

LUCENT TECHNOLOGIES

Model Number	Comcode	Description	Price
Pipeline 15 ISDN BRI Products			
P15-1SBRI	407879649	Asynchronous to Synchronous ISDN BRI terminal adapter with dual integrated POTS ports. Advanced analog call features CLID, hold, drop, conference, & transfer. Accessories: documentation, RJ-45 to RJ-11 straight-through BRI cable, and RS-232 serial cable. Includes 120V AC adapter.	\$307.69
P15-1UBRI	407772672	Asynchronous to Synchronous ISDN BRI terminal adapter with dual integrated POTS ports. Advanced analog call features CLID, hold, drop, conference, & transfer. Accessories: documentation, RJ-45 to RJ-11 straight-through BRI cable, and RS-232 serial cable. This model includes an NT1 and 120V AC adapter.	\$307.69
Pipeline 50			
P50-1SBRI	300078797	Pipeline 50 system also includes 4:1 STAC data compression, NAT, DHCP server spoofing, ISDN BRI S/T or U interface (RJ-48C). Pipeline 50 S/T BRI, requires external NT1. Includes 120V adapter.	\$519.65
P50-1SBRI-ASA	408046019	Pipeline 50 system also includes 4:1 STAC data compression, NAT, DHCP server spoofing, ISDN BRI S/T or U interface (RJ-48C). Pipeline 50 S/T BRI with SecureConnect Firewall and 40-bit IPsec Encryption. Requires external NT1.	\$519.65
P50-1UBRI	300085412	Pipeline 50 system also includes 4:1 STAC data compression, NAT, DHCP server spoofing, ISDN BRI S/T or U interface (RJ-48C). Pipeline 50 U BRI, includes NT1. Includes 120V adapter.	\$519.65
P50-1UBRI-ASA	408045805	Pipeline 50 system also includes 4:1 STAC data compression, NAT, DHCP server spoofing, ISDN BRI S/T or U interface (RJ-48C). Pipeline 50 U BRI with SecureConnect Firewall and 40-bit IPsec Encryption.	\$519.65
P50-LS56	407546035	Pipeline 50 LS56 system also includes integrated CSU/DSU, leased or switched 56 Kbps interface (RJ-45C). Accessories also include RJ-45 WAN cable. 4-Wire leased or switched 56k service.	\$1,158.96
P50-LS56-2W	407546050	Pipeline 50 LS56 system also includes integrated CSU/DSU, leased or switched 56 Kbps interface (RJ-45C). Accessories also include RJ-45 WAN cable. 2-Wire leased or switched 56k service.	\$1,158.96
Pipeline 50 Base Systems			
P50-1SBRI-X25	408127181	Pipeline 50 with X.25 protocol pre-installed.	\$1,090.59
Pipeline 50 Field Upgrade Hardware Option			
P50-SWUP-P75	300067014	Field upgrade from a Pipeline 50 to Pipeline 75 product. Hash codes to activate POTS ports on V2 Pipeline 50. Customer will be provided with hash codes by Customer Service following processing of purchase order. Field Upgrade. Requires Serial Number 722xxxx and above on the Pipeline 50.	\$85.47
Pipeline 50 Field Upgrade Software Option			
PL-SWUP-563DES	300066859	3DES IPsec Upgrade. P50, 75 & 85 and SuperPipe 95 & 155 after-market upgrade for 128-bit IPsec Encryption (also includes 56-bit, 40-bit & AH only encryption). Includes SecureConnect Manager, instructions for upgrading & documentation. Shrink-wrapped separate box.	\$133.33
Pipeline 50 Accessories			
P50-PWR	300067006	Power Supply - Spare 120V power supply for use with the Pipeline 50 and the Multiband VSX products. 6-Pin "old" Pipeline 50 power supply. This is the original 6-Pin connector type P50/Multiband power supply.	\$34.19
PL-PWR-A	408127215	Interim Pipeline 50, 75 & 130 Power Supply - This is the power supply that replaced the "old" 6-pin PL50/Multiband VSX power supply. This is the "interim" 120V AC Pipeline 50/75/130 (single post) power supply. For most current shipping P50, P75, & P85 power supply, see model number PL-PWR-B.	\$34.19
Pipeline 75 ISDN BRI Products			
P75-1SBRI	300071693	Pipeline 75 with IP/IPX/Appletalk routing, STAC 4:1 data compression, Ethernet (AUI or 10Base-T), ISDN BRI S/T or U interface, (2) analog (RJ-11) ports and console (DB-9) port. Pipeline 75 S/T BRI interface (RJ-45). Requires external NT1. Includes 120V adapter.	\$588.03

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Pipeline 15 ISDN BRI Products			
P75-1SBRI-ASA	408046035	Pipeline 75 with IP/IPX/Appletalk routing, STAC 4:1 data compression, Ethernet (AUI or 10Base-T), ISDN BRI S/T or U interface, (2) analog (RJ-11) ports and console (DB-9) port. Pipeline 75 S/T BRI with SecureConnect Firewall and 40-bit IPsec Encryption.	\$588.03
P75-1UBRI	300078805	Pipeline 75 with IP/IPX/Appletalk routing, STAC 4:1 data compression, Ethernet (AUI or 10Base-T), ISDN BRI S/T or U interface, (2) analog (RJ-11) ports and console (DB-9) port. Pipeline 75 U BRI interface (RJ-48). Includes integrated NT1 for North America.	\$588.03
P75-1UBRI-ASA	408046027	Pipeline 75 with IP/IPX/Appletalk routing, STAC 4:1 data compression, Ethernet (AUI or 10Base-T), ISDN BRI S/T or U interface, (2) analog (RJ-11) ports and console (DB-9) port. Pipeline 75 U BRI with SecureConnect Firewall and 40-bit IPsec Encryption.	\$588.03
Pipeline 75 Base Systems			
P75-1SBRI-X25	300067048	Pipeline 75 with X.25 protocol pre-installed.	\$1,158.96
Pipeline 75 Software Options			
PL-SWUP-563DES	300066859	3DES IPsec Upgrade - P50, 75 & 85 and SuperPipe 95 & 155 after-market upgrade for 128-bit IPsec Encryption (also includes 56-bit, 40-bit & AH only encryption). Includes SecureConnect Manager, instructions for upgrading & documentation. Shrink-wrapped separate box.	\$133.33
Pipeline 75 Accessories			
PL-PWR-A	408127215	Interim Pipeline 50, 75 & 130 Power Supply - This is the power supply that replaced the "old" 6-pin PL50/Multiband VSX power supply. This is the "interim" 120V AC Pipeline 50/75/130 (single post) power supply. For most current shipping P50, P75, & P85 power supply see model number PL-PWR-B.	\$34.19
PL-PWR-B	408127223	The current shipping Pipeline 50/75/85 power supply. Class 2 transformer. Input: 120V, 60Hz, 30W. Output: DC 18V, 1.1A. Used with Version 2 Pipeline 50/75 and Pipeline 85 units.	\$34.19
Pipeline 85 ISDN BRI Products			
P85-1SBRI	300085420	Pipeline 85 with 4-Port 10Base-T Ethernet hub, IP/IPX/Appletalk Routing, STAC 4:1 data compression, ISDN BRI S/T or U interface (RJ-48), (2) analog (RJ-11) ports and console (DB-9) port. Pipeline 85 with S/T BRI interface. Requires external NT1.	\$656.40
P85-1SBRI-ASA	408046043	Pipeline 85 with 4-Port 10Base-T Ethernet hub, IP/IPX/Appletalk Routing, STAC 4:1 data compression, ISDN BRI S/T or U interface (RJ-48), (2) analog (RJ-11) ports and console (DB-9) port. Pipeline 85 S/T BRI with SecureConnect Firewall and 40-bit IPsec Encryption.	\$656.40
P85-1UBRI	300078813	Pipeline 85 with 4-Port 10Base-T Ethernet hub, IP/IPX/Appletalk Routing, STAC 4:1 data compression, ISDN BRI S/T or U interface (RJ-48), (2) analog (RJ-11) ports and console (DB-9) port. Pipeline 85 with U BRI interface. Includes integrated NT1.	\$656.40
P85-1UBRI-ASA	408046050	Pipeline 85 with 4-Port 10Base-T Ethernet hub, IP/IPX/Appletalk Routing, STAC 4:1 data compression, ISDN BRI S/T or U interface (RJ-48), (2) analog (RJ-11) ports and console (DB-9) port. Pipeline 85 U BRI with SecureConnect Firewall and 40-bit IPsec Encryption.	\$656.40
Pipeline 85 Base Systems			
P85-1SBRI-X25	300067113	Pipeline 85 with X.25 protocol pre-installed.	\$1,227.34
Pipeline 85 Software Options			
PL-SWUP-563DES	408127231	3DES IPsec Upgrade - P50, 75 & 85 and SuperPipe 95 & 155 after-market upgrade for 128-bit IPsec Encryption (also includes 56-bit, 40-bit & AH only encryption). Includes SecureConnect Manager, instructions for upgrading & documentation. Shrink-wrapped separate box.	\$133.33
Pipeline 85 Accessories			
PL-PWR-B	408127223	The current shipping Pipeline 50/75/85 power supply. Class 2 transformer. Input: 120V, 60Hz, 30W. Output: DC 18V, 1.1A. Used with Version 2 Pipeline 50/75 and Pipeline 85 units.	\$34.19
Pipeline 130 T1/FT1 Products			

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Pipeline 15 ISDN BRI Products			
P130-SBRI-FT1	300063153	This model requires an external NT1 for BRI operation. Includes an S/T interface. Accessories include documentation, RJ-45 Ethernet crossover cable, and T1 WAN cable.	\$1,364.09
P130-UBRI-FT1	300063187	This model includes an integrated CSU/DSU & NT1, U interface. Also supports Appletalk routing. Accessories include documentation, RJ-45 Ethernet crossover cable, and T1 WAN cable.	\$1,364.09
P130-FT1-ASA	300063104	Pipeline 130 U BRI with SecureConnect Firewall. Accessories include documentation, RJ-45 Ethernet crossover cable, and T1 WAN cable.	\$1,364.09
Pipeline 130 56 Kbps Products			
P130-UBRI-L56	300063195	Pipeline 130 LS56-2N also includes (1) DDS56 and (1) SW56. Accessories include documentation and (2) RJ-48 BRI cables. This model includes an integrated 56k CSU & NT1. U interface. Pipeline 130 UBRI-L56 system with BRI U interfaces. Accessories also include: RJ-45 to RJ-11 BRI WAN cable.	\$1,295.71
P130-L56-ASA	300063138	Pipeline 130 LS56-2N also includes (1) DDS56 and (1) SW56. Accessories include documentation and (2) RJ-48 BRI cables. Pipeline 130 L56 with SecureConnect Firewall. Uses BRI connections and Leased Line. Pipeline 130 UBRI-L56 system with BRI U interfaces. Accessories also include: RJ-45 to RJ-11 BRI WAN cable.	\$1,295.71
Pipeline 130 V.35 Products			
P130-SBRI-V35	300063161	V.35 and BRI S/T or U interfaces. External CSU/DSU required. Accessories include documentation, RJ-45 Ethernet cable, RJ-11 BRI WAN cable, and DB-9 to DB-25 adapter. This model requires the P130-V35 cable for V.35 operation. Also Requires NT1 for ISDN operation.	\$1,364.09
P130-S-V35-ASA	408046068	V.35 and BRI S/T or U interfaces. External CSU/DSU required. Accessories include documentation, RJ-45 Ethernet cable, RJ-11 BRI WAN cable, and DB-9 to DB-25 adapter. Pipeline 130 V.35 with SecureConnect Firewall. Requires NT1 for ISDN operation.	\$1,364.09
P130-UBRI-V35	300063203	V.35 and BRI S/T or U interfaces. External CSU/DSU required. Accessories include documentation, RJ-45 Ethernet cable, RJ-11 BRI WAN cable, and DB-9 to DB-25 adapter. ISDN BRI U interface. Note this model requires P130-V35 cable for V.35 operation.	\$1,364.09
P130-U-V35-ASA	300063179	V.35 and BRI S/T or U interfaces. External CSU/DSU required. Accessories include documentation, RJ-45 Ethernet cable, RJ-11 BRI WAN cable, and DB-9 to DB-25 adapter. Pipeline 130 V.35 with SecureConnect Firewall.	\$1,364.09
Pipeline 130 Accessories			
PL-PWR-A	408127215	This is the power supply that replaced the "old" 6-pin PL50/Multiband VSX power supply. This is the "interim" 120V AC Pipeline 50/75/130 (single post) power supply. For most current shipping P50, P75, & P85 power supply see model number PL-PWR-B.	\$34.19
Pipeline 220			
P22-T1-V35	300078789	Base unit includes: T1/FT1 & V.35 WAN interfaces, dual 10Base-T Ethernet interfaces; IP/IPX/Appletalk routing, OSPF, RIP v1/v2, NAT, DHCP server spoofing, 8 MB DRAM, 2 MB flash memory. Accessories include: RJ-45 T1 cable, and Ethernet crossover cable. Includes integrated T1 CSU/DSU	\$2,047.84
P22-T1-V35-ASA	408046100	Base unit includes: T1/FT1 & V.35 WAN interfaces, dual 10Base-T Ethernet interfaces; IP/IPX/Appletalk routing, OSPF, RIP v1/v2, NAT, DHCP server spoofing, 8 MB DRAM, 2 MB flash memory. Accessories include: RJ-45 T1 cable, and Ethernet crossover cable. Pipeline 220 T1 with Secure connect Firewall and 40 bit	\$2,047.84
Pipeline 220 Software Options			
P22-SWUP-563DES	300066859	3DES IPsec Upgrade - Shrink wrapped separate box	\$338.46
Pipeline 220 NavisAccess Software Option			
P220-SO-ANC	300092863	The NavisAccess Software Option is a license to manage the device. One software option is required per device to be managed. Must have NavisAccess Console. NavisAccess Software Option for Pipeline 220 SuperPipe 95	\$183.15

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Pipeline 15 ISDN BRI Products			
SP95-2U	300134038	SuperPipe 95 with dual U BRI interfaces. (2) UBRI or SBRI ports, (2) RJ-11 phone ports, (1) ISDN S/T port, (1) 10/100Base-T port, and integrated SecureConnect Firewall with 56-bit IPsec Encryption.	\$885.46
SP95-2S	300153335	SuperPipe 95 Router BRI-S. Universal power supply. (2) UBRI or SBRI ports, (2) RJ-11 phone ports, (1) ISDN S/T port, (1) 10/100Base-T port, and integrated SecureConnect Firewall with 56-bit IPsec Encryption.	\$885.46
SuperPipe 95 Software Options			
PL-SWUP-563DES	408127231	3DES IPsec Upgrade - P50, 75 & 85 and SuperPipe 95 & 155 after-market upgrade for 128-bit IPsec Encryption (also includes 56-bit, 40-bit & AH only encryption). Includes SecureConnect Manager, instructions for upgrading & documentation. Shrink-wrapped separate box.	\$133.33
SuperPipe 155			
SP155-T1-2U	300134046	SuperPipe 155 with T1 and dual U BRI interfaces. (2) UBRI or SBRI ports, (2) RJ-11 phone ports, (1) ISDN S/T port, (1) unchannelized T1 port, (1) 10/100Base-T port, and integrated SecureConnect Firewall with 56-bit IPsec Encryption.	\$1,227.34
SP155-2S-T1	300153376	SuperPipe 155 Router BRI-S with T1. Universal power supply. (2) UBRI or SBRI ports, (2) RJ-11 phone ports, (1) ISDN S/T port, (1) unchannelized T1 port, (1) 10/100Base-T port, and integrated SecureConnect Firewall with 56-bit IPsec Encryption.	\$1,227.34
SP155-2U-V35	300153327	SuperPipe 155 Router BRI-U with V.35. Universal power supply. (2) UBRI or SBRI ports, (2) RJ-11 phone ports, (1) ISDN S/T port, (1) unchannelized T1 port, (1) 10/100Base-T port, and integrated SecureConnect Firewall with 56-bit IPsec Encryption.	\$1,227.34
SP155-2S-V35	300153384	SuperPipe 155 Router BRI-S with V.35. Universal power supply. (2) UBRI or SBRI ports, (2) RJ-11 phone ports, (1) ISDN S/T port, (1) unchannelized T1 port, (1) 10/100Base-T port, and integrated SecureConnect Firewall with 56-bit IPsec Encryption.	\$1,227.34
SuperPipe 155 Software Options			
PL-SWUP-563DES	408127231	3DES IPsec Upgrade - P50, 75 & 85 and SuperPipe 95 & 155 after-market upgrade for 128-bit IPsec Encryption (also includes 56-bit, 40-bit & AH only encryption). Includes SecureConnect Manager, instructions for upgrading & documentation. Shrink-wrapped separate box.	\$133.33
Pipeline Additional Options			
APX8-SL-96DSP	300164423	Module Supporting 96 ports and V.110	\$22,915.47
MultiDSL: Stinger FS			
STGR MODEL		Stinger Base Unit, (1) Control Module. The Stinger Base Unit includes chassis, backplane, dual -48 VDC line filters, alarm module, cooling system, PCMCIA flash memory card with software, and control module(s). Also includes blank panels where no slot cards are installed.	\$5,466.97
STGR-R MODEL		Stinger Base Unit, (2) Control Modules. The Stinger Base Unit includes chassis, backplane, dual -48 VDC line filters, alarm module, cooling system, PCMCIA flash memory card with software, and control module(s). Also includes blank panels where no slot cards are installed.	\$7,390.02
MultiDSL: Stinger FS Slot Cards			
STGR-LIM-AD-24		24-Port ADSL-DMT Line Interface Module for ATM over ADSL-DMT. Supports both full rate and G.Lite operation. Includes full QoS support.	\$6,538.38
STGR-LIM-H2-32		32-Port HDSL2 Line Interface Module for ATM over HDSL2. Includes full QoS support.	\$7,966.94
STGR-LIM-SH-48		Inactive: Re-book as STGR-LIM-SQ-48.	\$9,340.55
STGR-LIM-SQ-48		48-port SDSL Line Interface Module for SDSL. Supports operation at up to 2.3 Mbps per port. Includes full QoS support.	\$9,340.55

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		Pipeline 15 ISDN BRI Products	
STGR-LIM-AD-12		Refer to Sales Representative with request to re-book the required quantity of STGR-LIM-AD-24.	\$3,571.39
		MultiDSL: Stinger FS Trunk Modules	
STGR-TM-OC3-2		2-Port Trunk Module for operation at 155 Mbps per port over single-mode fiber.	\$2,472.50
STGR-TM-OC3-1		1-Port Trunk Module with OC-3/STM-1 interface (single mode, intermediate reach). Trunk Module for operation at 155 Mbps over single-mode fiber, at distances up to 20 km. 1310 nm Optical Transmit Power -14 dBm. Optical Receive Power -32.5 dBm to -8 dBm.	\$1,538.44
STGR-TM-OC3-2L		2-Port Trunk Module with OC-3c/STM-1 interface (single mode, long reach). Trunk Module for operation at 155 Mbps per port over single-mode fiber, at distances up to 40 km. 1310 nm Optical Transmit Power -5 dBm. Optical Receive Power -34 dBm to -3 dBm.	\$10,164.71
STGR-TM-OC3-1L		1-Port Trunk Module with OC-3c/STM-1 interface (single mode, long reach). Trunk Module for operation at 155 Mbps over single-mode fiber, at distances up to 40 km. 1310 nm Optical Transmit Power -5 dBm. Optical Receive Power -34 dBm to -3 dBm.	\$6,318.60
STGR-TM-OC3-2M		2-Port Trunk Module with OC-3c/STM-1 interface (multi-mode). For operation at 155 Mbps per port over multi-mode fiber, at distances up to 2 km. 1300 nm Optical Transmit Power -19 dBm (62.5/125um fiber). Optical Receive Power -31 dBm to -14 dBm.	\$2,087.89
STGR-TM-OC3-1M		1-Port Trunk Module with OC-3c/STM-1 interface (multi-mode). Trunk Module for operation at 155 Mbps over multi-mode fiber, at distances up to 2 km. 1300 nm Optical Transmit Power -19 dBm (62.5/125um fiber). Optical Receive Power -31 dBm to -14 dBm.	\$1,318.67
STGR-TM-DS3-2		2-Port Trunk Module for operation at 44.736 Mbps per port.	\$1,923.05
STGR-TM-DS3-1		1-Port Trunk Module with DS-3 interface (coax). Trunk Module for operation at 44.736 Mbps.	\$1,263.72
		MultiDSL: Stinger FS Port Redundant Line Protection Modules	
STGR-LPM-48-RP		48-Port LPM with Port Redundancy. Line Protection Module with (2) 50-Pin telco connectors. Each connector supports 24-Ports (2 wires per port). Provides electrical isolation and surge protection.	\$1,373.61
STGR-LPM-48		48-Port LPM. Line Protection Module with (2) 50-Pin telco connectors. Each connector supports 24-Ports (2 wires per port). Provides electrical isolation and surge protection.	\$1,043.94
STGR-LPM-24-RP		24-Port LPM with Port Redundancy. Line Protection Module with (1) 50-Pin telco connector. Each connector supports 24-Ports (2 wires per port). Provides electrical isolation and surge protection.	\$741.75
		MultiDSL: Stinger FS Non-Redundant Line Protection Modules	
STGR-LPM-48		48-Port LPM. Line Protection Module with (2) 50-Pin telco connectors. Each connector supports 24-Ports (2 wires per port). Provides electrical isolation and surge protection.	\$1,043.94
STGR-LPM-24		24-Port LPM. Line Protection Module with (1) 50-Pin telco connectors. Each connector supports 24-Ports (2 wires per port). Provides electrical isolation and surge protection.	\$576.92
		MultiDSL: Stinger FS Interface Redundancy Modules	
STGR-IRM-S		Interface Redundancy Module for single redundancy slot.	\$384.61
		MultiDSL: Stinger FS Path Selector Module	
STGR-PSM		Path Selector Module. Provides access for an external copper loop tester to any subscriber line attached to the Stinger.	\$1,373.61
		MultiDSL: Stinger FS Copper Loop Test Module	
STGR-CLT		Integrated Copper Loop Test Module. Enables remotely controlled loop qualification and maintenance for any subscriber line attached to the Stinger. This module comprises the Path Selector Module plus an integrated test head.	\$5,769.16
		MultiDSL: Stinger FS Software	
STGR-SWLIC-MEM1		Annually renewable Software License and (1) Memory Upgrade Kit for STGR Model.	\$1,620.86

