

Product Number	Description	P1	P2	P4	P5	P6	Std Service
PRIMEWORD							
9310US-XX	PRIMEWORD WP U.S. Version	$4,900	$5,500	$8,500	$15,500	$19,500	$90 (See Note 5 on p. 8-2)
CR9310US-XX	Upgrade for 9310US-XX	4,900	5,500	8,500	15,500	N/A	N/A
9311US-XX	PRIMEWORD WP for current 4.0 WordMARC Customers	1,000	1,000	1,700	3,000	4,000	90
CR9311US-XX	Upgrade credit	1,000	1,000	1,700	3,000	—	—
9313US-XX	PRIMEWORD WP for current 5.0 WordMARC Customers	750	750	1,200	2,200	2,800	90
CR9313US-XX	Upgrade credit	750	750	1,200	2,200	—	—
9314US-XX	PRIMEWORD WP for current OAS Customers U.S. Version Prerequisite: PRIMOS Rev. 19.4.8 or later	2,950	2,950	4,950	9,000	N/A	90 (See Note 5 on p. 8-2)
CR9314US-XX	Upgrade for 9314US-XX	2,950	2,950	4,950	9,000	N/A	N/A

Additional Service Options Available Through Customer Service

o On-site installation is available and is separately chargeable

  - $300 per host installation

  - $165 per PC installation

o Consulting services and on-site remedial support are available at prevailing Time and Materials rates resources permitting

Product Number	Description	Product Category	US List Price	Month. Maint.	Prerequisites/ Comments
GKS					
86600-P	GKS 1.0 Development License includes: GKS Software, GKS User's Guide, GKS Reference Manual: Fortran 77 Binding, GKS Reference Manual: C Binding, and GKS Installation Guide	N/A	$2,500	$ 60	
86600-PS	GKS 1.0 Subsequent Development License	N/A	1,250	60	
86601-P	GKS 1.0 Runtime License includes: GKS Software, GKS installation Guide	N/A	500	10*	
86607-P	GKS Tektronix 4107/4109 driver	B	1,000	10*	GKS Rev 1.1
86609-P	GKS Tektronix 4111 driver	B	1,500	10*	GKS Rev 1.1
86610-P	GKS Lasergraphics slidemaker driver	B	1,000	10*	GKS Rev 1.1
86611-P	GKS Calcomp driver	B	1,500	10*	GKS Rev 1.1
86612-P	GKS Westward 2215/2219 driver	B	500	10*	GKS Rev 1.1
86613-P	GKS Westward 3220 driver without Graphics Manager	B	1,000	10*	GKS Rev 1.1
KIT10090-001	PT200 Graphics Option upgrade firmware kit		N/C	N/C	GKS software

*See Note 2 on page 8-2.

Product Number	Description	Prod Cate	US List Price	Maintenance* Std Svc	LUS fee	Pld Spt	Prereq Comments
PRIMELINK Host Software							
PC1010-5-P	Supports up to 5 concurrent file transfers	B	$ 2,250	$ 94	$22	$120	PRIMOS Rev 19.2 and 1 PC1010-B-P per PC
PC1010-10-P	Supports up to 10 concurrent file transfers	B	4,250	163	32	120	Same as above
PC1010-15-P	Supports up to 15 concurrent file transfers	B	6,250	232	40	120	Same as above
PC1010-P	Supports over 15 concurrent file transfers	B	10,250	311	20	120	Same as above
PC1010-DAS-P	PRIMELINK Data Access Software		1,500	37	6	120	PRIMELINK PC1010-P/ X-P (host
PRIMELINK PC Software							
PC1010-B-P	Floppy diskette and documentation for PC	B	95	18	6	120	MS-DOS V2.11 and PRIMELINK host s/w
PC1010-A-P	PRIMELINK Rev 3.0 English diskette and documentation for Apple Macintosh		95	N/A	6	N/A	Macintosh 512K or Macintosh Plus and PRIMELINK host s/w
PC1013-G-P	PRIMELINK Rev 3.0 English diskette and documentation with Graphics Emulator**		350	20	8	120	MS-DOS v2.11, 320KB mem, PRIMELINK host s/w

* The maintenance fees for Standard Service and License Update Service are monthly fees, and the maintenance fees for Planned Support are hourly fees.

** Graphics Emulator contains the complete PC PRIMELINK functionality

NOTE: Depending on the number of personal computers connected to the host via PRIMELINK, a corresponding number of copies of PC software will have to be ordered separately.

Product Number	Description	Prod Cate	US List Price	Maintenance Std Svc	LUS fee	Pld Spt	Prereq Comments

Upgrade Pricing for PRIMELINK and pcLINK

Product Number	Description	Prod Cate	US List Price	Std Svc	LUS fee	Pld Spt	Prereq Comments
PC1010-5-UP	Upgrade from pcLINK for 5 concurrent file transfers	B	$ 2,250	$94	–	$120/hr	pcLINK License
PC1010-10-UP	Upgrade to 10 concurrent file transfers	B	4,250	163	–	120/hr	PC1010-5-P
PC1010-15-UP	Upgrade to 15 concurrent file transfers	B	6,250	232	–	120/hr	PC1010-5-P or PC1010-10-P or pcLINK License
PC1010-UP	Upgrade to over 15 concurrent file transfers	B	10,250	311	–	120/hr	PC1010-5-P, PC1010-10-P or PC1010-15-P or pcLINK License

Trade-In-Credits for PRIMELINK or pcLINK

Product Number	Description	Prod Cate	US List Price	Std Svc	LUS fee	Pld Spt	Prereq Comments
CRPC1010-5P	Credit accompanying upgrade from 5 file transfers	B	1,800	N/A			
CRPC1010-10P	Credit accompanying upgrade from 10 file transfers	B	3,400	N/A			
CRPC1010-15P	Credit accompanying upgrade from 15 file transfers	B	5,000	N/A			

NOTE: Maximum trade-in credit for pcLINK customers is $5,000. PRIMELINK and pcLINK should not be run simultaneously on the same system. The maximum number of users will be equal to the number allowed by either version, not the sum of the two.

Trade-in-credit product numbers must accompany each upgrade product number on the sales order to be processed. In addition, before giving the trade-in credit, the Prime Field Order Administrator has to verify the presence of the original PRIMELINK license by referencing the sales order number on which the original license was shipped. (Upgrades from pcLINK are excluded from this verification process.)

Product Number	Description	U.S. List Price	License Update Service

PC SOFTWARE

Product Number	Description	U.S. List Price	License Update Service
PC1030-P	Microsoft GW-BASIC	$300	N/A

Product Number	Description	Product Category	List Price	Month. Maint.	Prerequisites/ Comments

COMMUNICATIONS

Emulators

Product Number	Description	Product Category	List Price	Month. Maint.	Prerequisites/ Comments
8040-P	EMXBM (ICL XBM Emulator)	A	$3,750	$30	PRIMOS
8060-P	EM200UT (CDC 200 User Terminal Emulator)	A	3,750	30	PRIMOS
8180-P	EM1004 (Univac 1004 RBT) Emulator	A	3,750	30	PRIMOS
8460-P	EM7020 (ICL 7020 Terminal) Emulator	A	3,750	30	PRIMOS
8470-P	EMGRTS (Honeywell GRTS)	A	4,500	35	PRIMOS

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.
8020-XX	EMX80 (IBM 2780/3780 Terminal) Emulator Prerequisite: PRIMOS	$4,500	$4,500	$4,500	$5,500	$6,500	$35
8020-XXS	EMX80 (IBM 2780/3780 Terminal) Emulator Prerequisite: PRIMOS	2,250	2,250	2,250	2,750	3,250	35
CR8020-XX	Upgrade credit for 8020-XX and 8020-XXS	2,250	2,250	2,250	2,750	N/A	N/A

COMMUNICATIONS (Continued)

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.
Emulators Continued)							
8120-XX	EMHASP (IBM Multileaving Workstation) Emulator	$5,250	$5,250	$5,250	$6,250	$ 7,250	$ 40
	Prerequisite: PRIMOS						
8120-XXS	EMHASP (IBM Multileaving Workstation) Emulator	2,650	2,650	2,650	3,150	3,650	40
	Prerequisite: PRIMOS						
CR8120-XX	Upgrade credit for 8120-XX and 8120-XXS	2,650	2,650	2,650	3,150	N/A	N/A
8430-XX	DPTX 3270 Emulation and support	7,500	7,500	7,500	8,500	9,500	145
	Prerequisite: PRIMOS						
8430-XXS	DPTX 3270 Emulation and support	3,800	3,800	3,800	4,300	4,800	145
	Prerequisite: PRIMOS						
CR8430-XX	Upgrade credit for 8430-XX and 8430-XXS	3,800	3,800	3,800	4,300	N/A	N/A
PRIMENET							
8440-XX	PRIMENET	4,000	7,500	10,000	15,000	20,000	60
	Prerequisite: PRIMOS						
8440-XXS	PRIMENET Subsequent	2,000	3,750	5,000	7,500	10,000	60
	Prerequisite: PRIMOS						

COMMUNICATIONS (Continued)

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.
PRIMENET (Continued)							
CR8440-XX	Credit for 8440-XX 8440-XXS	$2,000	$ 3,750	$ 5,000	$ 7,500	N/A	N/A
8450-XX	PRIMENET With X.25	6,500	10,000	15,000	20,000	$25,000	$90
	Prerequisite: PRIMOS						
8450-XXS	PRIMENET With X.25 Subsequent	3,250	5,000	7,500	10,000	12,500	90
	Prerequisite: PRIMOS						
CR8450-XX	Credit for 8450-XX 8450-XXS	3,250	5,000	7,500	10,000	N/A	N/A
PSDN Spooler							
84900-XX	PSDN Spooler	1,500	2,000	3,000	3,000	3,000	35
	Prerequisite: PRIMENET with X.25						
84900-XXS	Same as 84900-XX for Subsequent Licenses	1,000	1,200	1,500	1,500	1,500	35
	Prerequisite: PRIMENET with X.25 and 84900-XX						
CR84900-XX	Trade-in credit for 84900-XX and 84900-XXS	1,000	1,200	1,500	1,500	N/A	N/A

COMMUNICATIONS (Continued)

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.

PRIME/SNA Core

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.
8080-XX	PRIME/SNA Core Package, includes 8081-P Server 8082 Interactive 8083 RJE Prerequisite: PRIMOS 20.1 ICS3 Sync LAC or PRIMOS 19.4.5, ICS2 Sync LAC	$2,750	$6,750	$11,250	$15,000	$18,400	(See Note 3 on p. 8-2)
8080-XXS	PRIME/SNA Core Package, includes 8081 Server 8082 Interactive 8083 RJE Subsequent Prerequisite: PRIMOS 20.1, ICS3, Synch LAC or PRIMOS 19.4.5, ICS2 Sync LAC	1,350	3,400	5,600	7,500	9,200	(See Note 3 on p. 8-2)
CR8080-XX	Upgrade for 8080-XX 8080-XXS	1,350	3,400	5,600	7,500	N/A	N/A

PRIME/SNA API

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.
8084-XX	PRIME/SNA API Prerequisite: PRIME/SNA Server 8081 and PRIMOS Rev 19.4.13 or later	1,000	3,500	5,500	7,500	9,000	$150
8084-XXS	PRIME/SNA API Subsequent license	500	1,700	2,700	3,700	4,500	150
CR8084-XX	PRIME/SNA API Upgrade credit	500	1,700	2,700	3,700	4,500	N/A

NOTE: On-site installation is $450 per installation for PRIME/SNA API.

