

**Schools and Libraries
Eligible Service Lists
Internal Connections List
As of December 4, 2003**

NOTE: Internal Connections are components located at the applicant site that are necessary to transport information to classrooms, publicly accessible rooms of a library and to eligible administrative areas or buildings. Internal Connections include connections within, between or among instructional buildings that comprise a school campus or library branch.

Internal Connections List

| Service | Brief Description | Eligible (Yes/No) | SPIN |
|--------------------------------|--|---|-----------------------------|
| 911/E911 Enhancements to PBX | Enhancements to PBX for 911 services. | No | N/A |
| Access Point | A base station in a wireless LAN. Typically stand-alone device. | Conditional. Only if part of an eligible internal connection. | Not Available through Qwest |
| Antenna | A device for transmitting, receiving or both transmissions. | Conditional. Only if part of an eligible internal connection. | Not Available through Qwest |
| Asbestos Removal | Cost for the removal of asbestos. | No | N/A |
| Attendant Console, PBX/Centrex | Equipment used to transfer incoming calls to the appropriate extension when systems are not equipped with DID | Yes | 143000132 |
| Automatic Call Distribution | Provides automatic call distributions evenly to the next available agent so that productivity is maintained and inbound calls are handled efficiently. | No | N/A |
| Automatic Route Selection | Service that routes calls to the most efficient and least | Yes | 143000132 |

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| | cost routing. | | |
| Back-up Equipment | Equipment used in context of data protection, such as a tape back-up system. | Conditional. Only if part of an eligible internal connection. | 143000132 |
| Back-up Power Supply | Power supplies that serves as a back-up in the event that the main power goes down. | Conditional. Only if part of an eligible internal connection. | 143000132 |
| Battery Back-up | A battery which provides power to a unit or system when the main AC power fails. | Conditional. Only if part of an eligible internal connection. | 143000132 |
| Battery Module | A module that is a component for back-up power supply. | Conditional. Only if part of an eligible internal connection. | 143000132 |
| Beeper | Pager | No | N/A |
| Broadband Amplifier | A device used to amplify UHF, VHF, FM radio signals. | Yes | N/A through Qwest |
| Broadband VHF & UHF Preampifiers | Used with wide band TV antennas. | No | N/A |
| Broadcast/Cable Equipment | Applies to equipment used in the transmission or receipt of broadcast TV, broadcast radio, or cable television service. | No | N/A |
| Bundled Products | Products that contain both eligible and ineligible components may be partially eligible. Example, product that contains an audio-video codec (conditional eligibility) a microphone (ineligible) might be partially funded if the equipment manufacturer | Conditional | Depends upon product service offering. |

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| | provides a cost breakdown of components. | | |
| Cabinet Mounted Power Strips | Incidental to equipment cabinets installed to house equipment. | Conditional Only if part of an eligible internal connection. | 143000132 |
| Cabinet | An enclosure for equipment, terminating cables, connection devices and/or wires. | Conditional. Only if part of an eligible internal connection. | 143000132 |
| Cable Boxes | Name used by some for a cable modem. Connect the computer to the cable network for data connectivity. | Conditional. If used for Internet access it is eligible. If part of end user equipment for Cable TV, not eligible | Not Available through Qwest. |
| Cable Modem | Name used by some for a cable modem. Connect the computer to the cable network for data connectivity. | Conditional. If used for Internet access it is eligible. If part of end user equipment for Cable TV, not eligible | Not Available through Qwest. |
| Cabling | See Wiring | Conditional | 143000132 |
| Caching Components | Stores recently accessed information, so that it can be displayed more quickly if require again. | Conditional. If priced separately, not eligible. | Not Available through Qwest. |
| Call Account Systems | Comprehensive call costing systems that provide detail on usage by calls, departments, individuals. | No | N/A |
| Call Sequencer | Distributes incoming telephone calls among a select number of stations or telephones. | No | N/A |
| Camera | A device for taking visual pictures, either | No | N/A |

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| | still or moving. | | |
| Cartridge Magnetic Tape | Holds a magnetic tape and is storage | No | N/A |
| CD Tower | Multi-bay CD ROM storage devices to provide high-speed access to text, pictures, video. | No | N/A |
| Channel Service/Data Service Unit (CSU/DSU) | Device that terminate a digital channel at a customer premises. It performs certain line coding, line conditioning and equalization functions. | Yes | 143000132 143001157 |
| Circuit Card | A board with microprocessors, transistors and other small electronic components. | Conditional. Only if they are a component part of an eligible internal connection. | Not Available through Qwest. |
| Client Access Licenses | A Client Access License is a software licensing approach used by some vendors and provides authorization to access a software product. | Conditional. Only if part of an eligible internal connection. | Not Available through Qwest. |
| CODEC | Equipment that compresses and decompresses audio and video signals. | Yes | 143000132 |
| Communications Server | Gateway to packetized signals of a LAN to async telephone lines. | Yes | 143000132 143001157 |
| Conduit/Raceway | Housing internal communications to operate a local area network. | Conditional. Only if part of an eligible internal connection. | 143000132 |
| Connector | A device that electrically connects wires/fibers in cable to equipment or wires/fibers. | Yes | 143000132 |
| Service | Brief Description | Eligible | SPIN |