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Pipeline 15 ISDN BRI Products			
STGR-SWLIC-MEM2		Annually renewable Software License and (2) Memory Upgrade Kits for STGR-R Model.	\$1,620.86
MultiDSL: Stinger FS Software Options			
STGR-SO-PNNI		Software Option for Private Network-Network Interface support. One copy per Stinger. Prerequisite: Version 9.0 Software or later.	\$5,988.94
STGR-SO-FR		Software Option for Frame Relay (FRF.5 and FRF.8) support. One copy per Stinger. Prerequisite: Version 9.0 Software or later.	\$3,076.89
STGR-SO-IMA		Software Option for IMA support. One copy per Stinger. Prerequisite: Version 9.0 Software or later.	\$3,076.89
MultiDSL: Stinger FS Cables and Accessories			
STGR-CABMGT		Cable Management Kit.	\$219.78
STGR-SP-CM		Stinger Control Module. Spares	\$2,472.50
STGR-SP-AR		Stinger Alarm Relay. Spares	\$98.90
STGR-SP-DCTRAY		Stinger DC Filter Tray. Spares	\$604.39
STGR-SP-FAN		Stinger Cooling System. Spares	\$1,373.61
STGR-SP-FLASH		8 MB PCMCIA Flash with Software.Spares	\$824.17
STGR-RM23		Stinger 23-Inch Rack Mount Kit.	\$109.89
STGR-RM19		Stinger 19-Inch Rack Mount Kit.	\$109.89
MultiDSL: DSLTNT			
DSLNT-AC-H		DSLNT Base Chassis with High Output AC Power Supply and Controller Card. 16-Slot chassis, a controller card, (1) AC or (1) DC power supply, provision for a load sharing/redundant AC/DC power supply, support for ADSL cards.	\$4,890.05
DSLNT-DC-H		DSLNT Base Chassis with High Output DC Power Supply and Controller Card. 16-Slot chassis, a controller card, (1) AC or (1) DC power supply, provision for a load sharing/redundant AC/DC power supply, support for ADSL cards.	\$4,890.05
MultiDSL: DSLTNT Software Options			
DSLNTV-SO-GW		DSL/VoIP Software Option.	\$2,747.22
MultiDSL: DSLMAX 20			
DSLMAX20-AC		DSLMAX 20 Chassis, AC.	\$3,269.19
DSLMAX20-DC		DSLMAX 20 Chassis, DC.	\$3,269.19
DSLMAX20-2DC		DSL MAX 20 Chassis with redundant DC Power Supply.	\$3,818.64
MultiDSL: DSLMAX 20 MDU Starter Kits			
DSLMAX20-AC8		DSL MAX 20 8-User MTU/MDU Starter Kit, T1 - AC version. DSL MAX 20 Bundles with a DSL MAX 20 Chassis, T1 Slot Card, and SDSLH8 or SDSLH16 Slot Card, respectively.	\$5,741.69
DSLMAX20-AC16		DSL MAX 20 16-User MTU/MDU Starter Kit, T1 - AC version. DSL MAX 20 Bundles with a DSL MAX 20 Chassis, T1 Slot Card, and SDSLH8 or SDSLH16 Slot Card, respectively.	\$7,087.83
DSLMAX20-DC8		DSL MAX 20 8-User MTU/MDU Starter Kit, T1 - DC version. DSL MAX 20 Bundles with a DSL MAX 20 Chassis, T1 Slot Card, and SDSLH8 or SDSLH16 Slot Card, respectively.	\$5,741.69
DSLMAX20-DC16		DSL MAX 20 16-User MTU/MDU Starter Kit, T1 - DC version. DSL MAX 20 Bundles with a DSL MAX 20 Chassis, T1 Slot Card, and SDSLH8 or SDSLH16 Slot Card, respectively.	\$7,087.83
MultiDSL: DSLMAX 20 Slot Cards			
DMX-SL-SDSLH8		High Performance SDSL Slot card for DSLMAX 20, 8-Port 2.3 Mbps SDSL.	\$1,373.61
DMX-SL-SDSLH16		High Performance SDSL Slot card for DSLMAX 20, 16-Port 2.3 Mbps SDSL.	\$2,719.75
DMX-SL-T1		T1/E1 Slot Cards Slot card for DSLMAX 20/DSLTerminator 100/cvMAX 100. 4-Port T1 interface, unchannelized.	\$1,098.89
DMX-SL-E1		T1/E1 Slot Cards Slot card for DSLMAX 20/DSLTerminator 100/cvMAX 100. 4-Port E1 interface, unchannelized.	\$1,098.89
DMX-SL-DS3ATM		ATM and Frame Relay Option Slot card for DSLMAX 20, DSLTerminator 100, Single port DS-3 ATM.	\$2,195.03

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DMX-SL-DS3FR		ATM and Frame Relay Option Slot card for DSLMAX 20/DSLTerminator 100, Single port DS-3 Frame Relay.	\$2,195.03
DMX-SL-OC3A		ATM and Frame Relay Option Slot card OC3 ATM/STM-1, Optical single-mode.	\$3,293.92
MultiDSL: DSLMAX 20 Software Options			
DMX-SO-8T1		T1/E1 Upgrade Software Option Upgrade from 4-Port T1 to 8-Port T1.	\$824.17
DMX-SO-8E1		T1/E1 Upgrade Software Option Upgrade from 4-Port E1 to 8-Port E1.	\$824.17
MultiDSL: DSLTERMINATOR 100			
DSLTR100-AC		DSLTerminator 100 Chassis, (2) Slots, (2) Ethernet ports, AC version.	\$6,041.14
DSLTR100-DC		DSLTerminator 100 Chassis, (2) Slots, (2) Ethernet ports, DC version.	\$6,041.14
DSLTR100-2DC		DSLTerminator 100 Chassis, Redundant DC Power Supply.	\$6,590.58
MultiDSL: DSLTERMINATOR 100 Slot Cards			
DMX-SL-T1		T1/E1 Slot Cards Slot card for DSLMAX 20/DSLTerminator 100/cvMAX 100. 4-Port T1 interface, unchannelized.	\$1,098.89
DMX-SL-E1		T1/E1 Slot Cards Slot card for DSLMAX 20/DSLTerminator 100/cvMAX 100. 4-Port E1 interface, unchannelized.	\$1,098.89
DMX-SL-DS3ATM		ATM and Frame Relay Option Slot card for DSLMAX 20, DSLTerminator 100, Single port DS-3 ATM.	\$2,195.03
DMX-SL-DS3FR		ATM and Frame Relay Option Slot card for DSLMAX 20/DSLTerminator 100, Single port DS-3 Frame Relay.	\$2,195.03
DMX-SL-OC3A		ATM and Frame Relay Option Slot card OC3 ATM/STM-1, Optical single-mode.	\$3,293.92
MultiDSL: DSLTERMINATOR 100 Software Options			
DSLTR100-SP-VPN		Software Package for the DSL Terminator VPN Option for the DSL Terminator 100.	\$1,923.05
DMX-SO-8T1		Upgrade from 4-Port T1 to 8-Port T1.	\$824.17
DMX-SO-8E1		Upgrade from 4-Port E1 to 8-Port E1.	\$824.17
MultiDSL: DSLPipe			
CELL-IAD-M		Modular CellPipe Integrated Access Device base unit with Ethernet, console port, DSP Card, ringer, and AC Power Supply.	\$1,495.10
CELL-IAD-M-S		CellPipe IAD MOD, SDSL module.	\$243.59
CELL-IAD-M-TE		CellPipe IAD MOD, T1/E1 module.	\$274.11
CELL-IAD-M-4P		CellPipe IAD MOD, 4 POTS module.	\$274.11
CELL-IAD-M-8P		CellPipe IAD MOD, 8 POTS module.	\$408.42
MultiDSL: DSLPipe DSLPipes			
DSLPipe products are offered as a CPE for other DSL technologies or as a standalone CPE/COE connecting two networks together. DSLPipes include SecureConnect Firewall Software.			
ADSL-COE-C		1-Port standalone ADSL-CAP (RADSL) COE.	\$1,526.23
DSL-ACAP		DSLPipe includes (1) RADSL-CAP, (1) Ethernet Port, and (1) Console Port for ADSL CAP (RADSL).	\$607.44
DSL-DMT		DSLPipe includes (1) RADSL-DMT, (1) Ethernet Port, and (1) Console Port for ADSL DMT (RADSL).	\$607.44
DSL-HST		DSLPipe for high performance SDSL. Includes (1) SDSL 2.3M port, (4) Ethernet ports and (1) console port.	\$457.26
DSL-HST-DSU		SDSL DSLPipe, Bridge Only, US Power Supply.	\$365.69
CellPipe 50A			
ATM-based ADSL router/bridge that supports speeds up to 8 mbps downstream. Supports IPSec, SecureConnect Firewall, VPN, Plug-and-Play, and Navis Integration for Network Management. Supports G.Lite.			
DSL-CELL-50A		CellPipe 50A includes (1) ATM/ADSL-DMT, 56-bit IPSec Encryption, (1) Ethernet Port, and (1) Console Port.	\$518.92
CellPipe 50S			
ATM-based SDSL router/bridge that supports speeds up to 2.3 mbps in both directions. Supports IPSec, SecureConnect Firewall, VPN, Plug-and-Play, and Navis Integration for Network Management.			

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Model Number	Comcode	Description	Price
Pipeline 15 ISDN BRI Products			
DSL-CELL-50S		ATM SDSL CellPipe.	\$473.13
CellPipe 20A			
DSL-CELL-20A		Economical ATM-based ADSL and G.Lite bridge only. ADSL DMT CellPipe Bridge.	\$396.82
CellPipe 20A Globespan			
**CELL-20A-GX		ADSL DMT Fullrate/G.Lite CellPipe Bridge Globespan.	\$396.82
CellPipe 20S			
DSL-CELL-20S		Economical ATM-based SDSL bridge only. SDSL Bridge with Ethernet and Console Port.	\$396.82
MultiDSL: Pot Splitters			
DSLSC-MDF16		ADSL POTS Splitter for Main Distribution Frame	\$400.19
DSLSC-MDU10		ADSL POTS Splitter, 16-Channel For MDF.	\$366.30
DSLSC-SF24T4		ADSL POTS Splitter, Multi-Dwelling Unit, 10-Channel.	\$183.15
DSLSC-SF24-CD24		ADSL POTS Splitter, 19-Inch Shelf, 24-Channel, Empty Shelf.	\$682.59
DSLSC-SF96		ADSL POTS Splitter 19-Inch Shelf, 24-Channel, Full Shelf.	\$682.50
DSLSC-SF96-CD96		ADSL POTS Splitter 23-Inch Shelf, 96-Channel, Empty Shelf.	\$2,798.02
DSLSCR-24-CD2		ADSL POTS Splitter 23-Inch Shelf, 96-Channel, Full Shelf.	\$27.61
DSLSC-96-CD4		ADSL POTS Splitter, Dual Channel Card with DC Blocking for 24-Channel Shelf.	\$88.44
DSLSCR-PTD		ADSL POTS Splitter, Quad Channel Card with DC Blocking for 96-Channel Shelf.	\$32.86
DSLSCR-SLMD		ADSL POTS Splitter, Protector Terminal Device.	\$22.44
DSLSCR-SLMV		ADSL POTS Splitter Single Line Module-Data.	\$22.44
DSLSCR-DLM-STJ		ADSL POTS Splitter Single Line Module-Voice.	\$28.10
DSLSCR-DLM-SJ		ADSL POTS Splitter, Dual Line Module with Standard Jack.	\$28.10
DSLSCR-OAH		ADSL POTS Splitter, Dual Line Module with Sealed Jack.	\$22.44
DSLSCR-IFM-RJ1114		ADSL POTS Splitter, Outdoor Ancillary Housing.	\$25.51
DSLSCR-IFM-RJ1145		ADSL POTS Splitter, Indoor Flush Mount with RJ-11 & RJ-14.	\$25.51
DSLSCR-IWM		ADSL POTS Splitter, Indoor Flush Mount with RJ-11 & RJ-45.	\$25.25
DSLSCR-IWM-DT		ADSL POTS Splitter, Indoor Wall Mount with Center Jack.	\$25.25
DSLSCR-IWMT4-DT		ADSL POTS Splitter, Indoor Flush Mount without Center Jack, DeskTop Version.	\$25.25
DSLSCR-IWMT4-DT		ADSL POTS Splitter, Indoor Wall Mount without Center Jack, Desk Top Version, Type 4.	\$25.25
ADSL Distributed Micro-Filter			
DSLSCR-MF-C		ADSL Distributed Micro-Filter with RJ-14 Jack, Corded Version.	\$2.61
DSLSCR-MF-WM		ADSL Distributed Micro-Filter with RJ-14 Jack, Tool-less Wall Mount Version.	\$5.22
MAX 6200 Domestic Upgrade Program			
MX60-SPU-2T1	300076114	Software hash-code to remove (2) T1/E1 restriction from MAX 6200 Family.	\$4,065.88
MX60-SPU-2E1	300076106	Software hash-code to remove (2) T1 restriction (enabling 3rd and 4th T1) from the MAX 6248. Makes this into the equivalent of a MAX 6048.	\$4,065.88
MX60-SPU-2E1	300076106	Software hash-code to remove (2) E1 restriction (enabling 3rd and 4th T1) from the MAX 6260. Makes this into the equivalent of a MAX 6060.	\$4,065.88
ISDN BRI Modules			
MX-SL-8BRIN	407330596	Each ISDN BRI Module adds (8) BRI ports to the MAX Access Switch. There are (8) RJ-11 connectors on each card. Up to (3) ISDN BRI Modules can be added to a MAX 6000 for a total of (24) BRI ports. MAX slot card with (8) external RJ-45 connectors that provide the terminal side BRI S/T interface. For use in Customer Premise (CPE) installations.	\$4,835.11

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Model Number	Comcode	Description	Price
		Pipeline 15 ISDN BRI Products	
MX-SL-8BRIT	407330604	MAX slot card with (8) external RJ-45 connectors that provide the telco network side BRI S/T interface. For use in Central Office (COE) installations.	\$1,813.16
		Inverse Multiplexing (IMUX) Modules	
		Each IMUX module adds (2) or (6) V.35/RS-449/X.21 DTE interfaces to the MAX. Each port supports one video conferencing session or streaming data application. There are either (2) or (6) DB-44 connectors provided by each card depending on the model.	
		If MAX unit already has imuxing software installed, then order MX-SL-2PMHP or MX-SL-6PMHP instead. Includes software required for video (RS-366, Ascend Inverse Multiplexing (AIM), X.21, and BONDING) and backup and overflow (V.25bis and DBA).	
MX-SL-2PMHP	407025337	2-Port IMUX (video and/or backup and overflow) slot card adds (2) V.35/RS-449/X.21 application IMUX DTE ports (DB-44).	\$1,611.70
MX-SL-6PMHP	407025303	6-Port IMUX (video only) slot card with (6) DTE V.35/RS-449/X.21 application IMUX ports. Includes adapter cables.	\$2,619.02
		Software Options	
		Global Digital Access	
		Global Digital Access enables ISDN PRI Signaling, Frame Relay Support, R2 Support, and Digital Access.	
MX60-SP-HA-NA	300076056	GDA Software Package for North America (HA, ISDN, PRI, FR).	\$903.53
		Intragy Software	
		Enables Ethernet Bridging, Multiprotocol Routing for Novell/IPX and Appletalk, Appletalk ARA, and DeskDial client. Includes IntragyAccess client software for Windows 95/NT 4.0, Macintosh OS, and Windows 3.1. See Intragy section for more details.	
MX60-SP-IG	408057230	Intragy for MAX 6000. Includes 25-user edition of IntragyAccess.	\$725.27
		Virtual Private Remote Networking	
		Three of the most popular tunneling protocols for creating VPRN: ATMP, PPTP, and L2TP. Use the VPRN protocol of your choice to establish layer 2 or layer 3 tunneling on the MAX.	
		Note: TAOS 7.0 or greater is needed with this software option.	
MX60-SP-VPN	300076098	VPRN Software Package includes ATMP, PPTP, and L2TP.	\$903.53
MX60-SO-VR	300271558	Virtual Routing Capability - MAX 6000.	\$903.53
		SecureConnect Firewall Software	
		Enables integrated dynamic firewall capability. Includes system software, SecureConnect Manager and documentation.	
MX60-SO-ASA	407929322	Standard SecureConnect Firewall.	\$1,355.29
MX60-SWUP-ASA	300076122	Shrink-wrapped version (mainly for stocking distribution).	\$1,355.29
		NavisAccess Software Option (Advanced Management Software)	
		NavisAccess Software Option is a license to manage the device. 1 software option is required per device to be managed. Must have NavisAccess Console.	
MX60-SO-ANC	300075918	NavisAccess Software Option for MAX 6000.	\$668.18
MX60-SO-ANCV	300269800	NavisAccess Software Option for VoIP on MAX 6000.	\$178.45
MX60-SP-ANC-VOIP	300269818	NavisAccess Software Option Pack for Standard Management and VoIP on the MAX 6000.	\$933.44
		MAX TNT	
		Base Systems	
		MAX TNT System with High Output Power Supplies	
		The base MAX TNT system includes the chassis, shelf controller module, a single or dual high output hot swappable power supply, and documentation. All units support multi-shelf operation up to 3 shelves per system and are equipped with necessary cabling.	
		Also includes 19-Inch Rack Mount Kit, 32 MB JEDEC DRAM card, 8MB Flash memory card, and heat deflection baffle.	
TNT-AC-H	408078061	TNT Base, Single High Output AC.	\$6,593.33

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Model Number	Comcode	Description	Price
		Pipeline 15 ISDN BRI Products	
TNT-DC-H	408078079	TNT Base, Single High Output DC.	\$7,142.77
TNT-2AC-H	408078087	TNT Base, Dual High Output AC.	\$8,791.10
TNT-2DC-H	408078095	TNT Base, Dual High Output DC.	\$9,340.55
		Slot Cards	
		96-Port MultiDSP Module	
		Multi-application support: Single-slot, 96-Port Multi-Service DSP card; enabled for V.90 modem support. Hash-code required for: ISDN B Channel support (appropriate trunk signaling) or V.110. Primary data offering for use in MAX TNT or APX 8000.	
APX8-SL-96DSP	300164423	96 Port Multi-Service DSP Card. For use in the MAX TNT or APX 8000.	\$22,915.47
		48-Port MultiDSP (Voice over IP) Module	
		Multi-application support: Single-slot, 48-Port Multi-Service card. Use this module for MultiVoice VoIP sales. Enabled for V.90 modem support. Hash-code required for: VoIP, ISDN B Channel support (appropriate trunk signaling), V.110, or PHS.	
TNTV-SL-ADI-C	300076684	MultiDSP Slot Card for support of MultiVoice on the MAX TNT - provides support for up to (48) channels of VoIP communications.	\$9,523.69
		Channelized T-3 Module	
		Channelized T-3 expansion module with DS-3 interface, (4) BNC connector interfaces, (2) with integrated CSU, and (2) as pass-through to redundant card.	
		TNT Chassis supports up to (2) modules. (2) modules are supported per system. Each Card requires (1) slot.	
TNT-SL-CT3-C	300270238	Canless DS-3 slot card with integrated CSU.	\$5,128.14
TNT-SL-CT3	407698687	DS-3 slot card with integrated CSU.	\$8,302.71
		Channelized STM-0 (DS3) Slot Card	
		Port Channelized STM-0 Slot Card. It has the capacity of 28 virtual T1s. It has been designed for the Japanese market only. Each card has (1) port with a Fiber SC duplex type connector. The connector supports single-mode cable 9/125 micro optical fiber.	
		Please read the notes regarding the TNT-SL-STM0-C on the first page of the MAX TNT section of the Price Book.	
TNT-SL-STM0-C	300268463	1-Port Channelized STM-0 Slot Card.	\$4,395.55
		Ethernet Module	
		Ethernet Expansion Module.	
		TNT Chassis supports up to (4) modules. (4) modules are supported per system. Each card requires (1) slot.	
TNT-SL-E10-100	300271319	100Base-T Card for MAX TNT and DSLTNT. High-speed LAN card with (3) 10Base-T and (1) 100Base-T Ethernet interface.	\$3,113.52
		Frame Relay Module	
		10-Port Unchannelized T1 module. All Frame Relay applications require (1) instance of TNT-SO-FR to enable Frame Relay capability.	
		TNT Chassis supports up to (15) modules. (15) modules are supported per system. Each Card requires (1) slot.	
TNT-SL-FL10	407698729	10-Port Unchannelized T1 module. All Frame Relay applications require (1) instance of TNT-SO-FR to enable Frame Relay capability.	\$3,846.11
		Global Digital Access Module	
		HDLC processor module. Required for Frame Relay on TNT-SL-CT1.	
		TNT Chassis supports up to (4) modules. (4) modules are supported per system. Each Card requires (1) slot.	
TNT-SL-HDLC2-EC-C	300157328	HDLC slot card. Identical functionality of TNT-SL-HDLC2 with hardware support for encryption included. Requires Option for Encryption - Not currently Available	\$3,296.66
		Frame Relay Software	
		Frame Relay can be used to transport remote terminal sessions or as an end-to-end digital session transport from a FRAD or other router.	
TNT-SO-FR	407698752	Frame Relay Software Option, (E1 or T1).	\$1,648.33
		Virtual Private Remote Networking	