COMMUNICATIONS (Continued)

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.

PRIME/SNA Server

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.
8081-XX	PRIME/SNA Server	$1,500	$4,000	$6,000	$7,000	$8,500	$105
	Prerequisite: PRIMOS 20.1, ICS3 Sync LAC or PRIMOS 19.4.5 ICS2 Sync LAC						
8081-XXS	PRIME/SNA Server Subsequent	750	2,000	3,000	3,500	4,250	105
	Prerequisite: PRIMOS 20.1, ICS3 Sync LAC or PRIMOS 19.4.5 ICS2, Snyc LAC						
CR8081-XX	Upgrade for 8081-XX 8081-XXS	750	2,000	3,000	3,500	N/A	N/A

COMMUNICATIONS (Continued)

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.

PRIME/SNA INTERACTIVE

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.
8082-XX	PRIME/SNA INTERACTIVE	$1,000	$2,500	$4,500	$6,500	$8,000	$70
	Prerequisite: 8081P and either PT200, or PC with PRIMELINK						
8082-XXS	PRIME/SNA INTERACTIVE Subsequent	500	1,250	2,250	3,250	4,000	70
	Prerequisite: 8081P and either PT200, OR PC With PRIMELINK						
CR8082-XX	Credit for 8082-XX 8082-XXS	500	1,250	2,250	3,250	N/A	N/A

PRIME/SNA RJE

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.
8083-XX	PRIME/SNA	1,000	2,500	4,500	6,500	8,000	65
	Prerequisite: 8081-P						
8083-XXS	PRIME/SNA RJE Subsequent	500	1,250	2,250	3,250	4,000	65
	Prerequisite: 8081-P						
CR8083-XX	Credit for 8083-XX 8083-XXS	500	1,250	2,250	3,250	N/A	N/A

COMMUNICATIONS (Continued)

Product Number	Description	P1	P2	P4	P5	P6	Monthly Maint.

WSI 300

8090-XX	WSI300	$1,000	$2,000	$3,000	$5,000	$7,500	$65
	Prerequisite: LHC300, PRIMOS Rev 21						
8090-XXS	WSI300 Subsequent License	500	1,000	1,500	2,500	3,750	65
	Prerequisite: LHC300, PRIMOS Rev 21						
CR8090-XX	WSI300 Upgrade credit	500	1,000	1,500	2,500	3,750	

File Transfer Service

8480-XX	File Transfer Service	2,000	2,000	2,000	2,000	2,000	22
	Prerequisite: PRIMENET OR PRIMENET With X.25						
8480-XXS	File Transfer Service Subsequent	1,000	1,000	1,000	1,000	1,000	22
	Prerequisite: PRIMENET OR PRIMENET With X.25						

NTS

8490-XX	NTS, Network Terminal Service supports LTS300 Terminal Server hardware	150	225	300	300	300	

Product Number	Description	US List Price	Month. Maint.	Prerequisites/ Comments
PRIME 300 STABILIZED PRODUCTS				
8200-P	PRIMOS III	$ 0	$ 0	8000
8021-P	2780	1,500	20	8200
8061-P	UT200	1,500	25	8200
8121-P	HASP II	2,000	25	8200
PRIME 350/400 STABILIZED PRODUCTS				
85039-P	PRIMOS and UTILITIES Execute-only - Rev 21	15,000	N/A (See Note 1 on p. 8-2)	P350/400
85039A-P	PRIMOS Source Code Rev 21	5,000	45 (See Note 2 on p. 8-2)	8503-P or 85039-P
85039B-P	PRIMOS UTILITIES Source Code Rev 21	5,000	45 (See Note 2 on p. 8-2)	8503-P or 85039-P
85109-P	FORTRAN-77 Compiler - Rev 21	9,000	65	P350/400
85159-P	FORTRAN-66 Compiler Rev 21	- 0 -	N/A	P350/400 (See Note* below)
85209-P	BASIC/VM Compiler - Rev 21	5,000	60	P350/400
85229-P	Pascal Compiler - Rev 21	9,000	65	P350/400
85319-P	PL/I Compiler - Rev 21	7,500	65	P350/400

NOTE*: Telephone support: $25 per month.

Product Number	Description	US List Price	Monthly Maintenance	Prereq/ Comments
PRIME 350/400 STABILIZED PRODUCTS (Continued)				
85359-P	Prime EMACS Screen Editor - Rev 21	$ 6,000	$ 45	P350/400
85389-P	Source Level Debugger - Rev 21	6,000	50	P350/400
85419-P	CBL, COBOL-74 Compiler - Rev 21	10,000	65	P350/400
85479-P	RPG II V-Mode Compiler - Rev 21	7,500	54	P350/400
Communications				
80209-P	EMX80 (IBM 2780/3780) Terminal Emulator Rev 21	4,500	35	P350/400
81209-P	EMHASP (IBM Multileaving Workstation Emulator) Rev 21	5,250	40	P350/400
84309-P	DPTX - 3270 Emulation 2 support Rev 21	7,500	145	P350/400
84409-P	PRIMENET - Rev 21**	7,500	60	P350/400
84509-P	PRIMENET with Packet Network Interface Rev 21**	10,000	90	P350/400
84409-UP	Upgrade PRIMENET to PRIMENET with Packet Network Interface (PNI)- Rev 21**	2,500	90	8440-P or 84409-P
84809-P	File Transfer Service (FTS) Rev 21**	2,000	22	PRIMENET
Data Management				
85769-UP	DISCOVER upgrade from PRISAM support to PRISAM and DBMS support - Rev 21	6,000	120	8575 or 85759
86899-P	DISCOVER, PRISAM and DBMS support - Rev 21	10,000	120	8680, 86809, 8684, 86849
81639-P	FORMS upgrade to FORMS with the FORMS Editor (FED) - Rev 21	1,500	80	8548, 85489

** Communicates with systems running PRIMOS Rev 20 or 21, PRIMENET and FTS only.

Product Number	Description	US List Price	Monthly Maintenance	Prereq/ Comments
	PRIME 350/400 STABILIZED PRODUCTS (Continued)			
	Data Management (Continued)			
86809-P	DBMS/ROAM Definition Group Rev 21	$15,000	$180	P350/400
86819-P	DBMS/ROAM FORTRAN Support Rev 21	2,000	25	8680, 86809
86829-P	DBMS/ROAM COBOL Support Rev 21	2,000	25	8680, 86809
86839-P	DBMS/ROAM Logical Redefinition - Rev 21	5,000	60	8680(9) & 8681(9) or 8682(9)
86849-P	DBMS/ROAM Execute-only Rev 21	5,000	60	P350/400
86909-P	DBMS/ROAM Complete - Rev 21 Telephone Support Only	34,000	(See Note 3 on p. 8-2)	P350/400
85569-P	MIDASPLUS - Rev 21	5,500	70	P350/400
85709-P	PRISAM - Rev 21	6,000	65	P350/400
85489-P	FORMS - Rev 21	5,000	60	P350/400
81629-P	FORMS with Forms Editor (FED) Rev 21	6,500	80	P350/400
85759-P	DISCOVER, PRISAM support Rev 21	4,000	70	8570 or 85709
	Prime INFORMATION			
85059-P	Prime INFORMATION - Rev 21 (Release 6.1)	15,000	110	P350/400
85069-P	SIMPLE - Rev 21 (Release 7.0)	3,000	40	8505-PF or 85059-P
92909-P	Prime INFORMATION Escape - Rev 21 (Release 1.0)	15,000	125	8505-PF or 85059-P

PRIME EXL 316 SOFTWARE

| Product Number | Description | US List Price | Maintenance* | | | Prereqs/** Comments |
			Std Sppt	LUS Fee	Plnd Sppt	
PRIME EXL 316 OPERATING SYSTEM SOFTWARE (Implementation of UNIX)						
EXL9	PRIME EXL Base operating system license (Prime's implementation of UNIX System V.3) (extra charge for on-site support)	$1,000	$30	$14	$120	EXL316-XXX
SOFTWARE MAINTENANCE FOR PRIME EXL 316						
EXL10	PRIME EXL Development tool kit providing compiler capabilities, utilities and extensions necessary for software development and AT&T C (extra charge for on-site support)	800	25	12	120	EXL316-XXX
PC-INTERFACE - Host Software						
PC11-P	PC-INTERFACE supports up to 16 concurrent PC users	1,000	10	6	120	PRIME EXL 316 operating system and one PC10-P per PC

* The maintenance fees for Standard Service and License Update Service are monthly fees, and the maintenance fees for Planned Support are hourly fees.

** Depending on the number of PCs connected to the host via PC-INTERFACE, a corresponding number of PC software packages must be ordered.

PRIME EXL 316 SOFTWARE (Continued)

Product Number	Description	US List Price	Maintenance* Std Svc	LUS Fee	Plnd Sppt	Prereqs/** Comments
PC-INTERFACE (Continued)						
PC12-P	PC-INTERFACE, supports 17 to 32 concurrent PC users	$1,500	$15	$ 8	$120	PRIME EXL 316 and 1 PC10-P per PC
PC13-P	PC-INTERFACE Applications Program Interface module	2,500	30	14	120	PC11-P or PC12-P
PC INTERFACE -- PC Software						
PC10-P	PC-INTERFACE floppy diskette and documentation	150	8	6	120	IBM-PC/XT/ AT or compatible with MS-DOS 2.0 or later, 128Kb memory
PC-INTERFACE for PRIME EXL 316						
UGPC12-P	Upgrade to PC12-P (PC-Interface for 17-32 concurrent PC users) from PC11-P	500	15	N/A	120	PC11-P
RM/COBOL 85 for the PRIME EXL 316						
8541E-P	RM/COBOL-85, Development COBOL for the PRIME EXL 316 extra charge for on-site support	1,500	18	6	120	PRIME EXL 316 system, 1 modem per site

* The maintenance fees for Standard Service and License Update Service are monthly fees, and the maintenance fees for Planned Support are hourly fees.

** Depending on the number of PCs connected to the host via PC-Interface, a corresponding number of PC software packages must be ordered.

PRIME EXL 316 SOFTWARE (Continued)

| Product Number | Description | US List Price | Maintenance* | | | Prereqs/ Comments |
			Std Svc	LUS Fee	Plnd Sppt	
RM/COBOL 85 for the PRIME EXL 316 (Continued)						
8541L-P	RM/COBOL-85 Run-time only COBOL for the PRIME EXL 316 extra charge for on-site support	$500	$ 8	$ 6	120	PRIME EXL 316 system, 1 modem per site
BASIC						
85203- E3-P	Thoroughbred BASIC, for the PRIME EXL 316 system, extra charge for on-site support	1,395	25	10	120	PRIME EXL 316 system, 1 modem per site
85203- E4-P	IDOL, DBMS, for Thoroughbred BASIC Applications on PRIME EXL 316 systems, extra charge for on-site support	995	15	6	120	PRIME EXL 316 system, 1 modem per site, 85203-E3-P
85203- E5-P	Thoroughbred REPORT writer for Thorough- bred BASIC applications on PRIME EXL 316 systems, extra charge for on-site support	995	15	6	120	PRIME EXL 316 system, 1 modem per site, 85203-E3-P

* The maintenance fees for Standard Service and License Update Service are monthly fees, and the maintenance fees for Planned Support are hourly fees.