| | | (Yes/No) | |
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| Consumables | Miscellaneous components such as tape, splicing materials, labels, and wire wrap are all eligible in included as part of an original installation. | Conditional. Only if part of an eligible internal connection. | Qwest includes in price of product and services. |
| Copper Backbone Cabling | Physical/electrical connections between telecommunications closets and equipment | Conditional. Only if part of an eligible internal connection. | 143000132 143001157 |
| Coupler | Cable companies use it to connect more than one TV to the cable feed. | Conditional. Only if part of an eligible internal connection. | Not Available through Qwest. |
| DAT Digital Tape Drive | File server used to store digital data onto a cassette. | Conditional. Only if part of an eligible internal connection. | Not Available through Qwest. |
| Digital Video Disc, Digital Versatile Disc DVD | CD-ROM disks. | No | N/A |
| Digital Video Read Only | DVD plays or reproduces music, voice and/or video. | No | N/A |
| DIMM | Dual In-Line Memory Module holds circuit board with memory chips. | Conditional. Only if part of an eligible internal connection. | Not Available through Qwest. |
| Disaster Recovery | Restore service to network that has suffered a disaster. | No | N/A |
| Documentation | Support materials for products and services such as blueprints, equipment specifications etc. | Conditional. Only part of an eligible internal connection. | Qwest includes in price of product and services. |
| Edge Device | Router or Ethernet-to-ATM switch that directly connects to the ATM network. | Yes | 143000132 143001157 |

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| E911 Reader Board | Adjunct hardware for a PBX to make 911 calls. | Yes | 143000132 143001157 |
| Electrical Systems Upgrades | Additional electronic circuits and outlets to accommodate additional hardware equipment. | Conditional. Only part of an eligible internal connection. | Qwest includes in price of product and services. |
| Enhanced Multimedia Interface | Interface to PC or workstations on ATM to send and receive full motion video. | Yes | Not Available through Qwest. |
| Environmental Monitoring Card/Meter | Interruptible power supply card used to monitor environmental in computer room. | No | N/A |
| Ethernet Card | Connects end-users to run on fast Ethernet LAN. | Conditional. Only if part of an eligible internal connection. | Not Available through Qwest. |
| Ethernet Converter | Interface between the network and the server or workstation. | Conditional. Only if part of an eligible internal connection. | 143000132 143001157 |
| Ethernet Network Module | NIC card allows for the transmittal of messages to and from the Ethernet LAN. | Conditional. Only part of an eligible internal connection. | Not Available through Qwest. |
| Faceplate | A cover that fits around pushbutton or rotary dial phones. | No | N/A |
| FAX Machine | A device that sends image of documents for the public switch network. | No | N/A |
| File Server | A server, or file server, is a shared computer on LAN | A computer or device on a network that manages the resources Caching Server CD Rom Server DHCP Server Domain Name Server E Mail Server | No No No Yes Yes Yes No Yes |

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| | | File Server Firewall Server Communications Server Terminal Server Web Server | Yes Yes |
| Firewall | A hardware and software combination that sits at the boundary between an organization's network and the outside world, and protects the network against unauthorized access or intrusions. | Yes. A firewall is necessary to ensure operation of the network and is eligible for discount. | 143000132 143001157 |
| FRAD | A device that supports frame relay services at small remote sites. | Yes | 143000132 |
| Frame Relay PVCs | Part of frame relay, logical connection. | Yes | 143005231 143001157 |
| Graphic Cards/Adapters | A circuit board that is fitted to a computer, containing necessary video memory and other electronics to provide a bit map display. | Conditional. Only if part of an eligible internal connection. | Not Available through Qwest. |
| Hard Disk Array Control and Drives | Several disk drives that are written in such a way that is a single drive is lost, the data continues to be stored on another drive. Storage devices. | Conditional. Only if part of an eligible internal connection. | Not Available through Qwest. |
| Head-End Equipment | CAT/Video equipment that is the originating point of signal in cable TV. | No | N/A |
| Homework Hotline Equipment | Equipment used to provide assistance with students homework such as text to voice translation modules, automatic dialers, recording devices. | No | N/A |