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Model Number	Comcode	Description	Price
		Pipeline 15 ISDN BRI Products	
TNT-SP-VPN	300076627	Support for ATMP, PPTP, L2TP, VR, and IP-in-IP.	\$10,439.43
		MultiVoice Software Package	
TNTV-SP-VOIP	300308228	MultiVoice VoIP Software Package. Includes TNTV-SO-GW and TNTV-SO-RTFAX.	\$8,546.91
		MultiVoice Software Option	
		Enables MultiVoice for the MAX TNT functionality. This software only supports a dedicated MultiVoice Gateway and cannot be used to support other TNT applications at this time, e.g. remote access.	
TNTV-SO-GW	300076692	Enables MultiVoice Gateway Software for MAX TNT.	\$8,546.91
TNTV-SO-RTFAX	300279429	MultiVoice Real Time Fax Software for the TNT.	\$1,709.38
		MultiVoice Feature Group D Software Option	
		Requires TNTV-SO-GW to operate.	
TNTV-SO-FGD	300279231	MultiVoice Feature Group D Signaling Software for the TNT.	\$3,418.76
		Mobile Software Options	
		Enables software functionality for the Mobile DSP card. Options are: 1) Japanese Personal HandyPhone System or 2) V.110 GSM Rate Adaption.	
TNTP-SO-V110	300076668	V.110 Software Option.	\$2,197.77
		NavisAccess Software Option (Advanced Management Software)	
		NavisAccess Software Option is a license to manage the device. 1 software option is required per device to be managed. Must have NavisAccess Console.	
		This product requires a code level of 2.0 or higher on the MAX TNT.	
TNT-SO-ANC	300076544	NavisAccess Software Option for MAX TNT and DSLTNT.	\$4,025.90
TNT-SO-ANCV	300269651	NavisAccess Network Management VoIP Option. Requires TNT-SO-ANC and TNT-SO-GW.	\$1,339.73
TNT-SP-ANC-VOIP	300269669	NavisAccess Network Management VoIP Software Package. Includes TNT-SO-ANC and	\$5,365.63
		Signaling System 7 (SS7/C7) Software	
		Enables MAX TNT to be deployed in Signaling System 7 (SS7/C7) network. ASGCP works with the ASG. IPDC works with Lucent Softswitch and ASG. Only 1 should be installed on a TNT.	
TNT-SO-ASGCP	300271723	ASGCP support for SS7.	\$12,087.77
TNT-SO-IPDC	300271749	IPDC support for SS7.	\$10,988.88
		Cables and Accessories	
		Memory Modules	
		Memory Module, (Installed into shelf controller). System performance enhancement (DRAM) or software download (FLASH).	
TNT-SP-FLASH-8	407938752	8MB PCMCIA Flash Memory module.	\$549.44
TNT-SP-DRAM-32	407938745	32MB JEDEC DRAM Memory module.	\$1,098.89
		Shelf Controller	
		TNT Shelf Controller; Contains TNT-CAB-TAXI-60.	
TNT-SP-SC-SS	300296878	Field replacement unit.	\$3,846.11
		NavisAccess 5.0	
		NavisAccess 5.0 is a multi-machine system, therefore customers may need to install it on more than one server, as well as on any number of workstations. Workstation licenses are sold separately, as are the CNM Clients.	
		The NavisAccess Workstation does not work without the Primary Server.	
ANC-50-SOL	300275179	NavisAccess 5.0 for Solaris, Primary Server.	\$10,252.62
ANC-50-SOL-XTRA	300275187	NavisAccess 5.0 for Solaris, Secondary Server.	\$5,124.48
ANC-50-SOL-WS	300275195	NavisAccess 5.0 for Solaris, Workstation.	\$1,461.52
ANC-50-SOL-WS10	300275237	NavisAccess 5.0 for Solaris, Workstation 10 Pack.	\$13,182.99

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Model Number	Comcode	Description	Price
Pipeline 15 ISDN BRI Products			
ANC-50-SOL-U	300275203	NavisAccess 4.3 to 5.0 Primary Server Upgrade for Solaris. (non-discountable)	\$3,073.22
ANC-50-SOL-WS-U	300275211	NavisAccess 4.3 to 5.0 Workstation Upgrade for Solaris. (non-discountable)	\$435.89
ANC-50-DSL-SOL	300275229	NavisAccess DSL Service Module for Solaris.	\$7,322.26
ANC-50-SOL-CNM	300304854	NavisAccess CNM Client for Solaris.	\$728.93
ANC-50-NT	300298221	NavisAccess 5.0 for Windows NT, Primary Server.	\$10,252.62
ANC-50-NT-XTRA	300298239	NavisAccess 5.0 for Windows NT, Secondary Server.	\$5,124.48
ANC-50-NT-WS	300298247	NavisAccess 5.0 for Windows NT, Workstation.	\$1,461.52
ANC-50-NT-U	300298254	NavisAccess 4.3 to 5.0 Primary Server Upgrade for Windows NT. (non-discountable)	\$3,073.22
ANC-50-NT-WS-U	300298262	NavisAccess 4.3 to 5.0 Workstation Upgrade for Windows NT. (non-discountable)	\$435.89
NavisAccess 4.3			
The NavisAccess Suite contains full NavisAccess functionality for one server installation. An additional NavisAccess Client is required for additional workstation logging into the server. Any installation must have at least one NavisAccess Suite.			
The NavisAccess Client does not work without the Suite. The Suite contains a printed User Guide.			
ANC-SU-NT	300075090	NavisAccess Suite for Windows NT.	\$7,322.26
ANC-CLIENT-NT	300075025	NavisAccess Client for Windows NT.	\$1,461.52
ANC-SU-SOL	300075108	NavisAccess Suite for Solaris.	\$8,787.44
ANC-CLIENT-SOL	300075041	NavisAccess Client for Solaris.	\$2,926.70
ANC-SU-SOL-OV	300075116	NavisAccess Suite for HP Open View on Solaris.	\$10,252.62
ANC-CLIENT-SLOV	300075033	NavisAccess Client for HP Open View on Solaris.	\$4,391.89
NavisAccess Standard Software Options			
The NavisAccess Standard Software Option is a license to manage the device. One software option is required per device to be managed. For dial service management (modem, ISDN), the NavisAccess 5.0 Standard Software Option is required.			
MX8-SO-ANC	408072007	NavisAccess Software Option for MAX 800.	\$183.15
MX30-SO-ANC	300268646	NavisAccess Software Option for MAX 3000.	\$582.41
MX60-SO-ANC	300075918	NavisAccess Software Option for MAX 6000.	\$728.93
TNT-SO-ANC	300076544	NavisAccess Software Option for MAX TNT and DSLTNT.	\$4,391.89
APX8-SO-ANC	300269677	NavisAccess Software Option for APX 8000. (support for up to (4) DS3s)	\$17,578.54
NavisAccess VoIP Software Options			
For VoIP management, both the Standard Software Option and the VoIP Software Options are required. If a device already has the Standard Software Option installed and needs to add VoIP management, only the VoIP Software Option must be purchased.			
MX60-SO-ANCV	300269800	NavisAccess Software Option for VoIP on MAX 6000.	\$289.37
TNT-SO-ANCV	300269651	NavisAccess Network Management VoIP Option. Requires TNT-SO-ANC and TNT-SO-GW.	\$1,461.52
APX8-SO-ANCV	300269685	NavisAccess Software Option for VoIP on APX 8000.	\$5,124.48
NavisAccess Standard and VoIP Software Option Packs			
For convenience, the NavisAccess Software Option Packs contain both the Standard Software Option plus the VoIP Software Options in one model number. This is for use in new sales, or for existing devices that do not have the Standard SW Option installed.			
MX60-SP-ANC-VOIP	300269818	NavisAccess Software Option Pack for Standard Management and VoIP on the MAX 6000.	\$1,018.30
TNT-SP-ANC-VOIP	300269669	NavisAccess Network Management VoIP Software Package. Includes TNT-SO-ANC and TNT-SO-ANCV. Requires TNTV-SO-GW.	\$5,853.41

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Model Number	Comcode	Description	Price
APX8-SP-ANC-VOIP	300269693	Pipeline 15 ISDN BRI Products NavisAccess Software Option Pack for Standard Management and VoIP on the APX 8000.	\$22,703.02
ANC-STARTER	300294972	NavisAccess Starter Kit Contains (1) fully functional copy of NavisAccess Suite for use on (1) Solaris or Windows NT computer (choose one or the other, but not both), and up to (5) free NavisAccess Software Options for any MAX family device, except MAX TNT options. (1) copy of NavisAccess Suite and up to (5) NavisAccess Software Options (MAX 800, 1800, 2000, 40XX, 60XX, plus any new MAX product to be released). MAX TNT Software Options must be purchased separately.	\$1,827.82
ANC-DC-CON	300075066	Product Documentation Printed User Guide is included in NavisAccess Suite. Electronic version of manual is available on the NavisAccess CD. NavisAccess User Guide, Version 4.3.	\$54.94
02S01	300318284	PSAX 20 Base System - REL 6.3 - PSAX 20 Chassis, desk top/rack mount - Dimensions: 3"H x 17"W x 11"D - Available User I/O Slots: 2 - Power Supply: 110 VAC - Common System Equipment Includes: CPU2 Module, Chassis, Stratum 3-4, Power Supply, and Cooling Fan - Interfaces Include: 6 Multiservice DS1's, 6 Multiservice Serial, 64 Channels of G.729B Voice Compression	\$9,157.39
20S00	407850569	PSAX 1250 BASE SYSTEMS PSAX 1250 Chassis - PSAX 1250 19" Chassis, rackmountable - Dimensions: 7"H x 19"W x 10.5"D - Available User I/O Slots: 10 - Ear Rack Mount Brackets (flush mount) - Convection Cooling	\$3,052.46
20S10	407852797	- PSAX 1250 23" Chassis, rackmountable - Dimensions: 7"H x 23"W x 10.5"D - Available User I/O Slots: 14 - Ear Rack Mount Brackets (flush mount) - Convection Cooling Included with all PSAX 1250 chassis is the Information Products Kit which contains all necessary installation and user documentation	\$3,968.20
21P02	300420254	PSAX 1250 -48 VDC Base Systems Includes the following common system components: - PSAX 1250 Chassis, 19" rackmount - Redundant PSAX 1250 Stratum 3-4 Module - Redundant PSAX 1250 -48 VDC Power Supply - 19" Fan Tray - Installation Kit - Does not include CPU's	\$10,988.87
21P04	300420262	Includes the following common system components: - PSAX 1250 Chassis, 23" rackmount - Redundant PSAX 1250 Stratum 3-4 Module - Redundant PSAX 1250 -48 VDC Power Supply - 23" Fan Tray - Installation Kit - Does not include CPU's PSAX 1250 110/220 VAC Base Systems	\$12,209.85

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Model Number	Comcode	Description	Price
		Pipeline 15 ISDN BRI Products	
21P16	300420288	Includes the following common system components: - PSAX 1250 Chassis, 19" rackmount - Redundant PSAX 1250 Stratum 3-4 Module - Redundant PSAX 1250 220 VAC Power Supply - 19" Fan Tray - Installation Kit - Does not include CPU's Included with all PSAX 1250 Base Systems is the Information Products Kit which contains all necessary installation and user documentation	\$10,988.87
		PSAX 2300 Chassis	
23S00	300277464	- PSAX 2300 Chassis, rackmountable - Dimensions: 17.5"H x 17.5"W x 12"D - Available User I/O Slots: 15 - Ear Rack Mount Brackets for 19" & 23" rack (flush mount) Included with all PSAX 2300 chassis is the Information Products Kit which contains all necessary installation and user documentation	\$6,104.93
		PSAX 2300 -48 VDC Base System	
24P02	300419504	Includes the following common system components: - PSAX 2300 Chassis, 19" rackmount - Redundant PSAX 2300 Stratum 3-4 Module - Redundant PSAX 2300 -48 VDC Power Supply with integrated cooling fans - Installation Kit: includes RJ12 to RJ12 Console Cable, Adapter RJ11 to DB25M and RJ11 to DB9F - Ear Rack Mount Brackets for 19" & 23" rack (flush mount) - Does not include CPU's	\$18,314.78
		PSAX 1250 and PSAX 2300 Power Supplies and Converters	
20N04	300161411	- 110 VAC power supply for the PSAX 1250. Occupies (1) reserved slot in the chassis. (2) required for redundant power. - Max Consumption: 200 watts	\$1,984.10
20N01	300161429	- 220 VAC power supply for the PSAX 1250. Occupies (1) reserved slot in the chassis. (2) required for redundant power. - Max Consumption: 200 watts - Supports EN60950	\$1,984.10
20N11	407852870	- -48 VDC power supply for the PSAX 1250. Occupies (1) reserved slot in the chassis. (2) required for redundant power. - Input Voltage: -48 VDC - Max Consumption: 350 watts	\$1,984.10
		Included with all Power Supplies is the Information Products Kit which contains all necessary installation and user documentation	
		PSAX 1250 Fan Trays, Heat Shields, Patch Panels, and PSAX 1250/2300 Air Filters	
20A14	108485194	- Fan Tray assembly for the PSAX 1250 19", -48 VDC, system	\$1,831.48
20A09	108485202	- Fan Tray assembly for the PSAX 1250 23", -48 VDC, system	\$1,831.48
20A04	300161437	- Fan Tray assembly for the PSAX 1250 19", 110 and 220 VAC, system	\$1,831.48
05-20A09008	300074853	- Spare filter for 23" fan tray	\$15.26
05-20A14008	300074861	- Spare filter for 19" fan tray	\$15.26
05-23S00040	300074341	- Spare filter for power supply fan	\$15.26
20A02	407970771	- 19" rack mountable heat shield	\$94.63
20A03	407970755	- 23" rack mountable heat shield	\$94.63
20A20	108360389	- Recessed mounting brackets for the PSAX 1250	\$30.52
23A63	300298544	- Panel provides patch between 48 RJ45 ports and (2) standard AMP CHAMP connectors	\$610.49
23A64	300298551	- Panel provides patch between 48 RJ45 ports and (1) standard AMP CHAMP connector	\$427.34

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Model Number	Comcode	Description	Price
		Pipeline 15 ISDN BRI Products	
23A67	300298569	- Panel provides patch between 24 BNC connectors (12 ports) and (1) standard AMP CHAMP connector. - (2) Patch Panels required per (1) HD E1 Module Included with all Fan Trays is the Information Products Kit which contains all necessary installation and user documentation PSAX 1250, PSAX 2300, PSAX 20 AND AC 60 I/O MODULES Included with all Release 6.0 - 6.3 I/O Modules is their own individual Information Products Kit which contains all necessary installation and user documentation.	\$610.49
		PSAX/AC DS1 Interfaces and Accessories	
23N64	300298528	- REL 6.3 - Connector Type: 50 PIN AMP (1) - Integral CSU - Protocols Supported: FR, CES, ATM, HDLC Passthrough - Any Service, any channel, anytime - (1) 41-1324936-1 cable required. see below	\$8,546.90
23A63	300298544	- Panel provides patch between 48 RJ45 ports and (2) standard AMP CHAMP connectors	\$610.49
23A64	300298551	- Panel provides patch between 48 RJ45 ports and (1) standard AMP CHAMP connector	\$427.34
		PSAX/AC E1 Interfaces and Accessories	
23N66	300074440	- REL 6.2 - Connector Type: 50 PIN AMP (2) - Integral CSU - Protocols Supported: FR, CES, ATM, HDLC - (2) 41-1324936-1 cables required, see below	\$12,820.35
41-1324936-1	300281730	- Cable .05 Champ to RJ45H TP 50Pos 10Ft - (2) required per 21 port module	\$33.58
23A67	300298569	- Panel provides patch between 24 BNC connectors (12 ports) and (1) standard AMP CHAMP connector - (2) Patch Panels required per (1) HD E1 Module	\$610.49
		PSAX/AC DS3 Interfaces	
20N02	300074697	PSAX/AC DS3 Interfaces REL. 6.0	\$3,357.71
20N07	300074812	PSAX/AC Serial Interfaces REL. 6.0	\$3,113.51
23N68	300266004	- REL 6.2 - Connector Type: (2) BNC - Integral CSU - Protocol Supported: IMA v1.0/1.1 - Up to 28 DS1's per IMA group - Supports up to 14 IMA user group	\$17,093.80
		PSAX/AC STS-1e Interfaces	
23N62	300277332	- REL 6.2 - Connector Type: (2) BNC - Integral CSU - Protocols Supported: CES, FR, ATM, HDLC Passthrough	\$11,904.61
		PSAX 1250, PSAX 2300, PSAX 20 and AC 60 OC-3c Interfaces	
20N72	300277290	- REL 6.2 - Connector Type: ST Multi-mode Fiber - Protocol Supported: ATM - Supports GR-253 compliant 1+1 APS	\$6,104.93
20N73	300277308	- REL 6.2 - Connector Type: SC Single-mode Fiber - Protocol Supported: ATM - Supports GR-253 compliant 1+1 APS	\$7,325.91
		PSAX/AC STM-1 Interfaces	

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Model Number	Comcode	Description	Price
		Pipeline 15 ISDN BRI Products	
20N92	300074408	- REL 6.2 - Connector Type: ST Multi-mode Fiber - Protocol Supported: ATM - Supports G.783 compliant 1+1 MSP	\$6,104.93
20N93	300074416	- REL 6.2 - Connector Type: SC Single-mode Fiber - Protocol Supported: ATM - Supports G.783 compliant 1+1 MSP	\$7,363.63
		PSAX 1250 and PSAX 2300 Alarm Interfaces	
20N79	300304185	- Provides 15 dry contact closure inputs for monitoring the status of devices that are external to the PSAX 1250 or PSAX 2300	\$915.74
		PSAX/AC Serial Interfaces	
		PSAX/AC Ethernet Interface	
20N40	300321452	REL 6.5	\$7,325.91
		PSAX/AC DPS2A, DSP2B, and DSP2C Voice Server	
23N27	300265998	- REL 6.2 - G.168 Echo Cancellation and ability to process 64/128ms tails - Software selectable compression algorithms including G.729A A-CELP and G.726 ADPCM - Silence Suppression and Comfort Noise - Supports up to 128 DS0's per DSP2C	\$11,294.11
		PSAX/AC Tones and Announcements Voice Server	
23N28	300298536	- REL 6.3 - SS7 Continuity Test for VT0A - Milliwatt test, Type 105 Termination Test, Type 108 Termination Test	\$11,294.11
20A22450	300321411	- Client/Server application - Rel 4.5 AQueView Server runs on Solaris 2.6 or 2.7. Client runs on Solaris or NT. - Designed for HPOV integration (Solaris only) - Supports AC 60 and PSAX 20/1250/2300 Rel 6.1 - 6.5	\$10,988.88
21A22450	300321429	- AQueView R4.5 Standalone runs on NT or Solaris. No integration with HP OpenView - Supports AC 60 and PSAX 20/1250/2300 Rel 6.1 - 6.5	\$5,494.44
		PSAX I/O Module Release 6.0 and Subsequent Release Firmware Upgrade Kits	
		The firmware upgrade kits are required when upgrading from Release 3.2.1, 4.0 and 5.1 to Release 6.0 or subsequent. Please note that System Software must be ordered in order to upgrade the CPU Modules.	
41-20K02000	300154283	Firmware upgrade kit for Release 6.0 and subsequent releases. (1) kit required per module.	\$122.10
41-20K03000	300154291	Firmware upgrade kit for Release 6.0 and subsequent releases. (1) kit required per module.	\$122.10
41-20K07000	300154317	Firmware upgrade kit for Release 6.0 and subsequent releases. (1) kit required per module.	\$122.10
41-20K33000	300154390	Firmware upgrade kit for Release 6.0 and subsequent releases. (1) kit required per module.	\$122.10
41-20K36000	300154408	Firmware upgrade kit for Release 6.0 and subsequent releases. (1) kit required per module.	\$122.10
41-20K40001	300281375	Firmware upgrade kit for Release 6.2 and subsequent releases. (1) kit required per module.	\$146.52
41-20K60001	300281367	Firmware upgrade kit for Release 6.1 and subsequent releases. (1) kit required per module.	\$122.10
41-20K72001	300281359	Firmware upgrade kit for Release 6.1 and subsequent releases. (1) kit required per module.	\$122.10
41-20K41001	300281391	Firmware upgrade kit for Release 6.1 and subsequent releases. (1) kit required per module.	\$122.10
41-23K05001	300281383	Firmware upgrade kit for Release 6.2 and subsequent releases. (1) kit required per module.	\$122.10