PRIME EXL 316 SOFTWARE (Continued)

Product Number	Description	US List Price	Maintenance*			Prereqs/ Comments
			Std Svc	LUS Fee	Plnd Sppt	

C, FORTRAN and PASCAL on the PRIME EXL 316 SYSTEM

Product Number	Description	US List Price	Std Svc	LUS Fee	Plnd Sppt	Prereqs/ Comments
8539E-P	SVS C Compiler for EXL 316 system	$1,000	$20	$ 8	120	PRIME EXL 316 PRIME system
8510E-P	SVS FORTRAN for PRIME EXL 316 system	1,000	17	6	120	PRIME EXL 316 system
8522E-P	SVS Pascal for PRIME 316 system	1,000	17	8	120	PRIME EXL 316 EXL system
EXL85-P	Interactive Debugger	300	10	4	120	8539E-P, 8510E-P, or 8522E-P

INned, TEN/PLUS, INMAIL and INNET for the PRIME EXL 316

Product Number	Description	US List Price	Std Svc	LUS Fee	Plnd Sppt	Prereqs/ Comments
EXL13-P	INned, TEN/PLUS advanced text editor	900	18	12	120	PRIME EXL 316 system, 1 modem per site
EXL14-P	Inmail and INnet, TEN/PLUS networked electronic mail system	600	14	10	120	PRIME EXL 316 system, 1 modem per site

* The maintenance fees for Standard Service and License Update Service are
  monthly fees, and the maintenance fees for Planned Support are hourly fees.

PRIME EXL 316 SOFTWARE (Continued)

Product Number	Description	US List Price	Maintenance*			Prereqs
			Std** Svc	LUS Fee	Plnd Sppt	

PRIME ORACLE on the PRIME EXL 316

Product Number	Description	US List Price	Std** Svc	LUS Fee	Plnd Sppt	Prereqs
9010-EXL-P	Prime ORACLE Base Product for PRIME EXL 316 system	$5,000	$60	$25	$120	
9010-EXL-PS	Prime ORACLE Base Product Subsequent license for PRIME EXL 316 system	2,500	60	25	120	
9011-EXL-P	Prime ORACLE SQL* Forms for PRIME EXL 316 system	1,000	25	10	120	
9011-EXL-PS	Prime ORACLE SQL*Forms Subsequent License for PRIME EXL 316 system	500	25	10	120	

* The maintenance fees for Standard Service and License Update Service are monthly fees, and the maintenance fees for Planned Support are hourly fees.

** No on-site support available

PRIME EXL 316 SOFTWARE (Continued)

Product Number	Description	US List Price	Maintenance*			Prereqs
			Std** Svc	LUS Fee	Plnd Sppt	
GKS						
86600-EXL-P	GKS Development license for the PRIME EXL 316 includes: GKS software, core package of device drivers, GKS Users Guide, GKS Reference Manual: FORTRAN 77 Binding, GKS Reference Manual: C Binding, and GKS Installation Guide	$1,250	$40	$19	$120	PRIME EXL 316 system, 1 modem per site
86601-EXL-P	GKS Run-time license for the PRIME EXL 316 includes: GKS software, GKS Installation Guide	500	15	8	120	PRIME EXL 316 system, 1 modem per site

* The maintenance fees for Standard Service and License Update Service are monthly fees, and the maintenance fees for Planned Support are hourly fees.

** No on-site support available

PRIME EXL 316 SOFTWARE (Continued)

Product Number	Description	US List Price	Maintenance*			Prereqs
			Std Svc	LUS Fee	Plnd Sppt	

MERGE/386

EXL11	MERGE/386 software with U.S. MS-DOS license, extra charge for on-site support	$1,800	$30**	$15	$120	EXL316-XX system, 1 modem per site

UNIPLEX-II PLUS

9420US-E-P	Uniplex-II Plus/ Basic with 1 set of documentation: Tutorial, Reference Guide and Configuration Manual	3,100	25	11	120	PRIME EXL 316 system
9421US-E-P	Uniplex-II Plus/ Complete with 1 set of documentation: Tutorial, Reference Guide and Configuration Manual	4,200	35	18	120	PRIME EXL 316 system
CR9420US-E-P	Credit for Uniplex-II Plus/Basic package	3,000	N/A	N/A	N/A	9420US-E-P

* The maintenance fees for Standard Service and License Update Service are monthly fees, and the maintenance fees for Planned Support are hourly fees.

** No on-site support available

August, 1987

SECTION 9

SYSTEM, MEMORY, COMMUNICATIONS AND CONTROLLER UPGRADES
TABLE OF CONTENTS

FOR INTERNAL USE ONLY

SECTION 9

SYSTEM, MEMORY, COMMUNICATIONS AND CONTROLLER UPGRADES

SYSTEM UPGRADES

Definition of terms used in this policy:

Upgrade List Price   List price of equipment upgrading to
                              (UGXXXX Product Numbers)

System Trade-In Credit   Trade-in credit for returned equipment
                              (CRXXXX Product Numbers)

Net Upgrade Price   Upgrade List Price minus System
                              Trade-In Credit

General Information

Upgrades are available at any time after the system (or subsequent upgrade)
installation date.

Trade-in credits may be applied only to systems, memory, or communications
and controlllers sold by Prime or its authorized resellers.

Systems under a Prime Maintenance Agreement may be upgraded at any time,
regardless of the date of original installation. For systems not under Prime
maintenance, see Customer Service about inspection and certification of
maintainable equipment.

All equipment identified as returned equipment must be returned to Prime,
regardless of the amount of Trade-in Credit given.

All upgrade contracts and sales orders must include a UGXXXX Product Number and
a corresponding CRXXXX Product Number, even when the trade-in credit is zero.

Additional expansion memory or peripherals should be ordered as separate line
items on the sales order.

Refurbished equipment may be upgraded, although the trade-in credit is always
zero.

Memory, 2250, 2350, 2450 and 2455 peripherals, when not compatible with the
system being upgraded to, may be returned for credit.

Returns

All system upgrades must include the return of the upgraded CPU with the exception of the 6350 to 6550 upgrades. When no trade-in credit is allowed, the product number (CRXXXX) for the trade-in equipment must appear on the sales order at zero dollars. This is for tracking purposes.

All items identified as part of the returned system must be returned to Prime, at customer's expense, within 60 days of the upgrade installation or the upgrade. This returned system rule applies to all upgrades and cannot be waived, even if a zero (0) system trade-in credit is given on the returning items.

Configuration Rules

All CPU upgrades must result in a final configuration consisting of the following:

o   CPU: 2450, 2455, 2755, 9755, 9955 II, 6350 or 6550

o   50 Series PRIMOS operating system

o   Minimum maintainable memory per system:

2450	2MB
2455	4MB
2755	4MB
9755	4MB
9955 II	4MB
6350	8MB
6550	8MB

o   First disk drive and controller are required.

o   Only MMW1-4MB memory boards can be used on the 2755.

o   Only MMW1 memory boards in 2MB and 4MB sizes can be used on the 2350 and 2450.

o   Only MMW2 memory boards can be used on the 9755 and 9955 II.

o   Only MMW3 memory boards can be used on the 6350 and 6550.

Allowable Upgrades

Allowable system upgrades are marked by an 'x' in the following chart.

UPGRADE FROM	UPGRADE TO						
	2450	2455	2755	9755	9955 II	6350	6550
100 SERIES			X	X	X	X	X
300			X	X	X	X	X
350			X	X	X	X	X
400			X	X	X	X	X
500			X	X	X	X	X
OLD 50 SERIES							
150			X	X	X	X	X
150-11			X	X	X	X	X
250			X	X	X	X	X
250-II			X	X	X	X	X
250F			X	X	X	X	X
450			X	X	X	X	X
450-II			X	X	X	X	X
450F			X	X	X	X	X
550			X	X	X	X	X
550-II			X	X	X	X	X
550F			X	X	X	X	X
650				X	X	X	X
750				X	X	X	X
750F				X	X	X	X
850				X	X	X	X
850F				X	X	X	X
NEW 50 SERIES							
2000 SERIES							
2250	X	X	X	X	X	X	X
2350	X	X	X	X	X	X	X
2450		X	X	X	X	X	X
2455			X	X	X	X	X
2550			X	X	X	X	X
2655			X	X	X	X	X
2755				X	X	X	X
9000 SERIES							
9650				X	X	X	X
9655				X	X	X	X
9750				X	X	X	X
9755					X	X	X
9950					X	X	X
9955					X	X	X
9955 II						X	X
6000 SERIES							
6350							X

PRIMOS OPERATING SYSTEM-BASED CREDITS AND UPGRADES

Upgrade List Prices

The Upgrade List Price less the allowable System Trade-in Credit for the returned system determines the Net Upgrade Price for the upgrade. As the System Trade-In Credit decreases, the Net Upgrade price will increase.

All in-cabinet upgrades must include a line item on the sales order showing CRXXXX for the returning CPU board set. All upgrades to the 2755 must be preceded by a site inspection.

Refer to Section 10 for upgrade installation charges.

Product Number	Description	US List Price	Prerequisite
UG2450-040	Upgrade from 2250 to 2450: Includes standard 2450 CPU with 4MB ECC MOS memory (MMW1-4MBW) 258MB disk, 60MB cartridge tape disk/ tape controller. ICS3 with 4 async lines and modem	$45,860	PRIMOS Rev 20.2.2
UG2455-234	Upgrade from 2250, 2350 or 2450 system. Includes standard 2455 system with 3-disk cabinet, 4MB ECC MOS memory (1 board) 258MB Winchester disk, 60MB cartridge tape, disk/tape controller, ICS3 with 4 async lines and diagnostic modem	62,110	U.S. only
UG2755	Upgrade to 2755: Includes 2755 CPU, diagnostic processor, cabinet and chassis	54,000	PRIMOS Rev 20.2.1
UG2755-23	Upgrade from a 2250, 2350 or 2450 to a 2755: Includes 2755 CPU, diagnostic processor, one 496MB FMD with an intelligent disk controller, streaming magnetic tape subsystem, system cabinet and peripheral cabinet	88,100	2250, 2350 or 2450 system, PRIMOS Rev 20.2.1
UG2755-23H	Upgrade from 2250, 2350 or 2450 to a 2755: Includes 2755 CPU, diagnostic processor, one 496MB FMD with an intelligent disk controller, streaming magnetic tape subsystem, system cabinet and 7730H peripheral cabinet	88,100	2250, 2350 or 2450 system, PRIMOS Rev 20.2.1

Product Number	Description	US List Price	Prerequisite
UG9755	Upgrade to 9755, includes 9755 CPU, diagnostic processor, cabinet, and chassis.	197,000	PRIMOS Rev 19.4.9
UG9955M2	Upgrade to 9955II; includes 9955II CPU, diagnostic processor, cabinet, and chassis.	333,000	PRIMOS Rev 20.0 or later
UG6350*	Upgrade to a 6350, includes 6350 CPU, diagnostic processor, cabinet, chassis, and power supplies	480,000	PRIMOS Rev 20.2.3
UG6350-2*	Upgrade to a 6350 includes 6350 CPU, diagnostic processor, cabinet, chassis, power supplies, and 32MB of ECC MOS memory (4 boards)	512,000	PRIMOS Rev 20.2.3
UG6550*	Upgrade to a 6550, includes 6550 CPU, diagnostic processor, cabinet, chassis, and power supplies	735,000	PRIMOS Rev 21.0
UG6550-2*	Upgrade to a 6550 includes 6550 CPU, diagnostic processor, cabinet, chassis, power supplies, and 32MB of ECC MOS memory (4 boards)	767,000	PRIMOS Rev 21.0
UG6550-63	Upgrade to a 6550 from a 6350. Includes an additional CPU to upgrade a uni-processor 6350 to a dual processor 6550.	255,000	PRIMOS Rev 21.0