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| Hub | Control point for a central connection, multiple ports that connect multiple computers in a network. | Yes | 143000132 143001157 |
| Intercom System | Internal communication system. | No | N/A |
| Key System KSU | Small phone system. | Conditional. Only for the computer or common equipment portion. | 143000132 |
| LAN | Local Area Networks, a short distance data communications network. | Yes | Depends upon product service offering. |
| Laptop Computer | Portable computer. | Conditional. Only part of an eligible internal connection. | Not Available through Qwest. |
| Lightning Arrestor | Protection device from lightning. | No | N/A |
| Line Sharing Display | A device that allows multiple users to share a common network resource in a multi-point environment. | Yes | 143000132 |
| Maintenance | Maintenance that meets the conditions given in the "Technical Support" is eligible. | Conditional. Only if part of an eligible internal connection. | 143000132 143001157 |
| Mast | Pole for antenna | Yes | Not Available through Qwest. |
| Master Control Unit | Maintains control on a video system. | Conditional. Only for the computer or common equipment portion. | 143000132 143001157 |
| Media Converter | Module that converts media to a media for network connectivity. | Yes | 143000132 143001157 |

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| Medium Access Unit (MAU) | Device used to terminate 10Base-T link. Transmit, receive, collision detection and loopback functions directed through the device. | Yes | Not Available through Qwest |
| Messaging | Voice Mail system | No | N/A |
| Modem | A device that converts data signals into suitable form for transmission. | Conditional. Only for the computer or common equipment portion. | 143000132 143001157 |
| Modem Eliminator | Wiring device used in place of a modem to interconnect cables and devices typically connected by modem. | Conditional. Only if part of an eligible internal connection. | 143000132 143001157 |
| Monitors | Workstation | Conditional. Only if part of an eligible internal connection. | Not Available through Qwest. |
| Multimedia Kit | A package of hardware and software that adds multimedia capabilities to a computer. | No | N/A |
| Multiplexing | Equipment that allows two or more signals to pass over one circuit. | Conditional. Only if part of an eligible connection. | 143000132 143001157 |
| Multiport Serial Cards | Printed circuit card installed in an expansion slot of a computer that changes the parallel internal communication to one at a time. | Conditional. Only if part of an eligible internal connection. | Not Available through Qwest. |
| Network Interface Card | Card on the computer that connects the LAN to the workstation. | Conditional. Only part of an eligible internal connection. | Not Available through Qwest. |
| Network Interface Devices | Device installed between the public switch network and | Conditional. Only if part of an eligible | 143000132 |

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| | the customer premises inside wire. | internal connection. | |
| Network Management Systems | Equipment or software used in monitoring, controlling and managing a data communications network. | No | N/A |
| Network Switches | A switch is a mechanical or electronic device that completed or breaks an electrical path or selects the paths for communications. | Conditional. Only if part of an eligible connection. | 143000132 143001157 |
| Paging/Equipment System | Public address system for overhead paging or beepers. | No | N/A |
| PC Attendant Console | Computer based receptionist answering position. | Conditional. Only if part of an eligible internal connection. | 143000132 |
| Personal Computer | Computers | No | N/A |
| Personal Digital Assistant | Handheld devices that combines computing, telephone/fax and networking features. | No | N/A |
| Phone Modems | A device that converts data signals into suitable form for transmission. | Conditional. Only for the computer or common equipment portion. | 143000132 143001157 |
| Power Conditioner | Device that filters undesirable noise. | No | N/A |
| Power Poles | Metal or plastic pipes used for the distribution of telecommunications and electronic wiring. | No | N/A |
| Power Strips | Additional power connectors. | Conditional. Only if of an eligible internal connection. | 143000132 |
| Print Server | A network computer that controls one or more printers that can | No | N/A |

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| | be shared by users. | | |
| Printer | Device that prints computer information. | No | N/A |
| Private Branch Exchange | Telephone switching system owned by the customer. | Conditional. Some components such programming modules are not eligible. | 143000132 |
| Processor Terminator Card | A device installed in a computer and used to signal that only one processor is installed in a system. | Conditional. Only if part of an eligible internal connection. | Not Available through Qwest. |
| Programming Changes | Charges for programming operational software. | Conditional. Only if they are a component part of an eligible internal connection. | 143000132 |
| Public Address system | Overhead announcements with speakers and amplifiers. | No | N/A |
| Proxy Server | A device that sits between workstations inside and organization and the Internet and provides security features. | No | N/A |
| Private Video Branch Exchange | A Video switching system owned by the customer. | Conditional. Some components such programming modules are not eligible. | 143000132 143001157 |
| Raceway | Metal or plastic channel used for holding electrical or phone wire. | Conditional. Only if they are a component part of an eligible internal connection. | 143000132 |
| Rack Mounted Power Strips | Additional power connectors installed on house equipment. | Conditional. Only if they are a component | 143000132 143001157 |