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Model Number	Comcode	Description	Price
Pipeline 15 ISDN BRI Products			
PSAX Factory Installation of Firmware Upgrade Kits for I/O Modules			
	300269859	- Factory installation request for PSAX I/O module firmware upgrade kit - Must order (1) per firmware upgrade kit	\$915.74
PSAX 1250, PSAX 2300, PSAX 20 AND AC 60 USER DOCUMENTATION, CABLES AND ACCESSORIES			
PSAX 1250, PSAX 2300 Modem and Installation Kits			
PSAX 1250, PSAX 2300 and AC 60 Blank Faceplates			
20N87	407852813	- Fits unoccupied I/O user or CPU slots on the PSAX 1250/2300 or AC 60	\$9.16
20N89	407850676	- Fits unoccupied Power Supply slot (PSAX 1250 only)	\$9.16
20N88	407852805	- Fits unoccupied Stratum 3-4 slot (PSAX 1250 only)	\$9.16
PSAX 1250 and AC 60 Cables			
41-1324936-1	300281730	- HD E1 and MD DS1 Cable - (1) required for the 12 port modules - (2) required for the 21 port modules	\$33.58
42-02N00037	300287356	- CPU Console Cable	
42-02N00038	300293586	- 2-Wire Station Module Cable	\$33.58
42-05N07017	108386186	- X.21 DTE, 9'	\$61.05
42-05N07016	108386202	- X.21 DCE, 9'	\$61.05
42-20N07008	407880657	- Multi-Serial EIA-530 DTE	\$82.42
42-20N07009	407880699	- Multi-Serial EIA-449 DTE	\$91.57
42-20N07010	407880822	- Multi-Serial V.35 DTE	\$128.20
42-20N07011	407880707	- Multi-Serial RS-232 DTE	\$64.10
42-20N07012	407880715	- Multi-Serial EIA-530 DCE	\$82.42
42-20N07013	407880723	- Multi-Serial EIA-449 DCE	\$79.36
42-20N07014	407880814	- Multi-Serial V.35 DCE	\$122.10
42-20N07015	407880731	- Multi-Serial RS-232 DCE	\$61.05
Included with all Cables is the Accessories Information Product Kit			
Slot Cards			
96-Port MultiDSP Module			
Multi-application support: Single-slot, 96-Port Multi-Service DSP card; enabled for V.90 modem support. Hash-code required for: ISDN B Channel support (appropriate trunk signaling) or V.110. Primary data offering for use in MAX TNT or APX 8000.			
APX8-SL-96DSP	300164423	96 Port Multi-Service DSP Card. For use in the MAX TNT or APX 8000.	\$22,915.47
48-Port MultiDSP (Voice over IP) Module			
Multi-application support: Single-slot, 48-Port Multi-Service card. Use this module for MultiVoice VoIP sales. Enabled for V.90 modem support. Hash-code required for: VoIP, ISDN B Channel support (appropriate trunk signaling), V.110 or PHS.			
TNTV-SL-ADI-C	300076684	MultiDSP Slot Card for support of MultiVoice on the MAX TNT - provides support for up to (48) channels of VoIP communications.	\$11,457.74
Channelized T1 Modules			
The CT1 is a single-slot expansion module that has (8) T1 interfaces to provide full access for up to 192 analog or digital DS0 sessions. Ea. port has an integrated CSU/DSU.			
TNT-SL-CT1-C	300270220	8-Port Channelized T1 Slot Card with integrated CSU/DSUs; canless version (electrical equivalent) of TNT-SL-CT1 module.	\$2,930.37
Channelized E1 Modules			
The CT1 is a single-slot expansion module that has (8) E1 interfaces to provide full access for up to 240 analog or digital DS0 sessions Ea. port has an integrated CSU/DSU.			

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Model Number	Comcode	Description	Price
		Pipeline 15 ISDN BRI Products	
TNT-SL-CE1-C	300268471	Canless CE1 single-slot module that has (8) E1 interfaces to provide full access for up to 240 analog or digital sessions.	\$2,930.37
TNT-SL-CE1-750-C	300268489	Canless single-slot module that has (8) 75 Ohm termination E1 interfaces to provide full access for up to 240 analog or digital sessions.	\$2,930.37
		Channelized T3 Module	
		Channelized T3 expansion module with DS3 interface, (4) BNC connector interfaces, (2) with integrated CSU, and (2) as pass-through to redundant card.	
TNT-SL-CT3-C	300270238	Canless DS-3 slot card with integrated CSU.	\$8,302.71
		Global Digital Access Module	
		HDLC processor module. Required for Frame Relay on TNT-SL-CT1. HDLC slot card. Identical functionality of TNT-SL-HDLC2 with hardware support for	
TNT-SL-HDLC2-EC-C	300157328	encryption included. Requires Software Option for Encryption - Not Currently Available.	\$3,985.30
		Software Options	
		ISDN Software	
		Enables ISDN PRI signaling on the network interface for the APX 8000. Includes support for AT&T, NT1, PRI switches.	
APX8-SO-ISDN	300271228	ISDN Signaling Software.	\$4,945.00
APX8-SO-ISDN-IX	300271251	MultiNational ISDN Signaling Software.	\$7,692.20
		R2 Signaling Software	
APX8-SO-R2	300271244	APX8-SO-R2	\$7,692.20
		Frame Relay Software	
		Frame Relay can be used to transport remote terminal sessions or as an end-to-end digital session transport from a FRAD or other router.	
APX8-SO-FR	300271236	Frame Relay Software.	\$4,945.00
		Virtual Private Remote Networking	
APX8-SO-L2TP	300270568	L2TP Tunneling Protocol.	\$6,043.88
APX8-SO-ATMP	300275955	ATMP Tunneling Protocol.	\$6,043.88
APX8-SO-VR	300270592	Virtual Routing Capability.	\$4,395.56
		Mobile Software Options	
		Enables software functionality for the Mobile DSP card. Options are: 1) Japanese Personal HandyPhone or 2) V.110 GSM Rate Adaption.	
APX8-SO-PHS	300273141	PHS Software Option.	\$6,043.88
APX8-SO-PHS21	300273166	PHS 1.0/2.0 Upgrade to 2.1. Requires PHS Software Option APX-SO-PHS.	\$3,846.10
APX8-SP-PIAFS21	300273133	PIAFS Software Package. Includes APX8-SO-PHS and APX8-SO-PHS21.	\$9,889.99
APX8-SO-V110	300273158	V.110 Software Option.	\$6,043.88
		NavisAccess Software Option (Advanced Management Software)	
		The NavisAccess Software Option is a license to manage the device. One software option is required per device to be managed. Must have NavisAccess Console.	
APX8-SO-ANC	300269677	NavisAccess Software Option for APX 8000. (support for up to (4) DS3s)	\$16,113.66
APX8-SO-ANCV	300269685	NavisAccess Software Option for VoIP on APX 8000.	\$4,697.44
APX8-SP-ANC-VOIP	300269693	NavisAccess Software Option Pack for Standard Management and VoIP on the APX 8000.	\$20,811.10
		Signaling System 7 (SS7/C7) Software	
		Enables APX 8000 to be deployed in Signaling System 7 (SS7/C7) network. ASGCP works with the ASG. IPDC works with the Lucent Softswitch and ASG. Only one should be installed on an APX 8000.	
APX8-SO-IPDC	300270618	Enables IPDC Signaling.	\$35,713.85
		Software Releases for the APX 8000	

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Model Number	Comcode	Description	Price
<p>Pipeline 15 ISDN BRI Products</p> <p>Note: One and only one software release option must be included at time of order. Software release options are not orderable after shipment of product.</p>			
APX8-SR-T1-STD	n/a	APX 8000 Standard T1 Software Release.	
APX8-SR-EURO	300270519	APX 8000 E1 Software Release with European Power Cord.	
APX8-SR-AU	300270527	APX 8000 E1 Software Release with Australian Power Cord.	
APX8-SR-UK	300270535	APX 8000 E1 Software Release with United Kingdom Power Cord.	
APX8-SR-LA	300270543	APX 8000 E1 Software Release with Domestic Power Cord.	
<p>MultiVoice DSP And Ethernet Modules</p> <p>MultiVoice DSP Modules can only be used by MultiVoice Gateways. The module will be autosensed by the MultiVoice Gateway software on bootup for port definition.</p>			
TNTV-SL-ADI-C	300076684	MultiDSP Slot Card for support of MultiVoice on the MAX TNT - provides support for up to (48) channels of VoIP communications.	\$11,120.74
<p>Software</p> <p>MultiVoice Conversion and Feature Upgrades - Voice over IP</p> <p>MultiVoice conversion software will convert standard MAX and TNT units into dedicated MultiVoice Gateways. Available as a Field Upgrade for existing units.</p>			
TNTV-SO-GW	300076692	Enables MultiVoice Gateway Software for MAX TNT.	\$12,087.77
TNTV-SP-VOIP	300308228	MultiVoice VoIP Software Package. Includes TNTV-SO-GW and TNTV-SO-RTFAX.	\$12,087.77
<p>MultiVoice Conversion and Feature Upgrades - FAX over IP</p> <p>MultiVoice conversion software will convert standard MAX and TNT units into dedicated MultiVoice Gateways.</p>			
TNTV-SO-RTFAX	300279429	MultiVoice Gateway Real-Time Fax Software for the MAX TNT. This software requires MultiDSP slot cards.	\$2,014.63
TNTV-SP-VOIP	300308228	MultiVoice VoIP Software Package. Includes TNTV-SO-GW and TNTV-SO-RTFAX.	\$12,087.77
<p>MultiVoice Conversion and Feature Upgrades - Feature Group D</p> <p>Requires TNTV-SO-GW to operate.</p>			
TNTV-SO-FGD	300279213	TNTV-SO-FGD	\$4,029.26
<p>IntragyAccess</p> <p>IntragyAccess is a cross-platform client software solution for the enterprise. This true cross-platform solution provides end-users with the tools necessary to make network access productive. Included are Telnet (DEC VT 320, TN3278, TN3179G, and TN5250). IntragyCentral on the MAX offers IPX, Appletalk and Ethernet Bridging with IntragyCentral on the TNT provides IPX and Appletalk only. IntragyAccess provides the popular DeskDial client for network modem pool access through a MAX or TNT, Telnet (VT 320, IBM TN3270 and TN5250), FTP client and server, NFS client, and LPR client.</p>			
TNT-SP-IG	408057248	Intragy for TNT. Includes 100-User edition of IntragyAccess. Access Point 450 Multiservice IP Access Router features LAN/LAN and LAN/WAN configurations and includes base system, 2 Ethernet cables (straight & xover), shielded console cable, rack mount hardware, and warranty service. All systems must be ordered with a software image.	\$2,417.55
<p>Access Point 1000 Base System</p> <p>Access Point 1000 Multiservice IP Access Router is the high-end member of the AP family and includes base system, 2 Ethernet cables (straight & xover), shielded console cable, rack mount hardware, and warranty service. All systems must be ordered with a software image.</p>			
<p>AP-1000 Model</p> <p>AP-1000 Power Supply Options</p>			
AP-PWRSUP-AC	300299609	AP-1000 AC Power Supply.	\$366.30

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Model Number	Comcode	Description	Price
		Pipeline 15 ISDN BRI Products	
AP-PWRSUP-DC	300299625	AP-1000 DC Power Supply.	\$732.59
		Access Point 450 and Access Point 1000	
		Interface Modules	
		Access Point 450 Interface Modules are orderable with system configuration ONLY. AP-450 is not field upgradable.	
		AP-450 LS, AP-450 HS, and AP-1000 Models	
AP-PCI-01	300299401	PCI 10/100 Ethernet Interface Module with one RJ-48 connector.	\$366.30
AP-PCI-02	300299419	PCI HSSI Interface Module with EIA TIA-613 connector.	\$3,296.66
AP-PMC-01	300299427	PMC 10/100 Ethernet Interface Module with one RJ-48 connector.	\$366.30
AP-PMC-02	300299435	PMC HSSI Interface Module with EIA TIA-613 connector.	\$3,296.66
AP-PMC-03	300299443	PMC ATM DS-3 Interface Module, Integrated DSU, with 75-ohm BNC connector.	\$5,494.44
AP-PMC-04	300299450	PMC ATM OC-3/STM-1 Multimode Fiber Interface Module with SC-duplex connector.	\$5,494.44
AP-PMC-05	300299468	PMC ATM OC-3/STM-1 Single Mode Fiber-Intermediate Reach Module with SC-duplex connector (up to 15Km).	\$6,959.62
AP-PMC-06	300299476	PMC 4-Port T1/E1 Interface Module, integrated DSU/CSU with four RJ-48 connectors.	\$2,930.37
AP-PMC-07	300299492	PMC ATM OC-3/STM-1 Single Mode Fiber-Long Reach Interface Module with SC-duplex connector (up to 40Km).	\$8,424.81
AP-PMC-08	300299500	PMC MSSSI (V.35/X.21) Interface Module with EIA TIA-613 connector. REQUIRES AN X.21 OR V.35 CABLE.	\$732.59
AP-PMC-09	300299526	PMC Encryption Accelerator Module provides high speed DES and/or 3DES encryption.	\$2,197.78
AP-PMC-0D	300299567	PMC Frame-Based DS-3 Interface Module, Integrated DSU, with 75-ohm BNC connector.	\$5,494.44
AP-PMC-0S	300299583	PMC ISDN S/T Interface Module.	\$366.30
		Access Point Software	
		Base Software License	
		Check with Lucent Global Trade Organization for current export restrictions on encryption software.	
AP-BASE-2-3	300316536	Base software license V2.3 includes IP routing, Class-based Queuing, WAN protocol support (PPP, MLPPP, Frame Relay, SMDS, ATM) and L2TP with RADIUS client.	
AP-BASE-2-2	300299294	Base software license V2.2 includes IP routing, Class-based Queuing, WAN protocol support (PPP, MLPPP, Frame Relay, SMDS, ATM) and L2TP with RADIUS client.	
		QVPN Software License	
		Check with Lucent Global Trade Organization for current export restrictions on encryption software.	
AP-1DES-2-3	300316544	QVPN/DES software license V2.3 includes base software, IPSec tunneling, encryption (56-bit DES only) and authentication (SHA-1, MD5) for site-to-site and remote access VPNs.	\$732.59
AP-3DES-2-3	300316551	QVPN software license V2.3 includes base software plus IPSec tunneling, encryption (3DES/DES), and authentication (MD5, SHA-1) for site-to-site and remote access VPNs.	\$732.59
AP-1DES-2-2	300299088	QVPN/DES software license V2.2 includes base software, IPSec tunneling, encryption (56-bit DES only) and authentication (SHA-1, MD5) for site-to-site and remote access VPNs.	\$732.59
AP-3DES-2-2	300299187	QVPN software license V2.2 includes base software plus IPSec tunneling, encryption (3DES/DES), and authentication (MD5, SHA-1) for site-to-site and remote access VPNs.	\$732.59
		Access Point AC Power Cords	
AP-PWR-NA	300299690	Power Cord for Access Point Systems - North America	
		Cables and Connectors	
AP-MODCNLS-10	300299393	10 foot 9-pin to 25-pin Modem to Console Cable 120-Ohm Twisted Pair to 75-Ohm G.703 Coax	\$47.62
AP-BLN-120-75	300299302	Adapter (Balun)	\$91.57

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Model Number	Comcode	Description	Price
Pipeline 15 ISDN BRI Products			
AP-HSSI-10	300299369	10 foot HSSI cable	\$73.26
AP-X21-10	300299757	10 foot X.21 cable for MSSSI	\$73.26
AP-V35-10	300299740	10 foot V.35 cable for MSSSI	\$73.26
AP-BNC-20	300299310	20 foot BNC cable for ATM DS-3	\$73.26
Spares Section			
Spares modules do not apply to the AP-450. AP-450 is not field upgradeable.			
Access Point 1000 ONLY Spare Interface Modules			
AP-SP-PMC-01	408304327	Spare PMC 10/100 Ethernet Interface Module with one RJ-48 connector	\$366.30
AP-SP-PMC-02	408313195	Spare PMC HSSI Interface Module, Integrated DSU, with EIA TIA-613 connector.	\$3,296.66
AP-SP-PMC-03	408225779	Spare PMC ATM DS-3 Interface Module, Integrated DSU, with 75-ohm BNC connector.	\$5,494.44
AP-SP-PMC-04	408225787	Spare PMC ATM OC-3/STM-1 Multimode Fiber Interface Module with SC-duplex connector.	\$5,494.44
AP-SP-PMC-05	408225795	Spare PMC ATM OC-3/STM-1 Single Mode Fiber-Intermediate Reach Module with SC-duplex connector.	\$6,959.62
AP-SP-PMC-06	408225803	Spare PMC 4-Port T1/E1 Interface Module, integrated DSU/CSU with four RJ-48 connectors.	\$2,930.37
AP-SP-PMC-07	408225811	Spare PMC ATM OC-3/STM-1 Single Mode Fiber-Long Reach Interface Module with SC-duplex connector.	\$8,424.81
AP-SP-PMC-08	408289791	Spare PMC MSSSI (V.35/X.21) Interface Module with EIA TIA-613 connector. REQUIRES AN X.21 or V.35 CABLE	\$732.59
AP-SP-PMC-0D	408225829	Spare PMC Frame-based DS-3 Interface Module, Integrated DSU, with 75-ohm BNC connector.	\$5,494.44
Spare Access Point 1000 Memory Upgrade Option			
AP-SP-256M-UPG	408290062	Spare AP-1000 256MB Memory Upgrade; upgrades SDRAM from 128MB to 256MB.	\$1,831.48
Spare Access Point 1000 Chassis, Motherboards, and Power Supplies			
AP-SP-PWRSUP-AC	408290039	Spare AP-1000 AC Power Supply	\$366.30
AP-SP-PWRSUP-DC	408290047	Spare AP-1000 DC Power Supply	\$732.59
Spare Access Point AC Power Cords			
AP-SP-PWR-NA	408290237	Spare Power Cord for Access Point Systems - North America	\$7.33
AP-SP-PWR-UK	408290245	Spare Power Cord for Access Point Systems - UK, Ireland	\$25.64
AP-SP-PWR-EU	408290252	Spare Power Cord for Access Point Systems - Europe	\$25.64
AP-SP-PWR-IT	408290278	Spare Power Cord for Access Point Systems - Italy	\$25.64
AP-SP-PWR-SW	408290286	Spare Power Cord for Access Point Systems - Switzerland	\$25.64
AP-SP-PWR-DE	408290294	Spare Power Cord for Access Point Systems - Denmark	\$25.64
AP-SP-PWR-JA	408290302	Spare Power Cord for Access Point Systems - Japan	\$25.64
AP-SP-PWR-AU	408290310	Spare Power Cord for Access Point Systems - Australia, New Zealand, PRC	\$25.64
AP-SP-PWR-IS	408290328	Spare Power Cord for Access Point Systems - Israel	\$25.64
AP-SP-PWR-SA	408290336	Spare Power Cord for Access Point Systems - South Africa, India	\$25.64
Spare Cables and Connectors			
AP-SP-MODCNLSL-10	408290344	Spare 10 foot 9-pin to 25-pin Modem to Console Cable	\$47.62
AP-SP-BLN-120-75	408248334	Spare 120-Ohm Twisted Pair to 75-Ohm G.703 Coax Adapter (Balun)	\$91.57
AP-SP-HSSI-10	408226041	Spare 10 foot HSSI cable	\$73.26
AP-SP-X21-10	408226058	Spare 10 foot X.21 cable for MSSSI	\$73.26
AP-SP-V35-10	408226066	Spare 10 foot V.35 cable for MSSSI	\$73.26
AP-SP-BNC-20	408226074	Spare 20 foot BNC cable for ATM DS-3	\$73.26
Base Systems			
CBX 500 SP 40B Redundant Base Unit - N+I Bundle			
Inc. N+I chassis, (3) power supplies, (2) IP enhanced Model SP 40B (SPs) 11411B or 11411BC and redundant switch processor adapter w/ flash disk (11023F).			