* MAY REQUIRE CABLE KITS FOR CONTROLLERS MOVED TO THE UPGRADED SYSTEM

Product Number	Description	US List Price	Prerequisite
In-Cabinet Upgrades			
UG2450-23	Upgrade from 2350 to 2450. Customer receives 2450 CPU	$ 19,900	2350 System; CR2350
UG2755-25	Upgrade from a 2550 to 2755: includes a 2755 CPU and power supply	26,000	2550 system, PRIMOS Rev 20.2.1
UG2755-26	Upgrade from a 2655 to 2755: CPU only	23,500	2655 system, PRIMOS Rev 20.2.1
UG9755-CAB	Upgrade to 9755 from 9750, includes 9755 CPU	75,000	PRIMOS Rev 19.4.9
UG95M2-70	Upgrade to 9955 II from 9750, includes a 9955 II CPU.	199,000	PRIMOS Rev 20.0.2
UG95M2-75	Upgrade to 9955 II from 9755, includes a 9955 II CPU.	149,000	PRIMOS Rev 20.0.2
UG95M2-90	Upgrade to 9955 II from 9950, includes a 9955 II CPU.	104,000	PRIMOS Rev 20.0.2
UG95M2-95	Upgrade to 9955 II from 9955, includes a 9955 II CPU.	75,000	PRIMOS Rev 20.0.2

System Trade-In Credits

The percentage of trade-in credit allowed for the upgraded system depends on the age of the system. After four years from the date of original installation, system upgrades are still allowed, although no trade-in credit is given for the returned equipment. This policy permits systems beyond four years of age to be upgraded to a more powerful CPU, without having to purchase a system package with additional memory and peripherals.

Time from System Installation	% of Trade-in Credit Allowed
Less than 1 year	100% of Trade-in Credit
1 - 2 years	75% of Trade-in Credit
2 - 3 years	50% of Trade-in Credit
3 - 4 years	25% of Trade-in Credit
Over 4 years	Zero (0) Trade-in Credit

FCC-type cabinets and older CPU cabinets are now combined under a single credit Product Number. Multiply the Trade-in Credit times the allowable percentage before deducting from the Upgrade List Price.

System Trade-In Credits for 100 Series sytems

Product Number	Description	Trade-In Credit
CR300	Credit for 300. Returned equipment includes 300 CPU, control panel, SOC board, cabinet and chassis.	$12,000
CR350	Credit for 350. Returned equipment includes 350 CPU, control panel, SOC board, cabinet and chassis	14,000
CR400	Credit for 400. Returned equipment includes 400 CPU, control panel, SOC board, cabinet and chassis.	17,000
CR500	Credit for 500. Returned equipment includes 500 CPU, control panel, SOC board, cabinet and chassis.	22,000

NOTES: o Cabinet and chassis includes standard internal power supplies, power distribution units, etc.

o For returned I500 systems, use CR350; I1000 systems use CR400; and for I5000 systems use CR750.

System Trade-In Credits for Old 50 Series systems and I Series systems

Product Number	Description	Trade-In Credit
CR250	Credit for 150 or 250. Returned equipment includes 150 or 250 CPU, VCP, cabinet and chassis.	$17,000
CR250-II	Credit for 150-II, 250F, or 250-II upgraded to a 2655. Returned equipment includes a 150-II or 250-II CPU, VCP, cabinet & chassis.	20,000
CR250-IIC	Credit for 150-II, 250F, or 250-II upgraded to a Computer Room system. Returned equipment includes 150-II or 250-II CPU, VCP, cabinet and chassis.	30,000
CR450	Credit for 450. Returned equipment includes 450 CPU, VCP, cabinet and chassis.	20,000
CR450-II	Credit for 450F or 450-II upgraded to a 9655. Returned equipment includes 450-II CPU, VCP, cabinet and chassis.	41,000

NOTES: o Cabinet and chassis includes standard internal power supplies, power distribution units, etc.

   o For returned I500 systems, use CR350; I1000 systems use CR400; and for I5000 systems use CR750.

August, 1987

System Trade-In Credits for Old 50 Series systems and I Series systems (Cnt'd)

Product Number	Description	Trade-In Credit
CR450-26	Credit for 450F or 450-II upgraded to a 2655. Returned equipment includes 450-II CPU, VPC, cabinet and Chassis.	$23,000
CR450-IIE	Credit for 450F or 450-II upgraded to an ECL system (9755, 9955 II). Returned equipment includes 450-II CPU, VCP, cabinet & chassis.	82,000
CR550	Credit for 550. Returned equipment includes 550 CPU, VCP, cabinet and chassis.	21,000
CR550-26	Credit for a 550F or 550-II upgraded to a 2655. Returned equipment includes 550-II CPU, VPC, cabinet and chassis.	23,000
CR550-IIE	Credit for 550F or 550-II upgraded to an ECL system (9755, 9955 II). Returned equipment includes 550-II CPU, VCP, cabinet and chassis.	82,000
CR650E	Credit for 650 upgraded to an ECL system (9755, or larger). Returned equipment includes 650 CPU, VCP, cabinet & chassis.	82,000

NOTES: o Cabinet and chassis includes standard internal power supplies, power distribution units, etc.

o For returned I500 systems, use CR350; I1000 systems use CR400; and

for I5000 systems use CR750.

System Trade-In Credits for Old 50 Series systems and I Series systems (Cnt'd)

Product Number	Description	Trade-In Credit
CR750	Credit for 750 or 750F upgraded to 9755. Returned equipment includes 750 CPU, VCP, cabinet and chassis.	$100,000
CR750S	Credit for 750 or 750F upgraded to 9955 II. Returned equipment includes 750 CPU, VCP, cabinet (can be FCC) and chassis.	150,000
CR850	Credit for 850 or 850F. Returned equipment includes 850 CPU, VCP, cabinet and chassis.	161,000
CR850-97	Credit for an 850 or 850F upgraded to a 9755. Returned equipment includes 850 CPU, VCP, cabinet and chassis.	97,000

NOTES: o Cabinet and chassis includes standard internal power supplies, power distribution units, etc.

 o For returned I500 systems, use CR350; I1000 systems use CR400; and for I5000 systems use CR750.

System Trade-In Credits for new 50 Series systems (2000 and 9000 Series)

Product Number	Description	Trade-In Credit
CR2250-24	Credit for 2250 upgraded to a 2450. Returned equipment includes 2250 CPU, cabinet and chassis.	$ 6,000
CR2250	Credit for 2250 upgraded to a 2655, 9655, 9755, 9955 II. Returned equipment includes 2250 CPU, Diagnostic Processor, cabinet and chassis.	12,000
CR2350	Credit for returned 2350 CPU, cabinet, power supply, and diagnostic processor when upgrading to a 2755	10,000
CR2350E	Credit for returned 2350 CPU, cabinet, power supply, and diagnostic processor when upgrading to a 9755 or 9955 II	20,000
CR2450	Credit for returned 2450 CPU, cabinet, power supply, and diagnostic processor when upgrading to a 2755	14,000
CR2450E	Credit for returned 2450 CPU, cabinet, power supply, and diagnostic processor when upgrading to a 9755 or larger.	28,000

NOTES: o Cabinet and chassis includes standard internal power supplies, power distribution units, etc.

o For returned I500 systems, use CR350; I1000 systems use CR400; and for I5000 systems use CR750.

System Trade-In Credits for new 50 Series systems (2000 and 9000 Series Cnt'd)

Product Number	Description	Trade-in Credit
CR2550E	Credit for 2550 upgraded to an ECL system (9755, or larger). Returned equipment includes 2550 CPU, Diagnostic Processor, 2550 system cabinet and chassis.	62,000
CR2655E	Credit for 2655 upgraded to an ECL system (9755, or larger). Returned equipment includes a 2655 CPU, Diagnostic Processor, system cabinet, and chassis.	62,000
CR2755	Credit for a 2755 upgraded to an ECL system (9755, 9955 II). Returned equipment includes 2755 CPU, Diagnostic processor system cabinet and chassis	66,000
CR9650	Credit for 9650. Returned equipment includes 9650 CPU, Diagnostic Processor, FCC cabinet and chassis.	60,000

NOTES: o Cabinet and chassis includes standard internal power supplies, power distribution units, etc.

o For returned I500 systems, use CR350; I1000 systems use CR400; and for I5000 systems use CR750.

System Trade-In Credits for new 50 Series systems (2000 and 9000 Series Cnt'd)

Credit Model Number	Description	Credit Amount
CR9655	Credit for 9655. Returned equipment includes 9655 CPU, cabinet and chassis, diagnostic Processor, FCC cabinet and chassis.	60,000
CR9750-CAB	Returned equipment for in-cabinet upgrade. Includes 9750 CPU.	0
CR9755-CAB	Returned equipment for in-cabinet upgrade. Includes 9755 CPU.	0
CR9950-CAB	Returned equipment for in-cabinet upgrade. Includes 9950 CPU.	0
CR9955-CAB	Returned equipment for in-cabinet upgrade. Includes 9955 CPU.	0
CR9750-6	Credit for a 9750 upgrade to a 6350 or 6550 system. Returned equipment includes 9750 CPU, diagnostic processor, cabinet and chassis	105,000
CR9755-6	Credit for a 9755 upgrade to a 6350 or 6550 system. Returned equipment includes 9755 CPU, diagnostic processor, cabinet and chassis	115,000
CR9950-6	Credit for a 9950 upgrade to a 6350 or 6550 system. Returned equipment includes 9950 CPU, diagnostic processor, cabinet and chassis	115,000
CR9955-6	Credit for a 9955 upgrade to a 6350 or 6550 system. Returned equipment includes 9955 CPU, diagnostic processor, cabinet and chassis	175,000
CR9955M2-6	Credit for a 9955 II upgrade to a 6350 or 6550 system. Returned equipment includes 9955 II CPU, diagnostic processor, cabinet and chassis	215,000

In-Cabinet System Trade-In Credits

Product Number	Description	Trade-In Credit
CR2350-CAB	Credit for returned 2350 CPU when upgrading to 2450.	0
CR2550-CAB	Returned equipment for in-cabinet upgrade. Includes 2550 CPU board set and power supply.	0
CR2655-CAB	Credit for a 2655 upgraded to a 2755 in-cabinet.	0

NOTES: o Cabinet and chassis includes standard internal power supplies, power distribution units, etc.

     o For returned I500 systems, use CR350; I1000 systems use CR400; and for I5000 systems use CR750.

Memory Trade-in Credits

Memory sold by Prime or its authorized resellers may be traded-in for credit when purchasing additional memory in only the following three cases:

1. System upgrades with incompatible memory, i.e., upgrade of a TTL system to an ECL system or MMW2 to MMW3 memory.

2. Memory expansion beyond remaining available slots in chassis or memory extenders (if any).

3. Upgrading a lower density, single memory board for a higher density memory board on a one-for-one trade-in basis only.