LUCENT TECHNOLOGIES

Model Number	Comcode	Description	Price
Pipeline 15 ISDN BRI Products			
Does not inc. IP Navigator License. Note: See 11411B or 11411BC and 11023F for min.SW req.			
11402AF	300317617	CBX 500 SP40B AC Redundant Base Unit-N+I Bundle. Includes N+I Chassis, (3) AC power supplies, (2) IP enhanced Model SP40B (SPs) 11411B & redundant switch processor adapter with flash disk (11023F)	\$59,828.34
11402BF	300317625	CBX 500 SP40B DC Redundant Base Unit-N+I Bundle. Includes N+I Chassis, (3) DC Power Supplies, (2) IP enhanced Model SP40B (SPs) 11411B & redundant switch processor adapter with flash disk (11023F)	\$59,828.34
11402AFC	300280187	CBX 500 SP40B AC Redundant Base Unit-N+I Bundle. Includes N+I Chassis, (3) AC power supplies, (2) IP enhanced Model SP40B (SPs) 11411BC & redundant switch processor adapter with flash disk. Min SW Rev. 4.2.1.0	\$59,828.28
11402BFC	300276706	CBX 500 SP40B DC Redundant Base Unit-N+I Bundle. Includes N+I Chassis, (3) DC power supplies, (2) IP enhanced Model SP40B (SPs) 11411BC & redundant switch processor adapter with flash disk. Min SW Rev. 4.2.1.0	\$59,828.28
CBX 500 SP 30 Redundant Base Unit - N+I Bundle			
Includes N+I chassis, (3) power supplies, (2) Model 30 SPs, and redundant switch processor adapter with flash disk (11023F) Note: Please see 11023F for minimum software requirements.			
11301AF	300280146	CBX 500 SP30 AC Redundant Base Unit-N+I Bundle. Includes N+I chassis, (3) AC power supplies, (2) Model 30 SPs, and redundant switch processor adapter with flash disk (11023F).	\$47,618.48
CBX 500 Bare Chassis - N+1			
Bare chassis with redundant fans. Switch processor(s), and switch processor adapter (11023F) NOT included			
11014A	300064615	AC Pre-wired Chassis	\$9,157.39
11014B	300064623	DC Pre-wired Chassis	\$9,157.39
11119A	300413432	8 Port Subrate DS3 Frame Relay/IP Processor Card (Memory Enhanced)(128MB). Minimum software rev. 04.02.02.xx	\$36,263.26
11118	300275260	8-Port Subrate DS3 Frame Relay/IP Connector Panel	\$2,747.22
11150A	300413424	32-Port T1/E1 Channelized / Unchannelized Frame Relay/IP Processor Card (128 MB). Minimum software revision 08.00.03.00.	\$33,516.04
11151	300397031	32-Port E1 Connector Panel.	\$1,923.05
11152	300397049	32-Port T1 Connector Panel.	\$1,923.05
11411B	300064631	Model 40 IP Enhanced (Min software required 03.01.00.00)	\$25,823.84
Slot Cards			
8-Port T1/E1 ATM Modules			
I/O processor cards and connector panels. Note: 11071 is obsoleted by 11071A and 11072 is obsoleted by 11072A. 11071A/11072A support enhanced VP shaping over OPTimum trunks. Minimum software revision:4.2.0.0			
11071A-128	300275674	8 Port T1 ATM Flow Control Processor Card. VP shaping with QoS - 128 MB. Minimum software revision 4.2.	\$19,230.51
11071A	408119998	8-Port T1 ATM Flow Control Card. VP shaping with QoS - 32 MB. Min SW Rev 02.00.05.00	\$19,230.51
11050-128	300275690	8 Port T1 ATM Processor Card - 128 MB. minimum software revision 4.2.0.0	\$10,988.86
11050	408119931	8-Port T1 ATM Processor Card - 32 MB	\$10,988.86
11051	408119949	8-Port T1 ATM Connector Panel	\$2,197.77
11072A-128	300275666	8 Port E1 ATM Flow Control Processor Card. VP shaping with QoS - 128 MB. Minimum software revision 4.2.0.0	\$19,779.96

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Model Number	Comcode	Description	Price
Pipeline 15 ISDN BRI Products			
11072A	408120012	8-Port E1 ATM Flow Control Card. VP shaping with QoS - 32 MB. Min SW Rev 02.00.05.00	\$19,779.96
11053-128	300275682	8 Port E1 ATM Processor Card - 128 MB. minimum software revision 4.2.0.0	\$11,538.31
11053	408119956	8-Port E1 ATM Processor Card - 32 MB	\$11,538.31
11054	408119964	8-Port E1 ATM Connector Panel 75 ohm	\$2,307.66
11055	408119972	8-Port E1 ATM Connector Panel 120 ohm	\$2,307.66
8-Port DS3/E3 ATM Modules			
I/O processor cards and connector panels. Note: 11073A replaces 11073 and 11074A replaces 11074.			
11073A-128	300275716	8 Port DS3 ATM Flow Control Processor Card. VP shaping with QoS - 128 MB. Minimum software revision 4.2.0.0	\$32,417.16
11073A	408120061	8-Port DS3 ATM Flow Control Processor Card. VP shaping with QoS - 32 MB. Min SW Rev 02.00.05.00, 04.02.00.00	\$32,417.16
11030-128	300275534	8 Port DS3 ATM Processor Card - 128 MB. Minimum software revision 4.2.0.0	\$24,175.51
11030	408120020	8-Port DS3 ATM Processor Card - 32 MB	\$24,175.51
11031	408120038	8-Port DS3 ATM Connector Panel	\$2,197.77
11074A-128	300275724	8 Port E3 ATM Flow Control Processor Card. VP shaping with QoS - 128 MB. Minimum software revision 4.2.0.0	\$33,625.93
11074A	408120079	8-Port E3 ATM Flow Control Processor Card. VP shaping with QoS - 32 MB. Min SW Rev 02.00.05.00	\$33,625.93
11033-128	300275708	8 Port E3 ATM Processor Card - 128 MB. Minimum software revision 4.2.0.0	\$25,384.28
11033	408120046	8-Port E3 ATM Processor Card - 32 MB	\$25,384.28
11034	408120053	8-Port E3 ATM Connector Panel	\$2,307.66
4-Port OC-3c/STM-1 ATM Modules			
I/O processor cards and connector panels			
11039A	300324605	Single mode Fiber, Long Reach Connector Panel	\$6,593.32
11075L-128	300275633	4 Port OC3/STM1 ATM Flow Control Processor Card. APS Capable - 128 MB. Minimum software revision 4.2.0.0	\$30,219.39
11075L	408120137	4-Port OC3/STM1 ATM Flow Control Processor Card - 32 MB. APS Capable. Minimum software revision 03.00.06.01	\$30,219.39
11058L-128	300275542	4 Port OC3/STM1 ATM Processor Card. APS Capable - 128 MB. Minimum software revision 4.2.0.0	\$21,977.74
11058L	408120129	4-Port OC3/STM1 ATM Processor Card - 32 MB. APS Capable. Minimum software revision 02.01.00.00	\$21,977.74
11041A	300317799	Multimode Fiber Connector Panel	\$2,747.21
11046A	300311222	Single Mode Fiber, Intermediate Reach, Connector Panel	\$4,395.56
11042	408120103	Copper (G.703) Connector Panel Complies with G.703 specification.	\$5,494.44
1-Port OC-12c/STM-4 ATM Modules			
I/O processor cards and connector panels			
11076A-128	300275641	1 Port OC12/STM4 ATM Flow Control Processor Card. VP shaping with QoS - 128 MB. Minimum software revision 4.2.	\$21,977.74
11076A	408120186	1-Port OC12/STM4 ATM Flow Control Processor Card. VP shaping with QoS. Min SW Rev 02.00.05.00	\$21,977.74
11060-128	300275658	1 Port OC12/STM4 ATM Processor Card - 128 MB. Minimum software revision 4.2.	\$13,736.09
11060	408120145	1-Port OC12/STM4 ATM Processor Card	\$13,736.09
11062	408120178	Single Mode Fiber, Long Reach, Connector Panel	\$5,494.44
11061	408120152	Single Mode Fiber, Intermediate Reach, Connector Panel	\$2,747.21
6-Port DS3 Frame Relay/IP Modules			
I/O Processor Cards and Connector Panels			
11101A	300275732	6 Port DS3 Frame Relay/IP Processor Card (Memory Enhanced). Minimum software revision 4.2.0.0	\$31,318.28
11101	408120202	6-Port DS3 Frame Relay/IP Processor Card. Min SW Rev 03.00.06.00	\$31,318.28

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Model Number	Comcode	Description	Price
		Pipeline 15 ISDN BRI Products	
11102	408120228	6-Port DS3 Frame Relay/IP Connector Panel	\$1,648.33
		4-Port 10/100 Ethernet Modules	
		I/O Processor Cards and Connector Panels. This card requires an IP Navigator License (70038). This card can also provide an IP Server function for ATM UNI ports.	
11107A	300275740	4 Port 10/100 Ethernet Processor Card (Memory Enhanced). Minimum software revision 4.2.0.0	\$25,823.84
11107	408120236	4-Port 10/100 Ethernet Processor Card. Min SW Rev 03.00.06.00	\$25,823.84
11108	408120244	4-Port 10/100 Ethernet Connector Panel	\$1,648.33
		4-Port Channelized DS3 Frame Relay/IP Modules	
11110	408120251	4 Port Channelized DS3 3/1 Frame Relay/IP Processor Card. Min SW Rev 03.02.00.01	\$71,977.08
11120	408120277	4 Port Channelized DS3 3/1/0 Frame Relay/IP Processor Card. Min SW Rev 04.00.00.00	\$88,460.38
11111	408120285	4 Port Channelized DS3 Connector Panel.	\$1,868.11
11112	408120301	4 Port Redundant DS3 Connector Panel.	\$2,747.22
		Hardware	
		CBX 500 Model 30 Switch Processor	
		5 Gbps. Switch Processor (SP). Provides Switch Fabric for all slots (#3-16). Includes stratum 3 Hold-over.	
11410	408124261	Model 30 Switch Processor	\$20,329.40
		CBX 500 Model 40B Switch Processor	
		IP Navigator on CBX 500. Minimum software revision 3.1.1.35. 5 Gbps. IP Enabled Switch Processor (SP). Provides Switch Fabric for all slots (#3- 16). Includes Stratum 3 Hold-over.	
11411BC	300412293	SP40BC minimum software revision of 2.1 MR1 , which is the 03.01.01.37, 03.02.03.12, 03.02.05.30, 03.02.05.70, 04.00.03.12, 04.02.00.12, 04.02.01.00	\$25,823.84
		CBX 500 Switch Processor Adapter	
		Redundant Switch Processor adapter with T1 and E1 external clocking inputs and outputs.	
11023F	300268422	Switch Processor Adapter with 440MB flash. Min SW rev. 02.00.07.16, 03.01.01.35, 03.02.03.10, 03.02.05.10, 03.05.00.00, 04.00.03.06, 04.02.00.04, 04.02.01.00 NSP = NOT SEPARATELY PRICED	\$4,395.55
		Base Systems	
		GX Redundant Base Unit Bundle	
		Inc. chassis (11519), redundant (2) 25Gbps switch fabric (11530), redun.(2)node processor (11540A), (2)timing modules(11550),single node processor adapter (11541), fan tray & filter packs(11630-11634), acces. kit(11660). Note: see 11540A for Min SW Req.	
11500A	300317658	GX550, Redundant base unit, NP with flash	\$67,154.20
		GX 550 Entry Unit Bundle	
		Inc. chassis(11519),single 25Gbps switch fabric(11530),single node processor(11540A), single timing module(11550), node processor adapter (11541), fan tray & filter packs(11630-11634), & accessory kit (11660). Note: see 11540A for min. software req.	
11502A	300317666	GX 550 Entry Unit with Flash	\$53,112.86
		GX 550 Chassis	
		Includes Chassis, (4) fan trays (11631-11634), and (3) fan filter pack (11630).	
11519	300064649	GX 550 Chassis DC (For AC Power (11520) is required).	\$9,157.39
		GX 550 Processor	
11530	408064608	GX 550 25 Gbps Switch Fabric. Provides switching fabric for all slots.	\$19,230.51

LUCENT TECHNOLOGIES

Model Number	Comcode	Description	Price
Pipeline 15 ISDN BRI Products			
11540A	300317575	GX550 Node Processor with Flash, Provides system level control and management. Minimum software requirements - 1.2.5.4, 2.1.3.2, 2.1.2.11(WCG), 1.5.0.0 and 2.2.0.0	\$8,241.65
11541	408064624	GX 550 Node Processor Adapter. Provides timing, management and alarm interfaces.	\$5,494.44
11550	408064632	GX 550 Timing Module. Provides system level timing.	\$6,593.32
GX 550 Power Options			
Note: *AC Power cords NOT included. Use B-STDX Country Kits for appropriate AC Power cords. (Product Codes 40057 - 63).			
11520	408065803	GX 550 AC Power Converter - Redundant unit. External AC to DC power converter. Includes (4) 1kW power units, AC shelf and associated cables. *AC Power Cords need to be ordered separately.	\$9,157.39
11522	408065811	Redundant Power Protection Unit. Includes PPU shelf, PPU Model and cables.	\$9,157.39
11640	408065829	AC Power Supply Shelf. Bare chassis that shelves single kW AC Power Units (11642).	\$6,104.93
11642	408065837	AC Power Unit. Single 1 kW power unit for AC Power Supply Shelf (11640)	\$2,441.98
Slot Cards			
GX 550 BIO Modules			
Universal BIO for all Phy cards.			
11560A	300276862	BIO 256. Base I/O Interface Module with 256K cell buffers. Supports Point-to-Multipoint SVCs and enhanced performance. Minimum software requirements - 1.2.4.0, 2.1.3.0	\$35,164.37
11564B	300324787	BIO II Hardware	\$63,185.98
GX 550 Products			
11501	300403987	GX550 Redundant Base Unit NP2 W/Flash. Note: see 11542A for Min SW req.	\$91,573.89
11503	300403979	GX550 ENTRY UNIT NP2 W/FLASH. Note: see 11542A for Min SW req.	\$65,322.71
11542A	300442209	GX550 Node Processor 2 (NP2) with flash (128MB) and 2G disk drive.	\$24,724.95
11506	300412004	GX 550ES Redundant Base Unit:	\$40,292.51
11507	300412012	GX 550ES Base Unit:	\$26,861.68
11504	300397056	GX 550ES CHASSIS	\$9,767.88
11505	300397064	1-PORT GX550 DOWNLINK PHY	\$3,846.10
11710	300148053	1- PORT Uplink Transport Phy. Minimum SW revision 02.03.01.00.	\$7,142.76
11711	300148061	1-PORT Uplink Phy	\$1,923.05
11723	300148079	4 PORT DS3 ATM/CE Transport	\$10,988.87
11724	300148087	4 PORT DS3 Phy	
11727	300411998	4 PORT DS3 Phy Redundant	\$2,142.83
4-Port OC3/STM-1 Phy Modules			
Phy modules; connect to BIO 128 or 256.			
11580	408064673	4-Port OC3/STM-1 SMF IR Phy	\$15,384.42
11581	408064681	4-Port OC3/STM-1 SMF LR Phy	\$18,681.07
11582	408064699	4-Port OC3/STM-1 MMF Phy	\$13,186.65
1-Port OC12/STM-4			
Phy Modules; connect to BIO 128 or 256.			
11590	408064707	1-Port OC12/STM-4 SMF IR Phy	\$7,692.21
11591	408064715	1-Port OC12/STM-4 SMF LR Phy	\$10,439.42
11592	408064723	1-Port OC12/STM-4 MMF Phy	\$6,868.04
1-Port Downlink			
Interconnect to GX 250. Must mate with GX 250 Uplink Phy which resides in GX 250 Chassis.			
11600	300148186	1 Port GX 250 Downlink Phy. Links the GX 550 to the GX 250. Resides in the GX 550 chassis.	\$4,395.56
1-Port OC48/STM-16			
Phy Module; connect to BIO 128 or 256.			

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Model Number	Comcode	Description	Price
Pipeline 15 ISDN BRI Products			
11593	408064731	1-Port OC48/STM-16 SMF IR Phy 1310NM	\$14,285.53
11594	300274792	GX 550 1 Port OC48/STM-16 SMF LR NM Phy 1550	\$20,878.84
VPN Firewall Bricks:			
4704-010	300019007	VPN Firewall Brick 201	\$6,589.66
4704-011	300018983	VPN Firewall Brick 201 with Encryption Accelerator Card	\$9,150.07
4704-026	300021649	NEBS Compliant Brick 201 w/ -48VDC	\$8,787.44
4704-027	300021656	NEBS Compliant Brick 201 with Encryption Accelerator Card w/ -48VDC	\$11,347.85
4704-791	300269560	VPN Firewall Brick 80	\$2,926.70
4704-016	300015260	Encryption Accelerator Card (for Brick 201 only)	\$2,560.41
4704-805	300318953	External 3.25" Floppy Drive (for Brick 80 only)	\$109.16
Technical Training Classes*			
4704-502	300023868	Lucent Security Management Server 3-Day Technical Training Class	\$2,930.37
MULTIBAND MAX 6000 OPTIONAL SOFTWARE AND SLOTCARDS			
MX-SL-2PMHP	407025337	Slotcard w/two (2) DTE V.35/RS449/X21 application IMUX DTE ports, with adapter cables	\$2,637.33
MX-SL-6PMHP	407025303	Slotcard w/six (6) DTE V.35/RS449/X21 application IMUX DTE ports, with adapter cables	\$4,285.66
MULTIBAND MAX 3000 OPTIONAL SOFTWARE AND SLOTCARDS			
MX-SL-8BRIN-C	300303534	Slotcard (8) BRI S/T interfaces for connecting to ISDN BRI S/T network services	\$2,032.94
MULTIBAND CSU/DSX UNITS			
MBV-T1DSX	407417930	MULTIBAND VSX 1PT T1 DSX IMUX 2634-038	\$4,282.37
MBV-T1CSU	407417948	MULTIBAND VSX 1PT T1 CSU IMUX 2634-036	\$4,743.90
OPTISTAR			
SD9150.9011	408270759	OptiStar OC-48c Network Adapter	\$7,809.42
SD9150.9027	408606432	OptiStar OC-48c Network Adapter with Transport Acceleration	\$7,809.42
SD9150.9013	408270692	OptiStar OC-12c Network Adapter	\$2,632.44
SD9150.9031	408542512	OptiStar Gigabit Ethernet Network Adapter	\$1,268.85
SD9150.9012	408303048	OptiStar FC1000R Network Adapter	\$2,144.05
SD9150.9004	108648262	Media Serve - FREE Download	\$1,948.69
OPTISTAR EDGESWITCH			
SD9150.9007	408454072	OptiStar EdgeSwitch OC-48c Network Module	\$13,479.68
SD9150.9008	408454080	OptiStar EdgeSwitch OC-12c Network Module	\$10,744.67
SD9150.9032	408454064	OptiStar EdgeSwitch GigEthernet- HSSDC Copper Module	\$5,665.37
SD9150.9034	408561025	OptiStar EdgeSwitch Gigabit Ethernet Network Module DB-9 Copper	\$5,665.37
SD9150.9006	408454908	OptiStar EdgeSwitch Gigabit Ethernet Network Module Multimode Fiber	\$6,251.44
SD9150.9026	408539724	OptiStar EdgeSwitch Gigabit Ethernet Network Module - Singlemode Fiber	\$6,642.16
SD9150.9023	408539823	OptiStar EdgeSwitch FCIP Network Module - Multimode	\$9,963.24
SD9150.9038	408629442	OptiStar EdgeSwitch FCIP Network Module - HSSDC	\$9,963.24
SD9150.9033	408454106	OptiStar EdgeSwitch Chassis - enclosure only (backplane & fans)	\$5,274.66
SD9150.9014	408454874	OptiStar EdgeSwitch Chassis - Base Configuration (backplane, fan, 2 power modules, 1 host controller)	\$17,777.55
SD9150.9019	408453678	OptiStar EdgeSwitch Power Module	\$1,855.90
SD9150.9009	408454056	OptiStar EdgeSwitch Host Controller	\$8,009.66
SD6099.1930	408539773	OptiStar EdgeSwitch singlemode Fibre GBIC	\$507.93
SD3010.5193	408539781	Optistar EdgeSwitch Multimode Fibre GBIC	\$371.18
SD3010.5202	408539799	OptiStar EdgeSwitch HSSDC Copper GBIC	\$175.82
SD6099.1914	408539807	OptiStar EdgeSwitch DB-9 Copper GBIC	\$175.82
AP-600			
AP-600-2LAN-PAK	300421039	AP600, (2) 10/100 CHANNEL BUNDLE	\$8,054.84
AP-SP-MB-AP600-128	300408705	SPARE AP-600 MOTHERBOARD	\$4,761.84
AP-SP-CHAS-AP600	300408697	SPARE AP-600 CHASS	\$2,930.36
AP-600 Model	300408689	MODEL AP-600	\$6,955.95

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Model Number	Comcode	Description	Price
Pipeline 15 ISDN BRI Products			
AP-ISDN-T1/E1-LAN-STR-8	300356052	8 FT RJ45 straight-through for ISDN or T1/E1	\$10.99
AP-LAN-XOVER-10	300356037	10 FT LAN (Ethernet) Crossover Cable	\$10.99
STANDALONE AP OS V2.5			
AP-SP-BASE-2-5	300408598	Standalone AP OS V2.5 Base AP450/600/1000	\$366.30
AP-SP-1DES-2-5	300408606	Standalone AP OS V2.5 1DES AP450/600/1000	\$732.59
AP-SP-3DES-2-5	300408614	Standalone AP OS V2.5 3DES AP450/600/1000	\$732.59
AP-SP-BASE-300-2-5	300408655	Standalone AP OS V2.5 Base AP300	\$366.30
AP QVPN BUILDER			
AP-QBSA-NT-2-4	300347218	AP QVPN Builder Small SP (Standalone) for NT	\$7,322.25
AP-QBCS-NT-2-4	300347226	AP QVPN Builder Large SP (Client/Server) for NT (incl. 6 client license)	\$18,311.12
AP-QBSA-SUN-2-4	300347234	AP QVPN Builder Small SP (Standalone) for SUN	\$7,322.25
AP-QBCS-SUN-2-4	300347242	AP QVPN Builder Large SP (Client/Server) for SUN (incl. 6 client license)	\$18,311.12
AP-QB-6PACK	300347259	AP QVPN Builder Large SP - additional 6 client add-on license	\$5,124.48
VPN FIREWALL			
	300323748	VPN Firewall Brick Model 20	\$1,095.22
	300348885	VPN Firewall Brick Model 1000 (5/4) Redundancy	\$62,266.58
	300351996	VPN Firewall Brick Model 1000 Failover VPN [3-10/100 Ethernet Ports/4-Gigabit Fiber Ports, Encryption Accelerator Card, Dual AC Power Supply]	\$64,464.36
	300219896	Maintenance-LWS MAINT - Brick 20 Remote technical support 7x24	\$57.19
	300219961	Maintenance-LWS MAINT - Brick 20 HW Repair & Replacement NBD	\$45.60
AP SW V2,5 AND 2.4			
AP-BASE-2-4	300351038	AP BASE SW V2.4 & docs	\$0.00
AP-1DES-2-4	300351046	AP 1DES SW V2.4 (QVPN) & docs	\$732.59
AP-3DES-2-4	300351053	AP 3DES SW V2.4 (QVPN) & docs	\$732.59
AP-ISDN-T1/E1-LAN-STR-8	300356052	8 FT RJ45 straight-through for ISDN or T1/E1	\$10.99
AP-LAN-XOVER-10	300356037	10 FT LAN (Ethernet) Crossover Cable	\$10.99
AP-SP-AP300-CNSL-12	300356011	12 ft. AP300 Console Cable	\$29.30
PMC ISDN			
AP-SP-PMC-0S**	408306710	PMC ISDN S/T Interface	\$366.30
AP-SP-PMC-0U**	408306736	PMC ISDN U Interface	\$366.30
Spare PMC			
AP-SP-PMC-09	300299856	Spare PMC Encryption Accelerator Card, provides high speed DES and/or 3DES encryption	\$2,197.77
AP-SP-LAN-XOVER-10	300356045	Spare10' LAN (Ethernet) Crossover Cable	\$10.99
AP-SP-ISDN-T1/E1-LAN-STR-8	300356060	Spare 8' ISDN, T1/E1 or LAN (Ethernet) Straight-Through Cable	\$10.99
AP-SP-AP300-PWRSUP	300356029	Spare AP300 Power Supply - AC only	\$73.26
AP-300-ST	300352226	Lan '2 10/100 ethernet ports-Wan ISDN S/T	\$2,560.41
AP-300-M-ST	300352242	Lan '2 10/100 ethernet ports Wan MSSl,ISDN S/T	\$2,853.44
AP-300-2T1E1-ST **	300352234	Lan '2 10/100 ethernet port Wan 2T1/E1,ISDN S/T	\$3,659.29
AP-300-M-U	300352267	Lan '2 10/100 ethernet ports Wan MSSl,ISDN,U	\$2,926.70
AP-300-2T1E1-U **	300352259	Lan '2 10/100 ethernet ports Wan 2T1/E1,ISDN U	\$3,732.55
AP300			
AP-BASE-300-2-5 **	300408622	AP300 BASE SW V2.5 & docs	\$0.00
AP-BASE-300-2-4	300352192	AP300 BASE SW V2.4 & docs	\$0.00
AP-1DES-300-2-4	300352200	AP300 1DES SW V2.4 (QVPN) & docs	\$732.59
AP-3DES-300-2-4	300352218	AP300 3DES SW V2.4 (QVPN) & docs	\$732.59
11013A	408125219	AC Power Supply	\$4,120.83

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Model Number	Comcode	Description	Price
Pipeline 15 ISDN BRI Products			
11013B	408125227	DC Power Supply	\$4,120.83
	300169166	RTS - 24x7 (inc. Web-based Support)	\$289.77
	300169208	Repair/Replacement - Next Business Day	\$231.82
	300169224	Repair/Replacement - 24x7x4hr	\$637.50
	300186632	On-site Technical Support - Next Business Day	\$173.86
	300169182	On-site Technical Support - 24x7x4	\$228.00
PSAX			
10P04	300402575	Rendundant PSAX 1000 19" Base System with -48 VDC power	\$6,104.93
10P03	300412723	Non-Rendundant PSAX 1000 19" Base System with -48 VDC power	\$4,273.45
02S01	300343910	Psax 20 19" Base System with 110 VAC Power Rel 6.5	\$9,157.39
02S01	300351160	Psax 20 19" Base System with 110 VAC Power Rel 7.0	\$9,157.39
10S00	300402542	PSAX 1000 19" Chasis	\$2,136.72
STRATUM 3.4			
10N11	300402567	Stratum 3-4 /-48 VDC Power Supply Module PSAX 1000 only	\$1,831.48
45N05	300331899	Stratum 3-4 Module PSAX 4500 only	\$4,883.94
20N05	300293529	Stratum 3-4 Module PSAX 1250 only	\$2,441.97
23N11	300331907	-48 VDC power supply for the PSAX 2300 & 4500 only	\$3,052.46
PSAX 1000			
10A14	300411915	PSAX 1000 Fan/Alarm Module Filter, spare	\$45.79
10N14	300402559	PSAX 1000 Fan/Alarm Module	\$305.25
10A19	300411873	19" Mounting Bracket with Hardware for PSAX 1000 Flush	\$30.52
10A20	300411881	19" Mounting Bracket with Hardware for PSAX 1000 Recessed	\$30.52
10A23	300411899	23" Mounting Bracket with Hardware for PSAX 1000 Flush	\$61.05
10A24	300411907	23" Mounting Bracket with Hardware for PSAX 1000 Recessed	\$61.05
20N36	300269842	6 Port Enhanced DS1/T1 Multiservice Module Rel 6.1.5	\$7,631.16
20N03	300419496	1 Port Unchannelized DS3 Frame Relay Module	\$6,104.93
CLIENT SERVER APPLICATION			
PSAX1000-AQV SO-ANC	109149435	For Managing One PSAX 1000	\$1,111.10
PSAX1250-AQV SO-ANC	109149443	For Managing One PSAX 1250	\$1,587.28
PSAX2300-AQV SO-ANC	109149450	For Managing One PSAX 2300	\$2,777.74
PSAX4500-AQV SO-ANC	109149468	For Managing One PSAX 4500	\$3,968.20
FIRMWARE			
41-23K02000	300348554	Firmware upgrade kit for Release 7.0 and subsequent releases. (1) kit required per	\$122.10
FITS			
10N88	300411816	Fite unoccupied LIM Module slot (PSAX 100 only)	\$9.16
10N05	300412731	Fits unoccupiedPower SupplyStratum (PSAX 1000 only)	\$15.26
QUADSERIAL			
42-23N07000	300331949	Quadserial Cable 10'	\$61.05
42-23N07001	300331956	Quadserial EIA-530 Cable DTE 10'	\$61.05
42-23N07002	300331964	Quadserial EIA-530 Cable DCE 10'	\$61.05
42-23N07003	300331972	Quadserial RS-232 Cable DCE 10'	\$61.05
42-23N07005	300331998	Quadserial RS-449 Cable DTE 10'	\$61.05
42-23N07006	300332004	Quadserial RS-449 Cable DCE 10'	\$61.05
42-23N07007	300332012	Quadserial V.35 Cable DTE 10'	\$61.05
42-23N07010	300402591	Quadserial V.21 Cable DTE 10'	\$61.05
	300199767	LWS MAINT - ATM CORE 5 ONSITE SUP - 24X7	\$2,964.00
	300199759	LWS MAINT - ATM CORE 5 ONSITE SUP - 8X5	\$2,223.00
	300199825	LWS MAINT - ATM CORE 5 PARTS RPLMNT - 24X7	\$8,151.00
	300199809	LWS MAINT - ATM CORE 5 PARTS RPLMNT - NBD	\$2,964.00

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Model Number	Comcode	Description	Price
Pipeline 15 ISDN BRI Products			
300199734		LWS MAINT - ATM CORE 5 REM SUP - 24X7	\$3,333.29
300209574		LWS MAINT - ATM CORE 6 ONSITE SUP - 24X7	\$4,560.00
300209632		LWS MAINT - ATM CORE 6 PARTS RPLMNT - 24X7	\$12,540.00
300209616		LWS MAINT - ATM CORE 6 PARTS RPLMNT - NBD	\$4,560.00
300209541		LWS MAINT - ATM CORE 6 REM SUP - 24X7	\$5,128.14
300214384		LWS MAINT - ATM CORE 7 ONSITE SUP - 24X7	\$8,892.00
300214442		LWS MAINT - ATM CORE 7 PARTS RPLMNT - 24X7	\$24,453.00
300214426		LWS MAINT - ATM CORE 7 PARTS RPLMNT - NBD	\$8,892.00
300214350		LWS MAINT - ATM CORE 7 REM SUP - 24X7	\$9,999.88
300223203		LWS MAINT - ATM CORE 8 ONSITE SUP - 24X7	\$18,240.00
300223260		LWS MAINT - ATM CORE 8 PARTS RPLMNT - 24X7	\$50,160.00
300223245		LWS MAINT - ATM CORE 8 PARTS RPLMNT - NBD	\$18,240.00
300223179		LWS MAINT - ATM CORE 8 REM SUP - 24X7	\$20,512.57
300168861		LWS MAINT - ATM EDGE 1 ONSITE SUP - 24X7	\$228.00
300168903		LWS MAINT - ATM EDGE 1 PARTS RPLMNT - 24X7	\$627.00
300168887		LWS MAINT - ATM EDGE 1 PARTS RPLMNT - NBD	\$228.00
300168846		LWS MAINT - ATM EDGE 1 REM SUP - 24X7	\$256.41
300190006		LWS MAINT - ATM EDGE 3 ONSITE SUP - 24X7	\$1,003.20
300190063		LWS MAINT - ATM EDGE 3 PARTS RPLMNT - 24X7	\$2,758.80
300190048		LWS MAINT - ATM EDGE 3 PARTS RPLMNT - NBD	\$1,003.20
300189974		LWS MAINT - ATM EDGE 3 REM SUP - 24X7	\$1,128.19
300205085		LWS MAINT - ATM EDGE 4 ONSITE SUP - 24X7	\$1,915.20
300205143		LWS MAINT - ATM EDGE 4 PARTS RPLMNT - 24X7	\$5,266.80
300205127		LWS MAINT - ATM EDGE 4 PARTS RPLMNT - NBD	\$1,915.20
300205051		LWS MAINT - ATM EDGE 4 REM SUP - 24X7	\$2,153.82
300199890		LWS MAINT - ATM EDGE 5 ONSITE SUP - 24X7	\$2,964.00
300199957		LWS MAINT - ATM EDGE 5 PARTS RPLMNT - 24X7	\$8,151.00
300199932		LWS MAINT - ATM EDGE 5 PARTS RPLMNT - NBD	\$2,964.00
300199866		LWS MAINT - ATM EDGE 5 REM SUP - 24X7	\$3,333.29
300209707		LWS MAINT - ATM EDGE 6 ONSITE SUP - 24X7	\$4,560.00
300209764		LWS MAINT - ATM EDGE 6 PARTS RPLMNT - 24X7	\$12,540.00
300209749		LWS MAINT - ATM EDGE 6 PARTS RPLMNT - NBD	\$4,560.00
300209673		LWS MAINT - ATM EDGE 6 REM SUP - 24X7	\$5,128.14
300167988		LWS MAINT - DSL 1 ONSITE SUP - 24X7	\$228.00
300168028		LWS MAINT - DSL 1 PARTS RPLMNT - 24X7	\$627.00
300168002		LWS MAINT - DSL 1 PARTS RPLMNT - NBD	\$228.00
300167962		LWS MAINT - DSL 1 REM SUP - 24X7	\$256.41
300188570		LWS MAINT - DSL 3 ONSITE SUP - 24X7	\$1,003.20
300188638		LWS MAINT - DSL 3 PARTS RPLMNT - 24X7	\$2,758.80
300188612		LWS MAINT - DSL 3 PARTS RPLMNT - NBD	\$1,003.20
300188547		LWS MAINT - DSL 3 REM SUP - 24X7	\$1,128.19
300203650		LWS MAINT - DSL 4 ONSITE SUP - 24X7	\$1,915.20
300203718		LWS MAINT - DSL 4 PARTS RPLMNT - 24X7	\$5,266.80
300203692		LWS MAINT - DSL 4 PARTS RPLMNT - NBD	\$1,915.20
300203627		LWS MAINT - DSL 4 REM SUP - 24X7	\$2,153.82
300198462		LWS MAINT - DSL 5 ONSITE SUP - 24X7	\$2,964.00
300198520		LWS MAINT - DSL 5 PARTS RPLMNT - 24X7	\$8,151.00
300198504		LWS MAINT - DSL 5 PARTS RPLMNT - NBD	\$2,964.00
300198439		LWS MAINT - DSL 5 REM SUP - 24X7	\$3,333.29
300208279		LWS MAINT - DSL 6 ONSITE SUP - 24X7	\$4,560.00
300208337		LWS MAINT - DSL 6 PARTS RPLMNT - 24X7	\$12,540.00
300208311		LWS MAINT - DSL 6 PARTS RPLMNT - NBD	\$4,560.00
300208246		LWS MAINT - DSL 6 REM SUP - 24X7	\$5,128.14
300169505		LWS MAINT - LMF / VPN 1 ONSITE SUP - 24X7	\$228.00

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Model Number	Comcode	Description	Price
Pipeline 15 ISDN BRI Products			
300169547		LWS MAINT - LMF / VPN 1 PARTS RPLMNT - 24X7	\$627.00
300169521		LWS MAINT - LMF / VPN 1 PARTS RPLMNT - NBD	\$228.00
300169489		LWS MAINT - LMF / VPN 1 REM SUP - 24X7	\$256.41
300196730		LWS MAINT - LMF / VPN 2 ONSITE SUP - 24X7	\$456.00
300196797		LWS MAINT - LMF / VPN 2 PARTS RPLMNT - 24X7	\$1,254.00
300196771		LWS MAINT - LMF / VPN 2 PARTS RPLMNT - NBD	\$456.00
300196706		LWS MAINT - LMF / VPN 2 REM SUP - 24X7	\$512.81
300201316		LWS MAINT - LMF / VPN 3 ONSITE SUP - 24X7	\$1,003.20
300201373		LWS MAINT - LMF / VPN 3 PARTS RPLMNT - 24X7	\$2,758.80
300201357		LWS MAINT - LMF / VPN 3 PARTS RPLMNT - NBD	\$1,003.20
300201282		LWS MAINT - LMF / VPN 3 REM SUP - 24X7	\$1,128.19
300205937		LWS MAINT - LMF / VPN 5 ONSITE SUP - 24X7	\$2,964.00
300205994		LWS MAINT - LMF / VPN 5 PARTS RPLMNT - 24X7	\$8,151.00
300205978		LWS MAINT - LMF / VPN 5 PARTS RPLMNT - NBD	\$2,964.00
300205903		LWS MAINT - LMF / VPN 5 REM SUP - 24X7	\$3,333.29
300210713		LWS MAINT - LMF / VPN 6 REM SUP - 24X7	\$5,128.14
300168069		LWS MAINT - MAX 1 ONSITE SUP - 24X7	\$228.00
300168101		LWS MAINT - MAX 1 PARTS RPLMNT - 24X7	\$627.00
300168085		LWS MAINT - MAX 1 PARTS RPLMNT - NBD	\$228.00
300168044		LWS MAINT - MAX 1 REM SUP - 24X7	\$256.41
300187895		LWS MAINT - MAX 2 ONSITE SUP - 24X7	\$456.00
300187952		LWS MAINT - MAX 2 PARTS RPLMNT - 24X7	\$1,254.00
300187937		LWS MAINT - MAX 2 PARTS RPLMNT - NBD	\$456.00
300187861		LWS MAINT - MAX 2 REM SUP - 24X7	\$512.81
300188703		LWS MAINT - MAX 3 ONSITE SUP - 24X7	\$1,003.20
300188760		LWS MAINT - MAX 3 PARTS RPLMNT - 24X7	\$2,758.69
300188745		LWS MAINT - MAX 3 PARTS RPLMNT - NBD	\$1,003.20
300188679		LWS MAINT - MAX 3 REM SUP - 24X7	\$1,128.19
300198595		LWS MAINT - MAX 5 ONSITE SUP - 24X7	\$2,964.00
300198652		LWS MAINT - MAX 5 PARTS RPLMNT - 24X7	\$8,151.00
300198637		LWS MAINT - MAX 5 PARTS RPLMNT - NBD	\$2,964.00
300198561		LWS MAINT - MAX 5 REM SUP - 24X7	\$3,333.29
300208402		LWS MAINT - MAX 6 ONSITE SUP - 24X7	\$4,560.00
300208469		LWS MAINT - MAX 6 PARTS RPLMNT - 24X7	\$12,540.00
300208444		LWS MAINT - MAX 6 PARTS RPLMNT - NBD	\$4,560.00
300208378		LWS MAINT - MAX 6 REM SUP - 24X7	\$5,128.14
300169729		LWS MAINT - MCU 1 REM SUP - 24X7	\$256.41
300193216		LWS MAINT - OTHR CORE 2 ONSITE SUP - 24X7	\$456.00
300193273		LWS MAINT - OTHR CORE 2 PARTS RPLMNT - 24X7	\$1,254.00
300193257		LWS MAINT - OTHR CORE 2 PARTS RPLMNT - NBD	\$456.00
300193182		LWS MAINT - OTHR CORE 2 REM SUP - 24X7	\$512.81
300190527		LWS MAINT - OTHR CORE 3 ONSITE SUP - 24X7	\$1,003.20
300190584		LWS MAINT - OTHR CORE 3 PARTS RPLMNT - 24X7	\$2,758.80
300190568		LWS MAINT - OTHR CORE 3 PARTS RPLMNT - NBD	\$1,003.20
300190493		LWS MAINT - OTHR CORE 3 REM SUP - 24X7	\$1,128.19
300219649		LWS MAINT - PIPES 0 ONSITE SUP - 24X7	\$45.60
300219706		LWS MAINT - PIPES 0 PARTS RPLMNT - 24X7	\$114.00
300219680		LWS MAINT - PIPES 0 PARTS RPLMNT - NBD	\$45.60
300219615		LWS MAINT - PIPES 0 REM SUP - 24X7	\$51.28
300168366		LWS MAINT - PM 1 REM SUP - 24X7	\$256.41
300191384		LWS MAINT - PM 2 REM SUP - 24X7	\$512.81
300208899		LWS MAINT - PM 6 REM SUP - 24X7	\$5,128.14
300188125		LWS MAINT - SW ACC 2 REM SUP - 24X7	\$512.81
300204013		LWS MAINT - SW ACC 4 REM SUP - 24X7	\$2,153.82