MEMORY UPGRADE POLICY

If memory on the original system is incompatible with the new system, new memory should be ordered and old memory traded-in for credit. The following rules apply:

a. The total megabytes of memory ordered must be at least as much as the total megabytes memory traded in for credit.

b. Final memory configuration must meet minimum maintainable memory per system.

c. Include memory trade-in credits and additional memory as line items on system upgrade contracts and sales order.

d. Memory must be returned to Prime within 60 days of upgrade installation.

MEMORY EXPANSION POLICY

General

Memory Extenders cannot be used on a system with MMW1 (E7, E8, or E9) memory boards.

Customer Service must review and approve all memory expansion orders prior to submitting to customer.

Customers can only return as much MMI (E4) and MMW (E6) memory as is required to install the expansion memory, in accordance with the rules stated below. In all cases, trade-in is only applicable if the customer is buying at least one (1) additional megabyte of memory.

Existing Systems Without a Memory Extender

Customers will only be allowed to trade-in MMI (E4) or MMW (E6) memory if they are buying at least one (1) additional megabyte of MMW1 (E7, E8, E9) memory, and if that additional memory will not fit in the available eight (8) slots of the main cabinet.

Existing Systems With One (1) or Two (2) Memory Extenders

If an existing system with one (1) or two (2) memory extenders can be expanded without going to another memory extender, MMI or MMW (E4 or E6) boards only may be ordered for expansion. Trade-in is not applicable in this case.

If the system cannot be expanded without going to an additional memory extender, the MMI or MMW (E4 or E6) and all memory extenders and extender cabinets must be traded-in for MMW1 (E7, E8, E9) memory.

Existing Systems With Three (3) Memory Extenders

Existing systems with three (3) memory extenders should not be expanded by adding additional MMI or MMW (E4 or E6) boards. MMI or MMW (E4 or E6) memory and all memory extenders and extender cabinets must be traded in for MMWI (E7, E8, E9) memory.

Memory Trade-in Credits

Product Number	Description	Trade-In Credit
CRMMW-1MB	(4) 256K Wide-Word Memory Boards	$ 800
CRMMW-HMB	(2) 256K Wide-Word Memory Boards	400
CRMMW-QMB	(1) 256K Wide-Word Memory Board	200
CRMMI-1MB	(4) 256K Wide-Word Memory Boards	800
CRMMI-HMB	(2) 256K Wide-Word Memory Boards	400
CRMMI-QMB	(1) 256K Wide-Word Memory Boards	200
CRMWE-1MC	(4) 256K Wide Word Boards, Memory Extender and Cabinet	1,800
CRMWE-HMC	(2) 256K Wide Word Boards, Memory Extender and Cabinet	1,400
CRMWE-1MB	(4) 256K Wide Word Boards and Memory Extender	1,800
CRMWE-HMB	(2) 256K Wide Word Boards and Memory Extender	1,400
CRMME-1MC	(4) 256K Non-Wide-Word Boards, Memory Extender and Cabinet	1,800
CRMME-HMC	(2) 256K Non-Wide-Word Boards, Memory Extender and Cabinet	1,400
CRMME-1MB	(4) 256K Non-Wide-Word Boards, Memory Extender	1 800
CRMME-HMB	(2) 256K Non-Wide-Word Boards Memory Extender	1,400
CRMMW1-HMB	(1) 512K Wide-Word Memory Board	500
CRMMW1-E9	(1) 1024K Wide-Word Memory Board (E-9)	1,000
CRMMW1-1MB	(1) 1024K Wide-Word Memory Board (E-8)	1,000
CRMMW1-2MB	(1) 2048K Wide-Word Memory Board	1,800
CRMMW1-4MB	(1) 4096K Wide-Word Memory Board	2,600
CRMMW2-2MB	(1) 2048KB Wide-Word Memory Board (for ECL systems)	2,000
CRMMW2-4MB	(1) 4096K Wide-word memory board	3,000
CRMMW2-8MB	(1) 8192K Wide-word memory board	5,000

PERIPHERAL TRADE-IN CREDITS

Product Number	Description	Trade-In Credit

Storage Module Controller

CR4004	Storage Module Controller	$ 3,000

Cabinets

The 2250 cabinet credits listed in this section apply only when a 2250 is upgraded to a 2755, 9755, 9955 II, 6350 and 6550. Please refer to the section 2250-2450 Upgrade when calculating credits for that specific upgrade.

CR7520	Peripheral Cabinet (old style)	$ 400
CR7502-903	2250 Expansion Cabinet	1,000
CR7560-2250	2250 Desktop	500

2250 Peripherals Credits

Streaming tape units and other peripherals (i.e., printers) are compatible with all 50 Series system units and therefore, not eligible for return. 2250 peripheral trade-in credits decrease by 50% each year to 0% credit in year 3, when upgrading from a 2250 to the 2755, 9755, 9955 II, 6350 and the 6550. The following peripheral credits apply when a 2250 is upgraded to a 2755, 9755, 9955 II, 6350 and 6550. Please refer to the section 2250-2450 Upgrade when calculating peripheral credits in a 2250 to 2450 upgrade.

CR4642-2250	68MB Disk Drive	$ 4,000
CR4652-2250	158MB Disk Drive	6,000
CR4651-2250	15MB Cartridge Tape Drive	2,000
CR7561-2250	Power Conditioning Unit	750
CR2047-905	2250 Disk/Tape Controller (DTC)	1,000
CR7502-24	2250 expansion cabinet	250
CR7560-24	2250 desktop	125
CR4642-24	68MB disk drive	1,000
CR4652-24	158MB disk drive	1,500
CR4651-24	15MB cartridge tape drive	750
CR2047-24	2250 disk/tape controller	500

Date from Installation	% of Peripheral Trade-in Credit
Up to 1 year	100% of Trade-in Credit
1 - 2 years	50% of Trade-in Credit
2 or more years	Zero (0) Trade-in Credit

PERIPHERAL TRADE-IN CREDITS (Continued)

2250 TO 2450 UPGRADE

The following 2250 credits apply ONLY to the upgrade of a 2250 system to a 2450 system. All existing 2250 credits and upgrade policies that are listed in the Price Book still apply when a customer upgrades a 2250 to a 2755, 9755 or a 9955 II, 6350 and 6550 system.

Streaming tape units and other peripherals (i.e., printers, plotters) are compatible with all 50 Series system units and therefore, are not eligible for return. 2250 to 2450 peripheral trade-in credits decrease by 25% per year to 0% credit in year 5. Please calculate credits using the following table of percentages. (Percentages apply to the returned CPU, peripherals, and communications controllers):

Time form System Installation	% of Trade-in Credit Allowed
Less than 1 year	100% of Trade-in Credit
1 - 2 years	75% of Trade-in Credit
2 - 3 years	50% of Trade-in Credit
3 - 4 years	25% of Trade-in Credit
Over 4 years	Zero (0) Trade-in Credit

The 2250 CPU, cabinet, disk(s), cartridge tape unit, disk/tape controller, and memory (1/2MB and 1MB) must be returned for credit at the time of upgrade.

Credits have been established for the return of the customer's communication controllers since the 2450 upgrade package includes an ICS3 communications subsystem. If the customer chooses to retain the ICS1, MDLC, and PNC, there are cable kits listed on page 9-17 which must be ordered and that provide the proper internal cables and connectors for the 2450 cabinet. The customer must return the AMLC for credit.

Memory trade-in credits are the same as those stated in the current Price Book. All 1/2MB and 1MB memory boards must be returned for credit. They cannot be configured on the 2450.

Peripheral Trade-in Credits 2250 to 2450 Upgrade

Product Number	Description	Trade-in Credit	Prerequisites
2250 Peripherals			
CR7502-24	2250 expansion cabinet	$ 250	UG2450-225
CR7560-24	2250 desktop	125	UG2450-225
CR4642-24	68MB disk drive	1,000	UG2450-225
CR4652-24	158MB disk drive	1,500	UG2450-225
CR4651-24	15MB cartridge tape drive	750	UG2450-225
CR2047-24	2250 disk/tape controller	500	UG2450-225

PERIPHERAL TRADE-IN CREDITS - 2250 TO 2450 UPGRADE (Continued)

Product Number	Description	Trade-in Credit	Prerequisites
Communications Controllers			
CR5154	AMLC (5154-2250, 5174-2250, 5175-2250)	$ 780	N/A
CR5181	ICS1 (5181-2250)	656	N/A
CR5602*	MDLC (5602-2250, 5604-2250)	825	N/A
CR5730CC	Credit for a 5730T card cage	500	N/A
CRCLAC304	Credit for a CLAC304	90	N/A
CRCLAC602	Credit for a CLAC602	220	N/A
CRCLAC622	Credit for a CLAC622	330	N/A

* This credit includes credit for all protocol options configured with the MDLC

CABLE KITS FOR 2450

When the customer wants to retain and configure an ICS1, MDLC, streamer tape controller, and/or PNC on a 2450, the following cable kits are available to provide the proper bulkhead connectors and cables with connectors. Credits have been established for the return of ICS1, AMLC, and MDLC controllers, if the customer desires to retain only the ICS3 subsystem. In all cases, the AMLC must be returned for credit since an ICS3, ICS1, and AMLC cannot be configured together.

Product Number	Description	US List Price
KIT10099-001	Internal cable kit for ICS1 with 2450	$ 605
KIT10100-001	Internal cable kit with new junction box for PNC with 2450	555
KIT10103-001	Internal cable kit for MDLC with 2450	195
KIT10097-001	Internal cable kit for 1/2" streamer tape controller for 2450	355

2350 & 2450 Peripherals

The 2350 and 2450 peripherals are eligible for trade-in credit. Upgrades from a 2350 or 2450 system to a larger system require the return (for credit) of 60MB and 120MB disks, disk/tape controller, and 60MB cartridge tape unit.

CR4711	60MB Winchester Disk	$1,200
CR4715	120MB Winchester Disk	1,600
CR4719	258MB Winchester Disk	2,528
CR2382	Disk/Tape Controller	500
CR10031	60MB Cartridge Tape Unit	865

The chart below shows the percentage of trade-in credit allowed on 2350 and 2450 peripherals based on the age of the system at the time of upgrade.

Duration of Trade-in Credit	% of Peripheral Installation
Less than 1 year	100%
1 -2 years	75%
2 -3 years	50%
3 -4 years	25%
Over 4 years	0%

COMMUNICATIONS UPGRADES AND CREDITS

Listed on the following pages are the Communications Upgrade Packages, their descriptions, and U.S. List Prices. (In all cases, maintenance pricing is that of the "destination" controller, i.e., maintenance prices are the same as if the controller were purchased alone.)

Whenever ordering an upgrade, be sure to use the correct Product Number, as determined by the system in which the new controller will be used. If you specify a Product Number with no suffix (ie: UA481) this will be interpreted to mean the controller is for an OLD 50 Series cabinet (non-FCC compliant); a Product Number with the 'F' suffix (ie: UA481F) means that the new controller is for a NEW (FCC compliant cabinet); and a Product Number with the '-2250' suffix (ie: UA481-2250) means the new controller is to be used in a 2250 system. Communications upgrades ('L' suffix product numbers) are not available for 2250 systems.