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Model Number	Comcode	Description	Price
Pipeline 15 ISDN BRI Products			
	300198827	LWS MAINT - SW ACC 5 REM SUP - 24X7	\$3,333.29
	300208634	LWS MAINT - SW ACC 6 REM SUP - 24X7	\$5,128.14
	300213444	LWS MAINT - SW ACC 7 REM SUP - 24X7	\$9,999.88
	300222585	LWS MAINT - SW ACC 8 REM SUP - 24X7	\$20,512.57
	300169083	LWS MAINT - SW CORE 1 REM SUP - 24X7	\$256.41
	300190360	LWS MAINT - SW CORE 3 REM SUP - 24X7	\$1,128.19
MultiVoice			
MXV6-GWT-48-AC	300351566	48-Port T1 MAX 6000 Bundle with AC power	\$12,016.94
MXV6-GWT-48-2AC	300351574	48-Port T1 MAX 6000 Bundle Dual AC power	\$15,631.05
MXV6-GWT-48-DC	300351582	48-Port T1 MAX 6000 Bundle with DC power	\$12,920.47
MXV6-GWT-48-2DC	300351590	48-Port T1 MAX 6000 Bundle Dual DC power	\$15,631.05
MXV6-GWE-60-AC	300351608	60-Port E1 MAX 6000 Bundle with AC power	\$12,016.94
MXV6-GWE-60-2AC	300351616	60-Port E1 MAX 6000 Bundle Dual AC power	\$16,082.82
MXV6-GWE-60-DC	300351624	60-Port E1 MAX 6000 Bundle with DC power	\$13,372.23
MXV6-GWE-60-2DC	300351632	60-Port E1 MAX 6000 Bundle Dual DC power	\$16,082.82
MXV6-SO-GW	300351673	VoIP GW software for the MAX 6000	\$1,709.38
MXV6-SO-RTFAX	300351681	Real Time FAX software for the MAX 6000.Requires MXV6-SO-GW	\$854.69
MAX 6000			
MX60-4E1-32-AC	300271566	MAX 6000 E1 with (1) AC power supply and 32MB DRAM card	\$6,324.70
MX60-4E1-32-DC	300271574	MAX 6000 E1 with (1) DC power supply and 32MB DRAM card	\$6,324.70
MX60-4T1-32-AC	300271590	MAX 6000 T1 with (1) AC power supply and 32MB DRAM card	\$6,324.70
MX60-4T1-32-DC	300271582	MAX 6000 T1 with (1) DC power supply and 32MB DRAM card	\$6,324.70
MX60-T1AC-D48NA	300352911	48-Port T1 MAX 6000 Bundle with ISDN and FR software enabled	\$9,984.00
MX60-T1AC-D96NA	300352903	MAX 6096 4PT T1 ACCDEV 96PT MULTI-DSP GDA	\$14,501.64
MX60-E1AC-D60IX	300352937	60-Port E1 MAX 6000 Bundle with ISDN, FR and R2 software enabled	\$9,984.00
MX60-E1AC-D120IX	300352929	120-Port E1 MAX 6000 Bundle with ISDN, FR and R2 software enabled	\$14,049.88
MX-SL-8BRIT-C	300338928	8 Port ISDN BRI T S/T Terminal	\$2,032.94
MX-SL-8BRIU-C	300338902	8 Port ISDN BRI U	\$2,032.94
MX-SL-48M-DSP	300331550	MAX MultiDSP 48 Port Card	\$3,162.35
MX-SL-60M-DSP	300331543	MAX MultiDSP 60 Port Card.	\$3,614.12
MX60-OSLIC	300350998	Base TAOS RTU software license for the MAX 6000	\$948.71
MX60-TAOSUP-91	300473410	TAOS Upgrade DC-ROM to version 9.1 RTU on (1) one MAX 6000 unit. Upgrade from TAOS 7.x, 8.x or 9.x	\$474.35
MX60-TAOSUP-10-0	300560034	TAOS (RTU) upgrade fee to version 10.0 from any release for one (1) MAX 6000 unit. Upgrade from TAOS 7.x, 8.x or 9.x	\$474.35
MX30-TAOSUP-91	300473402	TAOS Upgrade DC-ROM to version 9.1 RTU on (1) one MAX 3000 unit. Upgrade from TAOS 7.x, 8.x or 9.x	\$293.65
MX30-TAOSUP-10-0	300560026	TAOS Upgrade DC-ROM to version 10.0 RTU on (1) one MAX 3000 unit. Upgrade from TAOS 7.x, 8.x or 9.x	\$293.65
MX60-SO-PHS21	300268521	Max 6000 PHS 1.0/2.0 Upgrade to 2.1	\$406.59
MX60-SO-PPTP	300433448	PPTP Tunneling Software Option.	\$677.65
MX60-SO-ATMP	300433430	ATMP Tunneling Software Option.	\$677.65
MXHP-RS449	300076239	7-Foot shielded cable with male DB-44 to male DC-37. Does not include gender changer.	\$67.76
MXHP-V35	407434877	7-Foot shielded cable with male DB-44 to male V.35. Does not include gender changer.	\$90.35
MXHP-X21	300076320	For use with all P130, P220, and SuperPipe 155 & 175 V.35 models	\$90.35
MX60-FLASH-8MB	407930056	8MB PCMCIA Flash for MAX 6000.	\$451.76
MX60-RM19	300075900	19-Inch Rack Mount for MAX 6000.	\$45.18
MX60-SP-RM19-RP	300076080	19-Inch Rack Mount for MAX 6000 with Redundant Power Supplies.	\$45.18
MAX TNT			
TNT-SL-SWAN2-C	300313145	4-Port Serial Wan Card	\$8,058.50
TNT-SL-E100ND-C	300304193	4-Port, 10/100 Port Voice Ethernet Module for APX 8000 and TNT	\$7,325.91
TNT-SL-UOC3CP-C	300313111	1 port unchannelized OC3/STM1 ATM module Copper	\$5,860.73

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Model Number	Comcode	Description	Price
Pipeline 15 ISDN BRI Products			
TNT-SL-UOC3LF-C	300313137	1 port unchannelized OC3/STM1 ATM module Long Haul Fiber	\$6,593.32
TNT-SL-UOC3SF-C	300313129	1 port unchannelized OC3/STM1 ATM module Short Haul Fiber	\$6,593.32
TNT-SL-PCTFI-C	300293610	TNT/APX 8000 PCTFI Slot Card Interface to the 5ESS Switch.	\$3,296.66
TNT-SL-FL10-E1	300076460	10 Unchann.E1 plus CSU Module	\$3,846.10
TNT-SL-FL10-E750	300071529	10 UNCHAN.E1 + CSU W/75 OHM	\$4,395.55
TNT-OSLIC	300351004	Base TAOS RTU software license for the MAX TNT	\$5,494.43
TNT-TAOSUP-91	300473428	TAOS (RTU) upgrade fee to version 9.1 from any release for one (1) MAX TNT unit. Upgrade from TAOS 7.x, 8.x or 9.x	\$2,747.22
TNT-TAOSUP-10-0	300560042	TAOS (RTU) upgrade fee to version 10.0 from any release for one (1) MAX TNT unit. Upgrade from TAOS 7.x, 8.x or 9.x	\$2,747.22
TNT-SO-ISDN	407698760	ISDN PRI support for North America.	\$1,648.33
TNT-SO-ISDN-IX	300071503	Enables ISDN Signaling Software for most E1/PRI countries.	\$2,747.22
TNT-SO-R2	300071495	R2 tone-based support for most E1 countries.	\$2,747.22
TNT-SO-SDTN	300561495	Supports the dial access requirements of financial transaction network applications	\$5,494.43
TNT-SO-L2F	300162765	L2F Tunneling Protocol	\$3,296.66
TNTV-SO-SIP	300439965	Enables Session Initiation Protocol (SIP) software on the MAX TNT. Requires TNTV-SO-GW	\$8,546.90
TNT-Chassis	300560075	TNT Chassis without a power supply or shelf controller	\$1,648.33
TNT-SP-FLASH-32	300304201	32MB PCMCIA Flash Card for TNT	\$549.44
TNT-SP-SC	407734169	Spare Single-Shelf Controller for TNT. Supports MultiShelf with TAOS releases pre 10.0	\$3,846.10
APX 1000			
APX1	300411519	(1) APX1000 chassis, (1) system controller, (1) 32 MB flash card, and (1) fan bezel	\$6,312.49
APX1-VO	300411527	(1) APX1000 chassis, (1) system controller, (1) 32 MB flash card, and (1) fan bezel Support for Voice over Internet Protocol (VoIP) applications only,	\$6,312.49
APX1-SL-24CT1CE1	300411535	Channelized 24 T1/E1 module	\$9,181.81
APX1-SL-CT1-C	300452786	8-Port Channelized T1 Slot Card with integrated CSU/DSUs	\$2,295.45
APX1-SL-CE1-75O-C	300398013	8-Port channelized E1 module with 75 Ohm termination.	\$2,295.45
APX1-SL-CE1-C	300398005	Single-slot module that has (8) E1 interfaces to provide full access for up to 240 analog or digital sessions.	\$2,295.45
APX1-SL-CT3-C	300397999	Channelized T3 module with DS-3 interface. 4 BNC connector interface.	\$4,590.90
APX8-SL-96DSP	300164423	96-port MultiDSP card supports the following codecs: G.711 (a-law, mu-law), G.729a, T.38 FAX	\$11,721.46
APX-SL-DSP-3	300345899	288-port MultiDSP card supports the following codecs: G.711 (a-law, mu-law),G.729a, T.38 FAX	\$21,977.73
APX-SL-DSP-3-L	300345881	240-port MultiDSP card supports the following codecs: G.711 (a-law, mu-law), G.729a, T.38 FAX	\$19,230.52
APX8-SL-UDS3A2-C	300294113	1 port unchannelized DS3 ATM module	\$4,395.55
APX1-SL-E100	300419470	4-port 10/100 Ethernet module for APX1000	\$6,312.49
APX-SL-E10-100	300518479	2-port, 10/100 Ethernet Module for APX and TNT platform	\$5,128.14
APX1-OSLIC	300352879	Base TAOS RTU software license for the APX 1000	\$5,738.63
APX1-TAOSUP-10-0	300560067	TAOS (RTU) upgrade fee to version 10.0 from any release for one (1) APX 1000 unit. Upgrade from TAOS 7.x, 8.x or 9.x	\$3,443.18
APX1-SO-ISDN	300411691	ISDN PRI support for North America.	\$1,721.59
APX1-SO-ISDN-IX	300411709	ISDN Signaling Software for most E1/PRI countries.	\$2,869.32
APX1-SO-R2	300411758	R2 tone-based support for most E1 countries.	\$8,034.08
APX1-SO-FR	300411667	Frame Relay Software.	\$1,721.59
APX1-SO-ATMP	300411659	ATMP Tunneling Protocol.	\$3,443.18
APX1-SO-IPINIP	300411683	IP in IP Tunneling Protocol.	\$3,443.18
APX1-SO-L2TP	300411717	L2TP Tunneling Protocol.	\$3,443.18
APX1-SO-PPTP	300411741	PPTP Tunneling Protocol.	\$3,443.18

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Model Number	Comcode	Description	Price
Pipeline 15 ISDN BRI Products			
APX1-SO-VR	300411774	Virtual Routing Capability.	\$3,443.18
APX1-SP-VPN	300411790	ATMP, PPTP, L2TP, VR, and IP in IP tunneling protocols.	\$10,903.40
APX1-SO-SDTN	300561503	Supports the dial access requirements of financial transaction network applications	\$5,738.63
APX1-SP-VOIP	300411634	MultiVoice VOIP software package. Includes APX1-SO-GW and APX1-SO-RTFAX	\$8,546.90
APX1-SO-GW	300411618	APX 1000 MultiVoice GW SW	\$8,546.90
APX1-SO-RTFAX	300411626	MultiVoice RT Fax. Requires APX1-SO-GW.	\$1,709.38
APX1-SO-FGD	300411600	MultiVoice Feature Group D Signalling Software APX 1000	\$3,418.76
APX1-SO-SIP	300518065	Enables Session Initiation Protocol (SIP) software on the APX 1000. Requires APX1-SO-GW	\$8,546.90
APX1-SO-PHS	300411725	PHS Software Option.	\$2,295.45
APX1-SO-PHS21	300411733	PHS 1.0/2.0 Upgrade to 2.1. Requires PHS Software Option APX1-SO-PHS.	\$1,721.59
APX1-SO-V110	300411766	V.110 Software Option.	\$2,295.45
APX1-SP-PIAFS21	300411782	PIAFS Software Package. Includes APX1-SO-PHS and APX1-SO-PHS21.	\$4,017.04
APX1-SO-ANC6	300418530	NavisAccess Network Management SW(ver 6) for standard mgm on the APX1000	\$4,025.89
APX1-SO-ANC-V6	300418548	NavisAccess Network Management SW(ver 6) for VOIP mgmt on the APX1000. Requires APX1-SO-ANC6 and APX1V-SO-GW	\$1,339.73
APX1-SP-ANC-VOIP6	300418555	NavisAccess Network Management SW (ver 6) for std mgmt and VoIP support on the APX1000. Includes APX1-SO-ANC6 and APX1-SO-ANCV6. Requires APX1-SO-GW.	\$5,365.62
APX1-SO-IPDC	300411675	Enables IPDC Signaling.	\$11,477.26
APX1-PS-FILLER	300411576	Filler panel for the AC or DC Power Supply Slots.	\$68.86
APX1-FILL-IN	300411584	Filler panel for Ingress slot (5)	\$25.82
APX1-SP-SC	300411568	(1) System Controller Module.	\$4,017.04
APX1-SP-AC	300411543	(1) AC Power Unit.	\$1,147.73
APX1-SP-DC	300411550	(1) DC Power Unit.	\$1,721.59
APX1-SP-FAN	300341740	(1) Fan tray assembly.	\$549.44
APX1-SP-RM	300411592	Rack Mount kit for 19inch or 23 inch racks. For front and mid mounting	\$114.77
APX1-SP-CABMNT	300473444	Rack mounts used for installation of an APX 1000 into a cabinet instead of a rack	\$57.39
APX 8000			
APX8-SL-96DSP	300164423	96-port MultiDSP card supports the following codecs: G.711 (a-law, mu-law), G.729a, T.38 FAX	\$11,721.46
APX8-SO-L2F	300270634	L2F Tunneling Protocol	\$6,043.88
APX8-SO-SDTN	300561511	Supports the dial access requirements of financial transaction network applications	\$16,483.30
APXV-SP-VOIP	300312998	MultiVoice VOIP software package. Includes APXV-SO-GW and APXV-SO-RTFAX, supports 4 DS3s	\$36,324.31
APXV-SO-GW	300269289	APX MultiVoice GW SW for up to 4 DS3s of VOIP	\$36,324.31
APXV-SO-RTFAX	300269297	APX MultiVoice Real-Time FAX SW for APX 8000. Requires APXV-SO-GW to operate.	\$12,820.35
APXV-SO-FGD	300279221	APX MultiVoice FGD Software for APX 8000. Requires APXV-SO-GW to operate.	\$12,820.35
APX8-SO-SIP	300439973	Enables Session Initiation Protocol (SIP) software on the APX 8000. Requires APXV-SO-GW	\$27,777.41
Access Point 600 Base System			
AP-PMC-0A	300299534	PMC Gigabit Ethernet 1000BASE-SX Interface Module with Multimode Fiber SC-Duplex Connector. AP-1500 Model Only.	\$4,395.55
AP-PMC-0B	300299542	PMC Packet-over SONET OC-3/STM-1 Interface Module with Single Mode Fiber-Intermediate Reach SC-Duplex Connector. AP-1500 Model Only.	\$6,959.62
AP-PMC -0C	300299559	PMC Packet-over SONET OC-3/STM-1 Interface Module with Multimode Fiber SC-Duplex Connector. AP-1500 Model Only.	\$5,494.43

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Model Number	Comcode	Description	Price
<p style="text-align: center;">Pipeline 15 ISDN BRI Products</p> <p style="text-align: center;">Access Point Software</p> <p style="text-align: center;">Base Software License</p>			
AP-BASE-300-3-0	300443207	BASE Software Package V3.0 for AP-300 includes Basic IP Routing – (OSPF, RIP, RIP-2, BGP), QoS and Firewall (CBQ), Denial of Services facilities, WAN Protocol Support (PPP, MLPPP, Frame Relay, MLFR ,SMDs), VLAN Support, RADIUS client, DHCP Relay, Secure Management (SNMPv3, SSH, HTTPS, Embedded Web Browser, Secure Copy/Shell, TFTP, TFTP, Telnet). (AP-300 Models Only)	No Charge
AP-ADVNET-300-3-0	300443215	ADVNET (Advanced Networking) Package V3.0 for AP-300 includes BASE software plus , L2TP LNS & LAC, PPPoE/A , Mobile IP HA/FA support, IP-IP, and GRE Tunneling. (AP-300 Models Only)	\$1,095.22
AP-QVPN-300-3-0	300443223	QVPN (Quality of Service and VPN) Package V3.0 for AP-300 includes BASE software plus IPSec tunneling, encryption (1DES/3DES), and authentication (MD5, SHA-1) for site-to-site and remote access VPN's. (AP-300 Models Only)	\$1,095.22
AP-IPSVCS-300-3-0	300443231	IPSVCS (IP Services Software) Package V3.0 for AP-300 includes the functionality of both the QVPN and Advanced Networking Feature Packages. (AP-300 Models Only)	\$2,047.59
AP-SP-BASE-300-3-0	300443249	Standalone BASE Software Package V3.0 for AP-300 includes Basic IP Routing – (OSPF, RIP, RIP-2, BGP), QoS and Firewall (CBQ), Denial of Services facilities, WAN Protocol Support (PPP, MLPPP, Frame Relay, MLFR ,SMDs), VLAN Support, RADIUS client, DHCP Relay, Secure Management (SNMPv3, SSH, HTTPS, Embedded Web Browser, Secure Copy/Shell, TFTP, TFTP, Telnet). (AP-300 Models Only)	\$728.93
AP-SP-ADVNET-300-3-0	300443256	Standalone ADVNET (Advanced Networking) Package V3.0 for AP-300 includes BASE software plus , L2TP LNS & LAC, PPPoE/A , Mobile IP HA/FA support, IP-IP, and GRE Tunneling. (AP-300 Models Only)	\$1,095.22
AP-SP-QVPN-300-3-0	300443264	Standalone QVPN (Quality of Service and VPN) PackageV3.0 for AP-300 includes BASE software plus IPSec tunneling, encryption (1DES/3DES), and authentication (MD5, SHA-1) for site-to-site and remote access VPN's. (AP-300 Models Only)	\$1,095.22
AP-SP-IPSVCS-300-3-0	300443272	Standalone IPSVCS (IP Services Software) Package V3.0 for AP-300 includes the functionality of both the QVPN and Advanced Networking Feature Packages. (AP-300 Models Only)	\$2,047.59
AP-BASE-600-3-0	300443280	BASE Software Package V3.0 for AP-600 includes Basic IP Routing (OSPF, RIP, RIP-2), BGP, QoS and Firewall (CBQ), Denial of Services facilities, WAN Protocol Support (PPP, MLPPP, Frame Relay, MLFR, SMDs, ATM), VLAN Support, RADIUS client, DHCP Relay, Secure Management (SNMPv3, SSH, HTTPS, Embedded Web Browser, Secure Copy/Shell, TFTP, TFTP, Telnet). (AP-600 Models Only)	No Charge
AP-ADVNET-600-3-0	300443298	ADVNET (Advanced Networking) Package V3.0 for AP-600 includes BASE software plus Advanced Routing functions (IS-IS), L2TP LNS & LAC, PPPoA, Mobile IP HA/FA support, IP-IP, and GRE Tunneling. (AP-600 Models Only)	\$1,754.56
AP-QVPN-600-3-0	300443306	QVPN (Quality of Service and VPN) Package V3.0 for AP-600 includes BASE software plus IPSec tunneling, encryption (1DES/3DES), and authentication (MD5, SHA-1) for site-to-site and remote access VPN's. (AP-600 Models Only)	\$1,754.56
AP-IPSVCS-600-3-0	300443314	IPSVCS (IP Services Software) Package V3.0 for AP-600 includes the functionality of both the QVPN and Advanced Networking Feature Packages. (AP-600 Models Only)	\$3,366.26
AP-SP-BASE-600-3-0	300443322	Standalone BASE Software Package V3.0 for AP-600 includes Basic IP Routing (OSPF, RIP, RIP-2), BGP, QoS and Firewall (CBQ), Denial of Services facilities, WAN Protocol Support (PPP, MLPPP, Frame Relay, MLFR, SMDs, ATM), VLAN Support, RADIUS client, DHCP Relay, Secure Management (SNMPv3, SSH, HTTPS, Embedded Web Browser, Secure Copy/Shell, TFTP, TFTP, Telnet). (AP-600 Models Only)	\$1,315.00

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Model Number	Comcode	Description	Price
Pipeline 15 ISDN BRI Products			
AP-SP-ADVNET-600-3-0	300443330	Standalone ADVNET (Advanced Networking) Package V3.0 for AP-600 includes BASE software plus Advanced Routing functions (IS-IS), L2TP LNS & LAC, PPPoA, Mobile IP HA/FA support, IP-IP, and GRE Tunneling. (AP-600 Models Only)	\$1,754.56
AP-SP-QVPN-600-3-0	300443348	Standalone QVPN (Quality of Service and VPN) Package V3.0 for AP-600 includes BASE software plus IPsec tunneling, encryption (1DES/3DES), and authentication (MD5, SHA-1) for site-to-site and remote access VPN's. (AP-600 Models Only)	\$1,754.56
AP-SP-IPSVCS-600-3-0	300443355	Standalone IPSVCS (IP Services Software) Package V3.0 for AP-600 includes the functionality of both the QVPN and Advanced Networking Feature Packages. (AP-600 Models Only)	\$3,366.26
AP-BASE-1500-3-0	300443363	BASE Software Package V3.0 for AP-1500 includes Basic IP Routing (OSPF, RIP, RIP-2, BGP), QoS and Firewall (CBQ), Denial of Services facilities, WAN Protocol Support (PPP, MLPPP, Frame Relay, MLFR, SMDS, ATM, PoS), VLAN Support, RADIUS client, DHCP Relay, Secure Management (SNMPv3, SSH, HTTPS, Embedded Web Browser, Secure Copy/Shell, TFTP, TFTP, Telnet). (AP-1500 Models Only)	No Charge
AP-ADVNET-1500-3-0	300443371	ADVNET (Advanced Networking) Package V3.0 for AP-1500 includes BASE software plus Advanced Routing functions (IS-IS), L2TP LNS & LAC, PPPoA, Mobile IP HA/FA support, IP-IP, and GRE Tunneling. (AP-1500 Models Only)	\$2,926.70
AP-QVPN-1500-3-0	300443389	QVPN (Quality of Service and VPN) Package V3.0 for AP-1500 includes BASE software plus IPsec tunneling, encryption (1DES/3DES), and authentication (MD5, SHA-1) for site-to-site and remote access VPN's. (AP-1500 Models Only)	\$2,926.70
AP-IPSVCS-1500-3-0	300443397	IPSVCS (IP Services Software) Package V3.0 for AP-1500 includes the functionality of both the QVPN and the Advanced Networking Feature Packages. (AP-1500 Models Only)	\$5,490.77
AP-SP-BASE-1500-3-0	300443405	Standalone BASE Software Package V3.0 for AP-1500 includes Basic IP Routing (OSPF, RIP, RIP-2, BGP), QoS and Firewall (CBQ), Denial of Services facilities, WAN Protocol Support (PPP, MLPPP, Frame Relay, MLFR, SMDS, ATM, PoS), VLAN Support, RADIUS client, DHCP Relay, Secure Management (SNMPv3, SSH, HTTPS, Embedded Web Browser, Secure Copy/Shell, TFTP, TFTP, Telnet). (AP-1500 Models Only)	\$2,194.11
AP-SP-ADVNET-1500-3-0	300443413	Standalone ADVNET (Advanced Networking) Package V3.0 for AP-1500 includes BASE software plus Advanced Routing functions (IS-IS), L2TP LNS & LAC, PPPoA, Mobile IP HA/FA support, IP-IP, and GRE Tunneling. (AP-1500 Models Only)	\$2,926.70
AP-SP-QVPN-1500-3-0	300443421	Standalone QVPN (Quality of Service and VPN) Package V3.0 for AP-1500 includes BASE software plus IPsec tunneling, encryption (1DES/3DES), and authentication (MD5, SHA-1) for site-to-site and remote access VPN's. (AP-1500 Models Only)	\$2,926.70
AP-SP-IPSVCS-1500-3-0	300443439	Standalone IPSVCS (IP Services Software) Package V3.0 for AP-1500 includes the functionality of both the QVPN and Advanced Networking Feature Packages. (AP-1500 Models Only)	\$5,490.77
AP-SP-256MEM-UPG	300443447	Spare AP-1500 256MB Upgrade; Upgrades SDRAM from 128MB to 256MB.	\$2,564.07
AP-SP-CHAS-AP1500	300443454	Spare AP-1500 Chassis (Shell Only)	\$2,930.36
AP-SP-MB-AP1500-128	300443462	Spare AP-1500 Motherboard with 128 MB Memory	\$6,593.32
AP-SP-MB-AP1500-256	300443470	Spare AP-1500 Motherboard with 256 MB Memory	\$8,791.09
AP-QBSA-NT-3-0	300443504	Access Point QVPN Builder Mngmnt Software AP QVPN Builder Small SP (Standalone) for NT	\$7,322.25
AP-QBSA-SUN-3-0	300443520	AP QVPN Builder Small SP (Standalone) for SUN	\$7,322.25
Spare Ap-600/AP-100/AP-1500 Chasis Motherboards, Memory, & Power Supplies			

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Model Number	Comcode	Description	Price
Pipeline 15 ISDN BRI Products			
AP-SP-PMC-0A	408306561	Spare PMC Gigabit Ethernet Interface Module with Multimode Fiber SC-Duplex Connector. NOTE: Supported only on the AP-1000 and AP-1500 Models.	\$4,395.55
AP-SP-PMC-0B	408306587	Spare PMC Packet-over-SONET Interface Module with Single Mode Fiber- Intermediate Reach SC-Duplex Connector. NOTE: Supported only on the AP-1000 and Ap-1500 Models.	\$6,959.62
AP-SP-PMC-0C	408306629	Spare PMC Packet-over-SONET Interface Module with Multimode Fiber SC-Duplex Connector. NOTE: Supported only on the AP-1000 and AP-1500 Models.	\$5,494.43
AP-SP-ADVNET-300-2-5	300428539	Spare Advanced Networking Software Package V2.5 for AP-300 includes base software, Advanced Routing functions (IS-IS), L2TP LNS Support, IP-IP and GRE Tunneling, Mobile IP HA/FA support (AP-300 Models Only)	\$1,095.22
AP-QVPN-300-2-5	300428547	QVPN Software Package V2.5 for AP-300 includes base software plus IPsec tunneling, encryption (3DES/DES), and authentication (MD5, SHA-1) for site-to-site and remote access VPNs. (AP-300 Models Only)	\$1,095.22
AP-SP-QVPN-300-2-5	300428554	Spare QVPN Software Package V2.5 for AP-300 includes base software plus IPsec tunneling, encryption (3DES/DES), and authentication (MD5, SHA-1) for site-to-site and remote access VPNs. (AP-300 Models Only)	\$1,095.22
AP-IPSVCS-300-2-5	300428562	IP Services Software Package V2.5 for AP-300 includes all features in both the Advanced Networking & QVPN Feature Packages. (AP-300 Models Only)	\$2,047.59
AP-SP-IPSVCS-300-2-5	300428570	Spare IP Services Software Package V2.5 for AP-300 includes all features in both the Advanced Networking & QVPN Feature Packages. (AP-300 Models Only)	\$2,047.59
AP-BASE-600-2-5	300428588	Base Software Package V2.5 for AP-600 includes IP routing, Class-based Queuing, WAN protocol support (PPP, MLPPP, Frame Relay, SMDS, ATM), Firewall and Denial of Services facilities, VLAN Support, RADIUS client, DHCP Relay, Secure Management (SNMPv3, embedded Web Browser, HTTP/HTTPS, Secure Copy/Shell, TFTP, Telnet). (AP-600 Models Only)	No Charge
AP-SP-BASE-600-2-5	300428596	Spare Base Software Package V2.5 for AP-600 includes IP routing, Class-based Queuing, WAN protocol support (PPP, MLPPP, Frame Relay, SMDS, ATM), Firewall and Denial of Services facilities, VLAN Support, RADIUS client, DHCP Relay, Secure Management (SNMPv3, embedded Web Browser, HTTP/HTTPS, Secure Copy/Shell, TFTP, Telnet). (AP-600 Models Only)	\$1,315.00
AP-ADVNET-600-2-5	300428604	Advanced Networking Software Package V2.5 for AP-600 includes base software, Advanced Routing functions (IS-IS), L2TP LNS Support, IP-IP and GRE Tunneling, Mobile IP HA/FA support (AP-600 Models Only)	\$1,754.56
AP-SP-ADVNET-600-2-5	300428612	Spare Advanced Networking Software Package V2.5 for AP-600 includes base software, Advanced Routing functions (IS-IS), L2TP LNS Support, IP-IP and GRE Tunneling, Mobile IP HA/FA support (AP-600 Models Only)	\$1,754.56
AP-QVPN-600-2-5	300428620	QVPN Software Package V2.5 for AP-600 includes base software plus IPsec tunneling, encryption (3DES/DES), and authentication (MD5, SHA-1) for site-to-site and remote access VPNs. (AP-600 Models Only)	\$1,754.56
AP-SP-QVPN-600-2-5	300428638	Spare QVPN Software Package V2.5 for AP-600 includes base software plus IPsec tunneling, encryption (3DES/DES), and authentication (MD5, SHA-1) for site-to-site and remote access VPNs. (AP-600 Models Only)	\$1,754.56
AP-IPSVCS-600-2-5	300428646	IP Services Software Package V2.5 for AP-600 includes all features in both the Advanced Networking & QVPN Feature Packages. (AP-600 Models Only)	\$3,366.26
AP-SP-IPSVCS-600-2-5	300428653	Spare IP Services Software Package V2.5 for AP-600 includes all features in both the Advanced Networking & QVPN Feature Packages. (AP-600 Models Only)	\$3,366.26
Access Point 1000& 600 ONLY Spare Interface Modules			

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Model Number	Comcode	Description	Price
Pipeline 15 ISDN BRI Products			
AP-SP-CHAS-AP600	300408697	Spare AP-600 Chassis (Shell only), No Motherboard, No Memory, No Power Supply	\$2,930.36
AP-SP-MB-AP600-128	300408705	Spare AP-600 Motherboard with 128 MB Memory	\$4,761.84
VPN Firewall Bricks:			
	300019007	VPN Firewall Brick Model 201 Basic	\$6,589.66
	300018983	VPN Firewall Brick Model 201 VPN	\$9,150.06
	300546884	VPN Firewall FIPS-140 Brick Model 201 Basic	\$7,322.25
	300546892	VPN Firewall FIPS-140 Brick Model 201 VPN	\$9,882.65
	300269578	VPN Firewall Brick Model 300 Basic	\$8,787.43
	300269586	VPN Firewall Brick Model 300 VPN	\$11,347.84
	300348976	VPN Firewall Brick Model 1000 DC NEBS (5/4)	\$65,929.54
	300352002	VPN Firewall Brick Model 1000 DC NEBS (3/4)	\$68,127.31
	300533882	VPN Firewall Brick Model FIPS-140 1000 (5/4)	\$62,999.18
	300533890	VPN Firewall Brick Model FIPS-140 1000 (3/4)	\$65,559.58
	300533874	FIPS HW Kit	\$732.59
	300533858	External Power Supply for Brick 80 & 20	\$69.60
	300533866	Null Modem Serial Port Cable	\$25.64
Lucent Security Management Server Software v7.0 (168 Bit):			
	300531761	LSMS v7.0 (168-bit) Premium Package (for Brick Model 1000)	\$18,314.78
	300532603	LSMS v7.0 (168-bit) Premium Redundancy Package (for Brick Model 1000)	\$9,157.39
	300532611	LSMS v7.0 (168- & 56-bit) Uplift to Premium Package (for Brick Model 1000 Users)	\$15,384.41
	300532629	LSMS v7.0 (168-bit) Basic Package (for Brick Models 20, 80, 201, 300, & 500)	\$4,395.55
	300532637	LSMS v7.0 (168-bit) Basic Redundancy Package (for Brick Models 20, 80, 201, 300 and 500)	\$2,197.77
	300532645	LSMS v7.0 (56-bit) Premium Package (for Brick Model 1000)	\$18,314.78
	300532652	LSMS v7.0 (56-bit) Premium Redundancy Package (for Brick Model 1000)	\$9,157.39
	300532660	LSMS v7.0 (56-bit) Basic Package (for Brick Models 20, 80, 201, 300 and 500)	\$4,395.55
	300532678	LSMS v7.0 (56-bit) Basic Redundancy Package (for Brick Models 20, 80, 201, 300 and 500)	\$2,197.77
	300532777	LSMS v7.0 (168-bit) Premium Upgrade Pkg (for LSMS 5.1 and 6.0 Premium Pkg End-Users)	\$10,988.87
	300532793	LSMS v7.0 (168-bit) Basic Upgrade Pkg (for LSMS 5.1 and 6.0 Basic Pkg End-Users)	\$2,930.36
	300532801	LSMS v7.0 (56-bit) Premium Upgrade Pkg (for LSMS 5.1 and 6.0 Premium Pkg End-Users)	\$10,988.87
	300532819	LSMS v7.0 (56-bit) Basic Upgrade Pkg (for LSMS 5.1 and 6.0 Basic Pkg End-Users)	\$2,930.36
	300552007	LSMS FIPS140-1/OSMINE Compliant Software Package	\$4,761.84
Hardware Upgrade Licenses			
	300532918	Brick Mgmt Upgrade License Pkg 1 - Upgrade HW license to add 5 Bricks to the current license	\$1,220.99
	300532934	Brick Mgmt Upgrade License Pkg 2 - Upgrade HW license to add 25 Bricks to the current license	\$6,104.93
	300532967	Brick Mgmt Upgrade License Pkg 3 - Upgrade HW license to add 50 Bricks to the current license	\$12,209.85
	300533023	Brick Mgmt Upgrade License Pkg 4 - Upgrade HW license to add 100 Bricks to the current license	\$24,419.70
Lucent IPSec Client v4.1 License Packages			
	300532686	IPSec Client 4.1 (168-Bit) SW CD Only	\$18.31
	300532694	IPSec Client 4.1 (56-Bit) SW CD Only	\$18.31
	300532710	50-Additional IPSec Client Tunnels License	\$805.85
	300532728	100-Additional IPSec Client Tunnels License	\$1,208.78

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Model Number	Comcode	Description	Price
Pipeline 15 ISDN BRI Products			
	300532736	500-Additional IPsec Client Tunnels License	\$4,029.25
	300532744	1000-Additional IPsec Client Tunnels License	\$7,325.91
	300532751	5000-Additional IPsec Client Tunnels License	\$28,204.76
	300532769	10,000-Additional IPsec Client Tunnels License	\$44,688.06
LSMS & IPsec Client Software Subscriptions			
	300533098	Basic Option - LSMS SW Subscription <i>Includes a license for 5 Bricks and 5 IPsec Client Users.</i>	\$2,441.97
	300533312	Premium Option - LSMS SW Subscription <i>Includes a license for 5 Bricks and 105 IPsec Client Users.</i>	\$9,767.88
	300533361	5 Bricks Added Option - LSMS SW Subscription	\$610.49
	300533411	25 Bricks Added Option - LSMS SW Subscription	\$3,052.46
	300533452	50 Bricks Added Option - LSMS SW Subscription	\$6,104.93
	300533486	100 Bricks Added Option - LSMS SW Subscription	\$12,209.85
	300546900	50-User IPsec Client Software Subscription <i>[Certificate for enrollment into program]</i>	\$634.91
	300546918	100-User IPsec Client Software Subscription <i>[Certificate for enrollment into program]</i>	\$976.79
	300546926	500-User IPsec Client Software Subscription <i>[Certificate for enrollment into program]</i>	\$3,418.76
	300546934	1,000-User IPsec Client Software Subscription <i>[Certificate for enrollment into program]</i>	\$5,860.73
	300546942	5,000-User IPsec Client Software Subscription <i>[Certificate for enrollment into program]</i>	\$22,466.13
	300546959	10,000-User IPsec Client Software Subscription <i>[Certificate for enrollment into program]</i>	\$35,652.77
LSMS 7.0 User Manuals			
	300532868	This package is a complete hardcopy set of manuals for release 7.0	\$244.20
10N04	300573730	Stratum 3-4 / 110/220 VAC Power Supply Module, PSAX 1000 only	\$2,014.63
10N10	300447828	Stratum 3-4 / 24 VDC Power Supply Module, PSAX 1000 only	\$2,014.63
10P01	300574589	PSAX 1000 Non-Redundant Base System with 110/220 VAC Power	\$4,700.79
10P02	300574605	PSAX 1000 Redundant Base System with 110/220 VAC Power	\$6,715.42
10P05	300452182	Non-Redundant PSAX 1000 Base System with 24VDC power	\$4,700.79
10P06	300452190	Redundant PSAX 1000 Base System with 24VDC power	\$6,715.42
10P21	300433075	Release 7.1.3 CPU3L Module, PSAX 1000	\$7,325.91
10P21	300468022	Release 7.1.4 CPU3L Module, PSAX 1000	\$7,325.91
10P21	300564242	Release 7.1.5 CPU3L Module, PSAX 1000	\$7,325.91
10P22	300473618	Release 8.0.0 CPU3L Module, PSAX 1000	\$7,325.91
10P23	300564275	Release 8.1.0 CPU3 Module, PSAX 1000	\$7,325.91
20A22511	300439312	Navis AQueView Element Management Software, R5.1.1 Client/Server Application for HP OpenView/Solaris	\$11,904.61
20A22600	300519485	Navis AQueView Element Management Software, R6.0.0 Client/Server Application for HP OpenView/Solaris	\$11,904.61
20A22610	300574985	Navis AQueView Element Management Software, R6.1.0 Client/Server Application for HP OpenView/Solaris	\$11,904.61
20F00625	300439247	PSAX CO System Software Release 6.2.5	\$6,104.93
20F00633	300439213	PSAX CO System Software Release 6.3.3	\$6,104.93
20F00654	300536349	PSAX CO System Software Release 6.5.4	\$6,104.93
20F00702	300442928	PSAX CO System Software Release 7.0.2	\$6,104.93
20F00713	300433059	PSAX CO System Software Release 7.1.3	\$6,104.93
20F00714	300467990	PSAX CO System Software Release 7.1.4	\$6,104.93
20F00715	300564218	PSAX CO System Software Release 7.1.5	\$61,049.26
20F008001	300473790	PSAX CO System Software Release 8.0.0	\$6,104.93
20F00810	300564259	PSAX CO System Software Release 8.1.0	\$6,104.93
20N30	300074796	8 Port 2 Wire Station Module	\$3,907.15
20N32	300074804	4 Port 2 Wire Office Module	\$3,907.15

LUCENT TECHNOLOGIES

Model Number	Comcode	Description	Price
Pipeline 15 ISDN BRI Products			
20P23	300439254	Release 6.2.5 CPU2 Module, PSAX 1250 & 2300	\$8,546.90
20P24	300439221	Release 6.3.3 CPU2 Module, PSAX 1250 & 2300	\$8,546.90
20P25	300536356	Release 6.5.4 CPU2 Module, PSAX 1250, 2300, & 4500	\$8,546.90
20P26	300442936	Release 7.0.2 CPU2 Module, PSAX 1250, 2300, & 4500	\$8,546.90
20P27	300433067	Release 7.1.3 CPU2 Module, PSAX 1250, 2300, & 4500	\$8,546.90
20P27	300468006	Release 7.1.4 CPU2 Module, PSAX 1250, 2300, & 4500	\$8,546.90
20P27	300564226	Release 7.1.5 CPU2 Module, PSAX 1250, 2300, & 4500	\$8,546.90
20P28	300473592	Release 8.0.0 CPU2 Module, PSAX 1250, 2300, & 4500	\$8,546.90
20P29	300564267	Release 8.1.0 CPU2 Module, PSAX 1250, 2300, & 4500	\$8,546.90
21A22511	300439320	Navis AQueView Element Management Software, R5.1.1 Standalone Application	\$5,952.30
21A22600	300519493	Navis AQueView Element Management Software, R6.0.0 Standalone Application	\$5,952.30
21A22610	300574993	Navis AQueView Element Management Software, R6.1.0 Standalone Application	\$5,952.30
23N02	300433109	3 Port Unstructured DS3/E3 CES Module	\$3,968.20
23N03	300433117	3 Port Channelized DS3/STS-1e CES Module	\$18,314.78
23N12	300471406	1 Port Channelized OC-3c/STM-1 CES Multimode Module	\$18,314.78
23N13	300471414	1 Port Channelized OC-3c/STM-1 CES Single Mode Module	\$19,535.76
23N25	300570629	DSP2F Voice Server Module	\$13,430.84
23N26	300433034	DSP2E Voice Server Module	\$7,325.91
23N29	300433091	DSP2D Voice Server Module	\$18,314.78
23N33	300325362	12 Port Medium Density DS1 IMA Module	\$7,325.91
23N34	300325370	21 Port High Density E1 IMA Module	\$11,599.36
23N35	300550605	24 Port High Density DS1 Multiservice Module	\$13,430.84
23N40	300430287	4 Port Ethernet Module	\$4,578.69
23N60	300277316	1 Port Channelized DS3 Multiservice Module	\$19,535.76
23N72	300433125	1 Port OC-12c/STM-4 1+1 APS/MSP Multimode Module	\$11,294.11
23N73	300433133	1 Port OC-12c/STM-4 1+1 APS/MSP Single Mode Module	\$11,294.11
23N74	300429420	3 Port DS3/E3 ATM Module	\$4,883.94
23N75	300550589	1 Port Channelized OC-3/STM-1 Unstructured CES/ATM Multimode Module	\$18,314.78
23N76	300550597	1 Port Channelized OC-3/STM-1 Unstructured CES/ATM Single Mode Module	\$19,535.76
24N64	300430337	12 Port DS1/E1/DS0A CES Module	\$5,372.34
24N72	300429453	4 Port OC-3c/STM-1 1+1 APS/MSP Multimode Module	\$18,314.78
24N73	300429446	4 Port OC-3c/STM-1 1+1 APS/MSP Single Mode Module	\$19,535.76
24P02	300419504	Redundant PSAX 2300 19" Base System with -48 VDC power	\$12,087.75
41-00K00000	300269859	Firmware Installation for PSAX I/O Module Firmware	\$915.74
45N01	300442951	3 Port DS3/E3/STS-1e Line Interface Module for the PSAX 4500	\$610.49
45N02	300550621	3 Port Unstructured DS3/E3 CES Protection Module	\$3,968.20
45N03	300429479	3 Port Channelized DS3/STS-1e CES Protection Module	\$18,314.78
45N74	300429438	3 Port DS3/E3 ATM Protection Module	\$4,883.94
45N79	300429461	Alarm Module, PSAX 4500	\$915.74
45P02	300532587	Redundant PSAX 4500 19" Base System with -48 VDC power	\$29,547.84
45S00	300532579	PSAX 4500 19" Chassis	\$12,087.75