Product Number	Upgrade Package Description	US List Price
Upgrades to the ICS1		
UA281 UA281F UA281-2250	Return: 1 ea. 8 line AMLC (P/N 5152) Receive: 1 ea. 5181 ICS1	$ 3,700
UA481 UA481F UA481-2250	Return: 1 ea. 16 line AMLC (P/N 5154, 5174, or 5175) Receive: 1 ea. 5181 ICS1	3,400

Upgrades to the ICS3

Product Number	Description	US List Price	Maintenance Pref	Basic	Prereq/ Comments
UG5725	Upgrades an ICS2 to an ICS3 Model 5725	$ 4,500	*	*	ICS2 subsystem

* The UG5725 converts the ICS2 to an ICS3 5725. If CLACs have already been packaged with the ICS2 subsystem (e.g., 5242 or 5722), the maintenance prices for these CLACs must be accounted for separately. Start with the maintenance price for the 5725 ($72 Preferred/$58 Basic - includes no CLACs) and add the maintenance costs of any CLACs resident in the subsytem.

2250 CPU UPGRADE FOR THE ICS3

Product Number	Upgrade Package Description	Package Price	Prerequisite	
UG2282-902	Version of the 2250 CPU which supports ICS3 Model 5725	$1,000	N/A	5725-2250
CR2282-901	Credit for returning the CPU board replaced by UG2282-902. Returned equipment includes the 2282-901 2250 CPU board	1,000	N/A	5725-2250
CR5154	AMLC	780		
CR5181	ICS1	656		
CR5602*	MDLC (5602-2250, 5604-2250)	825		

* This credit includes credit for all protocol options configured w/ the MDLC When applying credits above to the purchase of an ICS3, the amount of cedit allowed is dependent upon the date of purchase of trade-in equipment. Trade-in amounts as follows:

Time form System Installation	% of Trade-in Credit Allowed
Less than 1 year	100% of Trade-in Credit
1 - 2 years	75% of Trade-in Credit
2 - 3 years	50% of Trade-in Credit
3 - 4 years	25% of Trade-in Credit
Over 4 years	Zero (0) Trade-in Credit

The following credits apply to UG5725 without respect to the date of purchase:

Product Number	Upgrade Package Description	Package Price	Prerequisite
CR5242	Credit for an ICS2 async-only main controller board	1,000	ICS3 Model 5242
CR5720	Credit for an ICS2 sync-capable main controller board	2,500	ICS2 Model 5720 or 5722

STREAMING MAGNETIC TAPE DRIVES

Upgrades from Office Systems to Computer Room Systems

No trade-in credit is given for streaming magnetic tape subsystems in office system peripheral cabinets when upgrading to computer room systems.

Two (2) each of CBL 6116-902 are required when connecting the streaming magnetic tape subsystem in the office system peripheral cabinet to the controller in the mainframe cabinet. Price information regarding this cable is as follows:

CBL6116-902   Cable, bulkhead $ 200   N/A   N/A

Cable Kits for Upgrades to 6350 and 6550 Systems

Product Number	Description	US List Price

Cable Kits for Disk Controllers

KIT4005-1	Cable kit for 4005 disk controller to attach the first disk device	$150
KIT4005-2	Cable kit for 4005 disk controller to attach subsequent devices	50
KIT6580-1	Cable kit for 6580 intelligent disk controller to attach the first device	150
KIT6580-2	Cable kit for 6580 intelligent disk controller to attach subsequent devices	50

Cable Kits for Magnetic Tape Drive Controllers

KIT4590	Cable kit for the Model 4590, 800/1600/ 6250 BPI, 50 IPS GCR tape controller	200
KIT4520	Cable kit for the Model 4520, 9 track, 800/1600 BPI, 75IPS, tape controller	200
KIT4560	Cable kit for the Model 4560, streaming tape drive controller	200
KIT4581	Cable kit for the Model 4581, 15MB cartridge tape drive controller	100
KIT4585	Cable kit for the Model 4585, streaming cartridge tape drive controller with QIC-02 interface	50

Product Number	Description	US List Price
Cable Kits for Communications Controllers		
KIT5154	Cable kit for the Model 5154 AMLC	$300
KIT5174	Cable kit for the Model 5174 AMLC	300
KIT5175	Cable kit for the Model 5175 AMLC	300
KIT5181	Cable kit for the Model 5181 ICS1	250
KIT-ICS2	Cable kit for the Model 5242 and 5270 ICS2	150
KIT-ICS3	Cable kit for the Model 5725 and 5735 ICS3	100
KIT5602	Cable kit for the Model 5602 MDLC	150
KIT5622	Cable kit for the Model 5622 MDLC	150
KIT5604	Cable kit for the Model 5604 MDLC	150
KIT5624	Cable kit for the Model 5624 MDLC	150
KIT7041	Cable kit for the Model 7041 PNC	50
KIT7042	Cable kit for the Model 7042 PNC-II	50
Cable Kits for Other 50 Series Controllers		
KIT-URC	Cable kit for the URC	100

MAINTENANCE

The monthly maintenance price will be computed on the final system configuration. Use the following CPU ONLY maintenance prices for pricing maintenance on the final system configuration. Add other peripherals and controllers at current maintenance rates for each product. Confirm these prices and configurations with local Customer Service management. These model numbers are not orderable as CPU only configurations, only as maintenance prices for upgraded systems.

| | Monthly Maintenance | |
CPU	Preferred	Basic
2350	$ 227	$ 182
2450	317	254
2755	350	280
9755	1,175	940
9955M2	1,475	1,180
6350	1,935	1,548
6550	2,778	2,222

* These maintenance charges do not include the cost of PRIMOS maintenance. See Section 11 for PRIMOS maintenance charges.

Remember, all system upgrades require a new Preferred Service or Basic Service Maintenance Agreement for the entire system.

Upgrades are valid only for currently maintained systems. For systems not currently under Prime maintenance, see Customer Service for inspection and certification information.

INSTALLATION CHARGES

Please refer to Section 11 (Customer Service) for information concerning Installation Charges.

PRICING AND ORDERING EXAMPLES

How to order

1. Determine if the desired upgrade is allowable. See matrix on Page 3 for allowable upgrades.

2. Identify the UGXXXX Product Number and Upgrade List Price for the equipment upgrading to.

3. Identify the CRXXXX Product Number and Trade-in Credit for the system upgrading from.

4. Determine the date of original equipment installation and calculate the Trade-in Credit based on the % of the credit allowed for the returned equipment (see Page 5).

5. Subtract the calculated Trade-in Credit from the Upgrade List Price to find the Net Upgrade Price.

6. If memory on a returned system is not compatible with the new system, include memory trade-in credits and additional new memory for the system. Interleaving, minimum memory requirements and final system configuration should be considered when ordering memory.

7. Add installation charges (Section 11)

8. When upgrading 2250 systems, include 2250 peripheral Trade-In Credits as needed.

9. When upgrading 2350 or 2450 systems, include 2350/2450 peripheal trade-in credit as needed.

10. Include any communications upgrades or storage module controller upgrades to burst mode capability.

11. Complete all necessary paperwork with your Regional Administrator and make sure to include all CRXXXX Product Numbers for returned equipment. Remember that the equipment must be returned to Prime within 60 days.

Example 1

Customer upgrades an FCC-compliant 850 purchased less than one (1) year ago, to a new 9955 II.

NOTE: 9955 II memory and 850 memory are not compatible

Order:	UG9955M2	$333,000	Upgrade List Price of UG9955
	CR850	(161,000)	Trade-in Credit for CR850
		$172,000	Net Upgrade Price
	(2) MMW2-2MB	$ 31,000	Two (2) 2MB boards for 9955
	(2) CRMMW1-1MB	(7,000)	Returned two (2) 1MB boards
		$196,000	Net order list price

Example 2

Customer upgrades 2250 purchased 1-1/2 years ago, to a new 2655.

Assume 2250 includes two (2) MMW1-1MB memory boards; no additional memory is required for 2655.

Order:	UG2755-23	$ 88,150	Upgrade list price of UG2755-23
	CR2250	(9,000)	Trade-In Credit for CR2250 less 25% ($12,000 x .75 = $9,000)
	CR4652-2250	(3,000)	Trade-In Credit for 158MB less 50% ($6,000 x .50 = $3,000)
	CR4651-2250	(1,000)	Trade-In Credit for cartridge tape less 50% ($2,000 x .50 = $1,000)
	CR2047-905	(500)	Trade-In Credit for DTC less 50% ($1,000 x .50 = $500)
		$ 74,600	Net order list price

Example 3

Customer upgrades a 2755 with Prime ORACLE purchased 9 months ago to a new 6350.

Order:	UG6350-2	$512,000	
	CR2755	(66,000)	Trade in credit at 100%
	CRMMW1-4MB	(2,600)	
	9010-P5	60,000	Prime ORACLE (Tier 5)
	CR9010-P2	(10,000)	Credit for Prime ORACLE (Tier 2)
		$493,400	

PRIME EXL 316 SYSTEM UPGRADES AND CREDITS

Product Number	Description	US List Price	Prerequisite

PRIME EXL 316 Memory Upgrades

Product Number	Description	US List Price	Prerequisite
UGEXL-28	Upgrade from a 2MB main memory to 8MB. 8MB CPU board is shipped assuming 2MB CPU is returned	11,500	EXL316-X, CREXL-2
UGEXL-48	Upgrade from a 4MB main memory to 8MB. 8MB CPU board shipped assuming 4MB CPU is returned	11,500	EXL316-X, CREXL-4

Memory Credits

Product Number	Description	Trade-In Credit
CREXL-2	EXL 316 CPU board with 2MB memory daughter card	2,000
CREXL-4	EXL 316 CPU board with 4MB memory daughter card	5,000

Product Description	Preferred Service	Basic Service	CSSO Service
Memory Maintenance			
2MB Memory	$25	$20	$16
4MB Memory	40	32	20
8MB Memory	65	52	40

SECTION 10

CUSTOMER SERVICE AND CUSTOMER EDUCATION
TABLE OF CONTENTS

FOR INTERNAL USE ONLY

August, 1987

SECTION 10 (Continued)

FOR INTERNAL USE ONLY

SECTION 10

CUSTOMER SERVICE AND CUSTOMER EDUCATION

1. **CUSTOMER SERVICE**

> NOTE: The Customer Service information contained in this Price Book is provided solely for informational purposes. Prime will contract directly with end-users of Prime products for product maintenance.

SERVICE OPTIONS

Hardware

> o Preferred
>
> o Basic
>
> o Deferred
>
> o Extended shift coverage
>
> o CSSO - Customer Self Service Option

Software

> o Standard
>
> o License Update Service

Policies Applicable to all Services

> o Cannot mix hardware service levels in a system. Terminals service may vary from the rest of a system.
>
> o 90 day billing waiver on designated products.
>
> o Multiple system discount, contact Customer Service for details.
>
> o Annual prepayment discount.
>
> > - If 12 months Maintenance Fee is prepaid in full within 30 days, a prepayment discount is available. Call Customer Service for quotation.

CUSTOMER SERVICE (continued)

    o Zone coverage and surcharge (applicable to Preferred, Basic and Deferred hardware service and standard software service).

Miles from Nearest Prime Field Engineering Office	Travel Premium % Surcharge *
0-100	0
101-150	+10%
151-200	+15%
201-250	+20%
251-300	+25%
301- +	+30%

* Actual travel expenses such as air fare or other transportation, local car rentals, and per diem are not included and should be billed per each event.

HARDWARE SERVICE OPTIONS*

Preferred Service

    o Principal Period of Maintenance (normal coverage hours) 7AM - 7PM, Monday through Friday
    o Guaranteed response for customers within zone radius of Prime designated Metro Service Center
        Within 25 miles - 2 hour guarantee
        26 to 100 miles - 4 hour guarantee
        101 or More   - No guarantee; average of 4 hours plus incremental travel time.
    o Guarantee includes 5% monthly invoice credit for each response not within guaranteed response time
    o Telephone access during coverage hours to the Prime Customer Support Center
    o Assignment of Customer Service Account Representative
    o Scheduled preventive maintenance as determined by Prime
    o Operating system software error corrections
    o Operating system updates and release documentation
    o Options available:
        - Multiple system discount
        - Annual prepayment discount
        - Extended coverage
        - Critical coverage
        - HAO (2250)

CONTINUAL REMEDIAL MAINTENANCE (CRM)

    Continual Remedial maintenance gives Prime customers the benefit of additional (CSR) repair time, exceeding normal coverage hours, for no charge when the following conditions exist:

    o CPU failure impairing operation or other failure which prevents operation of the system.
    o The customer has Preferred Service.
    o The CSR is on-site performing remedial maintenance and requires additional time to complete the repairs.

. * For details on Services, refer to the Customer Service Entitlement Guide.

CUSTOMER SERVICES (continued)

Example: The customer calls at 3:00 p.m. The CSR arrives at the site at 4:30 p.m. and needs 3 hours to correct the problem. The customer will not be charged for the 1/2 hour extension to the Principal Period of Maintenance (hours of coverage).

WAIVER INSTALLATION FEE FOR SYSTEM UPGRADES

Customers who have a Preferred Service Agreement in force will not be charged an installation fee for a system upgrade. The upgrade does not have to be under a Preferred Service Agreement, however, the original system which is being upgraded, must be under a Preferred Service Agreement. Peripherals are still chargeable under the current policy. Refer to the Installation Section (page 10-9) for installation fees.

Basic Service

o Normal coverage hours 8AM – 5PM, Monday through Friday.
o Next day response. No guarantee
o Telephone access during coverage hours to the Prime Customer Support
   Center
o Scheduled preventive maintenance during coverage hours as determined by
Prime
o Installation of field change orders as determined by Prime.
o Options available:

   – Multiple system discount
   – Annual prepayment discount

Deferred Service

o Principal Period of Maintenance (normal coverage hours) 8AM - 5PM, Monday through Friday, excluding holidays.

    o Remedial maintenance response within 5 working days.
- Performed at customer site during Principal Period of Maintenance
- Customer must provide central service location

o Installation of field change orders (FCO) at no charge as determined by Prime.

o Scheduled preventive maintenance during coverage hours as determined by Prime.

    o Parts and labor.

o Telephone access to the Prime Customer Service Hotline during Principal Period of Maintenance.

    o Options available:

- Multiple system discount   - Annual prepayment discount

Extended Shift Coverage Premiums

Extended Shift Coverage is available only to Preferred Service customers, and is an extension of the principal period of maintenance. It includes all services provided during normal hours, except guaranteed on-site response. Response time is limited to reasonable effort, normally four (4) hours. Extended Shift Coverage is not available to Basic Service customers.

Monday thru Friday, 7 AM to 7 PM	+ 0%
Monday thru Friday, 7 PM to 12 AM	+ 8%
Monday thru Friday, 12 AM to 7 AM	+12%
Saturday or Sunday, 7 AM to 7 PM	+ 6% each day
Saturday or Sunday, 7 PM to 12 AM	+ 4% each day
Saturday or Sunday, 12 AM to 7 AM	+ 5% each day

Total premium for 24 hour per day, 7 day per week coverage is 50%.

Software Service

Standard Service

o Normal coverage hours 8Am - 5PM, Monday through Friday.

o A software service contract is available only when the minimum hardware configuration is covered by a Prime service contract

Software Service   (continued)

   o Telephone access during coverage hours to the Prime Customer Support Center

   o Software updates and release documentation

   o Options available:
     - Annual prepayment discount
     - Central site software support plan

CUSTOMER SELF SERVICE OPTION (CSSO)

DEFINITION:

   o CSSO is a low cost service alternative for designated Prime products which requires customer participation in preventive and corrective maintenance. No on-site support is included under this service option.

ELIGIBILITY:

   o To be eligible for CSSO, each customer site must have adequate telephone lines and at least one modem to allow the execution of remote diagnostics.

   o CSSO may be elected only if all other systems eligible for CSSO purchase by the customer and located at the same site are placed under a CSSO contract

DESCRIPTION OF SERVICE:

   o CSSO entitles customers to documentation, telephone access to Prime's Small System Support Center for problem reporting and diagnostic assistance, and replacement of defective parts on a next day basis, when required.

   o Customers are entitled to telephone assistance from Prime's Small System Support Center between the hours of 8:00 AM and 5:00 PM local time, Monday through Friday (excluding Prime holidays).

   o Remedial maintenance service assistance is provided via telephone and remote diagnostics for error detection and correction following prompt notification by the customer to Prime's Small System Support Group of a product failure.

   o Customers are responsible for the performance of preventive and remedial maintenance on the system as directed by Prime. Customers may be required to perform certain duties and services as directed by Prime in response to telephone problem reports. These activities may include system restarts, recording of error conditions, running customer executable diagnostic tests and operational readiness tasks.

   o When required, replacement parts will be provided to the customer on a next day basis following proper notification. Customers are responsible for the removal of the defective part and the installation of its replacement.

o Customers are responsible for returning defective parts to Prime, with the designated Return Authorization Number and properly labeling, in the provided postage paid packaging. If defective part returns are not received by Prime within ten days of the customer's receipt of the replacement unit, the customer will be billed for the current full list price of the part as well as for all freight and postage charges associated with the shipment.

o Installation of FCO's on the equipment, options, accessories, and peripherals will be provided at Prime's facilities upon delivery the products by the customer. Installation of FCO's for component parts that are customer replaceable will be provided on a parts exchange basis after notification by Prime. Revisions and updates to diagnostic software and software utilities covered under the CSSO agreement will be maintained at current revisions via remote access, as determined by Prime.

o CSSO does not include on-site installation service or on-site preventive or remedial maintenance by Prime. If requested by the customer, Prime will provide on-site service for which the customer will be charged at the prevailing Installation Fees or T & M Rates.

o Supported Products.

- Prime Core Hardware

    o PERFORMER PC Option - PC200-US
      - PC210-US

- Prime Core Software

    o Microsoft MS-DOS
    o Microsoft GW-BASIC
    o PRIMELINK
    o PRIMELINK for the Apple Macintosh
    o Prime INFORMATION/pc
    o Prime ORACLE for the pc
    o PRIME MEDUSA for the pc

- Selected Software *

o RM/COBOL	o Lotus 1-2-3	o Multiplan
o RM/Fortran	o Symphony	o MultiMate
o Lattice C	o Framework	o Wordstar
o PFS:Write	o dBASE II	o The Finalword
o PFS:File	o dBASE III	

* All software listed is supported only when running on Prime Core Hardware or on one of the following: IBM PC, IBM XT, IBM AT. All titles and manufacturer's names are protected by trademarks and/or registered trademarks by their respective manufacturers.

Selected products are not developed by Prime, but are approved for Single Source PC Support. Prime Core products are developed by Prime or licensed from a third party and modified by Prime to function on Prime hardware. PC Single Source Support is provided via telephone and features the following:

Support for the PRIME EXL 316 operating system is also available through the Prime Small Systems Support Center. See Section 8 UNIX-based software for pricing on maintenance only for Prime's implementation of AT&T's UNIX V.3 and diagnostic software.

Billing

   Prime customers issuing purchase orders will be billed on a separate invoice rather than their monthly maintenance invoice. These invoices are payable net 30 days.

o Discounts
   No discounts apply to Prime Single Source PC Support contracts.

LICENSE UPDATE SERVICE

   The License Update Service provides for updates and associated documentation changes to Prime Core PC Software for a fixed monthly fee. Update software will be sent directly to the customer as it is available. If the customer chooses, updates can also be installed at the prevailing per-call rate.

      o Central Site Support discounts are available.

      o Annual Prepayment discount is available.

PRIMOS OPERATING SYSTEM-BASED SERVICE PRICING

PRIMOS LICENSE UPDATE SERVICE

Description	System	Annual Fee	Monthly Equivalent*
PRIMOS	100	N/A**	N/A
& Utilities	200	N/A	N/A
Execute-only	300	N/A	N/A
"	400	$3,300	$ 275
"	500	"	"
"	150	1,200	100
"	250	1,800	150
"	350	1,800	150
"	450	3,000	250
"	550	4,800	400
"	650	4,800	400
"	750	4,800	400
"	850	4,800	400
"	150II	1,800	150
"	250II	1,800	150
"	450II	2,400	200
"	550II	2,400	200
"	2250	1,200	100
"	2350	1,800	150
"	2450	1,800	150
"	2550	1,800	150
"	2650	1,800	150
"	9650	3,000	250
"	9750	4,200	350
"	9950	4,800	400
"	9955	4,800	400

*   For purposes of comparison only. Fee must be paid annually.

**   NA = Not Available

CUSTOMER SERVICE HOURLY PER-CALL RATES

1. Non-contract service performed during the principal period of maintenance coverage (PPM):

Customers with service contract	Customers without service contract
$120 per hour, 2 hour minimum	$150 per hour, 4 hour minimum

2. Contract service performed outside PPM:

Customers with service contract	Customers without service contract
$120 per hour, 2 hour minimum	$150 per hour, 4 hour minimum

3. Non-contract service performed outside PPM:

Customers with service contract	Customers without service contract
$150 per hour, 2 hour minimum	$150 per hour, 4 hour minimum

Hardware Services and Software Support

    o Mileage - Field Office to Customer to Field Office $ .30/mile
    o Per Diem - If overnight stay is required $100.00/night

* Minimum charge for service call is four (4) hours. ** Minimum charge for service call is two (2) hours.

INSTALLATION CHARGES FOR UPGRADES AND ADD-ON EQUIPMENT

General

Upgrades and certain add-on equipment are subject to installation charges.

These charges must be included on Quotations as line items, and should be totalled separately. Installation charges must be entered on the sales order as a Book & Bill line item.

Applicability
applicable.

1. Installations are chargeable for all upgrades.

2. Installations are chargeable for the controllers and peripherals listed in the next section when they are purchased and installed after the installation of the systems to which they are attached.

> NOTE: Devices installed concurrently with an upgrade of the system to which it is attached, are subject to installation charges.

3. Ambiguous situations should be interpreted in the customer's favor.

a. Disks installed with a system and dual-ported to that system and a pre-existing system are exempt from installation charges.

b. Workstations and printers installed with a new system installation will be exempt from installation charges even if initially connected to a pre-existing system. Since these devices could be easily connected to a line from the new system, Prime will treat the situation as though they are connected to the new system, and therefore not as add-on's.

> NOTE: In this situation, disk drives or tape drives which are installed with new system installations, but which are attached only to a pre-existing system will be subject to installation charges.

4. Installation charges will not apply for consigned/loaned equipment.

5. Installation charges do not apply when existing equipment is de-installed and then re-installed. This activity is billed at prevailing per call rates.

INSTALLATION CHARGES

UPGRADES

Model Number or Description	List Price	Installation Model Number *
**CPU Upgrades **		
UG2350	$ 1,000	INUG1
UG2450	$ 1,000	INUG1
UG2455-234	$ 600	IN2455
UG2655	$ 1,000	INUG1
UG2755	$ 1,000	IN2755
UG2755-23	$ 1,000	IN2755-23
UG2755-25	$ 1,000	IN2755-25
UG2755-26	$ 1,000	IN2755-26
UG6350	$ 5,000	IN6350
UG6550	$ 7,500	IN6550
UG6550-63	$ 2,500	IN6550-63
UG9655	$ 1,000	INUG1
UG9750	$ 1,500	INUG2
UG9755	$ 1,500	IN9755
UG9755-CAB	$ 1,000	IN9755-CAB
UG9955	$ 1,500	INUG2
UG9955-CAB	$ 1,000	INUG1
UG9955M2	$ 1,500	IN9955M2
UG9955M2-XX	$ 1,000	IN9955M2-CAB
Communications Upgrades		
UA281, UA281F, UA281-2250	$ 250	INCM1
UA481, UA481F, UA481-2250	$ 250	INCM1
UG57325, UG57335	$ 250	INCM1
UG200T, UG200N	$ 250	INCM1

ADD-ON COMMUNICATIONS

AMLCs

5154 All models	$ 250	INCM3
5174 "	$ 250	INCM3
5175 "	$ 250	INCM3

ICS3

5181 "	$ 250	INCM3
5242 "	$ 250	INCM3

CLACs	$ 60	INCM4
204 All models		
304 "		
502 "		
522 "		
602 "		
· 622 "		

INSTALLATION CHARGES (Continued)

Model Number or Description	List Price	Installation Model Number *
MDLCs		
5602 All models	$ 250	INCM3
5622 "	$ 250	INCM3
PNC		
7042 All models	$ 250	INCM3

* Book & Bill.

** EXISTING PREFERRED CUSTOMERS NOT CHARGED FOR CPU UPGRADES. (See page 10-3.)

ADD-ON PERIPHERALS

Chain Printers

3166F, 3167F, 3168F, 3172F	$ 250	INPR1

Matrix Line Printers

3173F, 3173-2250, 3174F, 3174-2250	$ 250	INPR1
3126F, 3126-2250, 3273F, 3273-2250, INPR1 3274F, 3274-2250, 3226F	$ 250	

Ink-Jet Printer (Color Graphics Copier)	$ 300	INTEK2

Laser Page Printer Installation

3410	350	INPR3

INSTALLATION CHARGES (cont.)

Model Number Description	List Price	Installation or Model Number
Band Printers		
3320F, 3320-2250, 3324F, 3324-2250 3330F, 3330-2250, 3334F, 3334-2250 3322F, 3322-2250, 3326F, 3326-2250 3332F, 3332-2250, 3336F, 3336-2250	$ 250	INPR1
Serial Matrix Printers		
3115F, 3115-2250, 3350F, 3350-2250 3351F, 3351-2250	$ 150	INPR2
Letter Quality Printer		
3185	$ 150	INPR2
Plotters		
PP1043	$ 150	INPLOT3
PP5735	$ 250	INPLOT4
MAGNETIC TAPE SUBSYSTEMS		
Cartridge Tape Drives		
4581F, 4582F, 4583F, 4584F, 4585F, 4651-2250	$ 150	INTP1
GCR/PE-6250/1600 BPI		
4550F, 4551F	$ 250 (Note 1)	INTP3
All Other Magnetic Tape Subsystems		
Mounted into peripheral cabinet or CPU cabinet in to the field	$ 500 (Note 2)	INTP2

Note 1: This tape drive must be premounted in a cabinet as it can not be mounted in the field.

Note 2: The higher installation charge should be quoted unless the device is free-standing, or the peripheral cabinet into which it will be mounted is ordered.

INSTALLATION CHARGES (cont.)

Model Number or Description	List Price	Installation Model Number
DISKS		
60MB Fixed Media Disks		
4711	$ 250	INDK2
80MB Fixed Media Disks		
4461F, 4462F, 4463F, 4464F	$ 250	INDK2
120MB Storage Module Disks		
4715	$ 250	INDK2
300MB Storage Module Disks		
4471F, 4472F, 4473F, 4474F	$ 250	INDK2
496MB Fixed Media Disk Subsystem		
4736L, 4738L	$ 250	INDK2
675MB Fixed Media Disks		
4491F, 4492F, 4493F, 4494F	$ 250	INDK2
770MB Fixed Media Disk Subsystem		
4835, 4837	$ 500	INDK1
4836, 4838	$ 250	INDK2
2250 System Fixed Media Disks		
4643-2250, 4653-2250	$ 250	INDK2
All Other Disks Mounted into peripheral cabinet or CPU cabinet in the field	$ 500 (Note 2)	INDK1
Free-standing or pre-mounted in Manufacturing	$ 250 (Note 2)	INDK2

Note 1: This tape drive cannot be mounted in the field.
Note 2: The higher installation charge should be quoted unless the device is free-standing, or the peripheral cabinet into which it will be mounted is ordered.

INSTALLATION CHARGES FOR THE LAN300 PRODUCT FAMILY

Prime offers complete maintenance and support on the LAN300, including components and cable installation.

Prime offers the following services:

   o Verification of installed components either in new installation or connection to an existing LAN including:

      - Cooperation of systems

      - Transceivers connected and operating

      - Adherence to IEEE 802.3 specifications for all components

      - Controllers and servers operating in loopback mode

   o Installation of LHC300, LTS300, LT300, LMT300

   o Installation of additional nodes/connections to existing networks

   o Installation of new networks

   o Network traffic analysis to ensure LAN300 will not over-utilize Ethernet bandwidth

LAN300, Network Design, Installation Services, and Network Certification are provided by Prime. The Marketing Representative must identify the need for these services, and contact the Data Communications Specialist (DCS). If necessary the DCS will arrange a site survey and prepare a quotation.

Installation Model Number	Description	US List Price
INCM3	Installation of LHC300 host controller	TBD
INCM5	Installation of LTS300 Terminal server	TBD
INCM5	Installation of LT300 transceiver	TBD
INCM6	Installation of LMT300 multiport transceiver	TBD
INCM7	Installation and planning of Ethernet cable network	TBD*
INCM8**	Network certification up to 10 nodes	3,000
INCM5**	Network certification each additional node	150

   *   When the system sales order is originally placed, Prime may be asked to bid or provide network planning and cable installation services. The local Customer Service Manager should be contacted to obtain the site survey and installation quotation. The final price for INCM7 is variable and requires a site survey and network layout for the installation. The sales order will indicate TBD and the price file will indicate $0. When the order is placed, field sales administration will call (Prime Park) Sales Order Administration and be asssigned a price override. This requires a call to customer support center. The installation quote for INCM7 must include a lift factor when quoted to the customer, and is non discountable.

INSTALLATION CHARGES FOR THE LAN300 PRODUCT FAMILY (Continued)

Writing the original order (with no price) allows a tracking mechanism for involvement with the subcontractor and allows monitoring of installation activity.

** Network Certification is mandatory. If the installation is connected to an existing Ethernet network, a certification record must either be provided to Prime or purchased from Prime to ensure adherence to IEEE 802.3 specifications.

UNIX OPERATING SYSTEM-BASED INSTALLATION PRICING

INSTALLATION CHARGES (cont.)

Model Number or Description	US List Price	Installation Model Number
Installation of any EXL system, add-on, or upgrade per CSR visit	$250	INSEXL*
Installation of any additional EXL system, add-on, or upgrade	100	INSEXL-S

* Maintenance for upgrades will be computed based on the final configuration

2. **CUSTOMER EDUCATION**

Reseller Traning Coupons

Product Number	Description	Authorized Reseller List Price
TRR160	A coupon for one person/one day of software (Non CAD/CAM) training at any Prime U.S. education center. Coupons can be resold to subdistributors and end-users. Coupons are transferable, but are not refundable.	$ 160
TRR2015	A block of coupons for twenty days of training at any Prime U.S. education center. Resellers can sell the block of coupons to an individual customer. Blocks of coupons cannot be split for resale. The customers name and address must be given at the time of order. As the coupons are not transferable, the end-user's name will appear on the coupons. Coupon blocks are not refundable.	$2,700

NOTE: Both TRR160 and TRR2015 coupons expire 15 months after the initial purchase date.

U.S. customers may order through Telemarketing at 800-343-2533.

Self-Instruction Courses

Education also offers self-instruction courses as an alternative to instructor-led courses. Self-instruction courses allow users to work at a flexible pace, eliminate travel expense and time, pay a one-time fee, and have the benefit of training more than one individual with the material. These courses offer the users practical training on specific topics, and allow them to examine and practice with commands, programs, and exercises. Examples are included and, most of the time, self-tests are available for the students to evaluate their performance.

Product Number	Description	US List Price
SS1300-T	PROF: Prime INFORMATION Self Instruction — in 1,600 bpi magnetic tape format	$1,500
SS1300-4C	PROF: Prime INFORMATION Self Instruction — in 4-track cartridge format (for 2250)	1,500
SS1300-9C	PROF: Prime INFORMATION Self Instruction — in 9-track cartridge format (for 2350, 2450)	1,500
SS1600	Introduction to Prime ORACLE	1,500
PWS200E-20	PERFORMER Workstation Self-Instruction	150

Product Number	Description	US List Price	Prereqs/ Comments
SS1250-T	Prime INFORMATION Word CONNECTION Self-instruction course includes one tape and one student guide	$300	Prime INFORMATION (8505-PX), Prime INFORMATION Word CONNECTION (9220-PX), 50 Series system
SS1250-4C	Prime INFORMATION Word CONNECTION Self-instruction course includes one tape and one student guide	300	8505-PA, 9220-PA, 2250 system
SS1250-9C	Prime INFORMATION Word CONNECTION Self-instruction course includes one tape and one student guide	300	8505-PA, 9220-PA, 2350 or 2450 system

NOTE: U.S. customers may order through Telemarketing at 800-343-2533.

Product Number	Description	US List Price	Prereqs/ Comments
SS1260-T	Prime INFORMATION Financial and Graph CONNECTION Self-instruction course includes one tape and one student guide	275	8505-PX, Prime INFORMATION Financial CONNECTION (9225-PX), Prime INFORMA-TION Graph CONNECTION (9230-PX), 50 Series system
SS1260-4C	Prime INFORMATION Financial and Graph CONNECTION Self-instruction course includes one tape and one student guide	275	8505-PA, 9225-PA, 9230-PA, 2250 system
SS1260-9C	Prime INFORMATION Financial and Graph CONNECTION Self-instruction course includes one tape and one student guide	275	8505-PA, 9225-PA, 9230-PA, 2350 or 2450 system
SS1270-T	Management Decision Support for Prime INFORMATION Self-instruction course includes one tape and one student guide	500	8505-PX, 9225-PX, 9230-PX, 50 Series system
SS1270-4C	Management Decision Support INFORMATION Self-instruction course. Includes one tape and one student guide	500 9225-PA,	8505-PA, for Prime 9230-PA, 2250 system
SS1270-9C	Management Decision Support for Prime INFORMATION Self-instruction course. Includes one tape and one student guide	500	8505-PA, 9225-PA, 9230-PA, 2350 or 2450 system

NOTE: U.S. customers may order through Telemarketing at 800-343-2533.