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| | | part of an eligible internal connection. | |
| Racks | A metal supporting framework for mounting cables, equipment or wires. | Conditional. Only if they are a component part of an eligible internal connection. | 143000132 |
| RAD | Rapid application development programming system that enables programmers to quickly build working programs. | No | N/A |
| RAID | A category of disk that employs two or more drives in combination for fault tolerance and performance. | Conditional. Only if part of an eligible internal connection. | Not Available through Qwest. |
| Relay I/O Module | Integrates full UPS control into dry contact. | Conditional. Only if part of an eligible internal connection. | Not Available through Qwest. |
| Remote Access Router | A router on a LAN with a digital DSU/CSU built in for dial-up or remote access of a network. | Conditional. Only if part of an eligible internal connection. | 143000132 143001157 |
| Remote Access Server | Multi Protocol for dian-in, dial-out and LAN to LAN connections over both analog and digital phone lines. | Conditional. Only if part of an eligible internal connection. | 143000132 143001157 |
| Routers | Switching devices that can act as an interface between two networks and connect different segments such as departments or floors in a building. | Conditional. Only if part of an eligible internal connection. | 143000132 143001157 |
| Satellite Dishes | Device to receive satellite data. | No | N/A |
| Service | Brief Description | Eligible (Yes/No) | SPIN |

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| SCSI | Scuzzy Disk Drive more efficient and faster than a typical hard drive. | Conditional. Only if part of an eligible internal connection. | Not Available through Qwest |
| Serial Cards | A serial card is a printed circuit card installed in an expansion slot of a computer that provides one or more service ports. | Conditional. Only if part of an eligible internal connection. | 143000132 143001157 |
| Servers | A computer or device on a network that manages the resources Caching Server CD Rom Server DHCP Server Domain Name Server E Mail Server File Server Firewall Server Communications Server Terminal Server Web Server | No No No Yes Yes Yes No Yes Yes Yes | 143000132 143001157 |
| SNMP System Management Module | Simple Network Management Protocol, manages devices and their interaction with TCP/IP. | Yes | Qwest includes in price of product and services. |
| Software | Operational Software Application Software E-Mail Software | See Special Eligibility Conditions. Application Software is not eligible. | Offered as part of a package from Qwest. Otherwise not available through Qwest. |
| Spare Parts | Hardware sorted in a storage closet and are used to replace hardware that failed. | No | N/A |
| Service | Brief Description | Eligible (Yes/No) | SPIN |

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| Speakerphone | Two way hands free conversation | No | N/A |
| Speakers for PC/File Server | Speakers for PC | Conditional. Only if they are bundled with file server components. | Not Available through Qwest |
| Station Message Detail Recording | Software to provide detailed information on calling patterns, long distance, trunk availability. | No | N/A |
| Storage Products | Electronic data storage | Conditional. Only if they are bundled with file server components. | Not Available through Qwest |
| Surge Protector | A device that protects equipment from high voltage spikes or surges. | No | N/A |
| Switchboard | Attendant/receptionist console | Yes | 143000132 143001157 |
| Switches | A device that directs the flow of electrical or optical signals from one side to the other. | Yes | 143000132 143001157 |
| System Improvements and Upgrades | Changes to current configuration | Conditional. Only if part of an eligible internal connection. | 143000132 143001157 |
| Tape Backup | Magnetic tape for storing data files on the computer network. | Conditional. Only if part of an eligible internal connection. | Not Available through Qwest |
| Technical Support | Assistance provided by a vendor technician. | Conditional. Only part of an eligible internal connection. | 143000132 143001157 |
| Telephone Instruments | Sets, instruments etc | No | N/A |
| Terminal Adapter | A device that connects a computer to an external digital line (ISDN). | Yes | 143000132 143001157 |

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| Terminal Servers | Network computer that transmits and receives analog or digital signals LAN signals. | Yes | Not Available through Qwest. |
| Test Equipment | Devices used to test hardware, software, cable continuity. | No | N/A |
| Transceiver | Transmits and receives analog or digital signals. | Yes | Provided as part of a service. |
| Two Way Radio | Wireless devices used to communicate over short distances. | No | N/A |
| TX to FX Converter | Cable converter | Yes | Not Available through Qwest |
| Uninterrupted Power Supply | Back-up power | Conditional. Only if part of an eligible internal connection. | 143000132 143001157 |
| Universal Box | Cable modem | Conditional. Only if part of an eligible internal connection. | Not Available through Qwest |
| UPS Interface Expander | Allows two additional ports on an existing UPS system. | Conditional. Only if part of an eligible internal connection. | 143000132 143001157 |
| Video Amplifiers | Used to deliver video services to the classroom. | Yes | Not Available through Qwest |
| Video Channel Modulator | Distribution box that takes the standard video and audio signal and distributes it to end-user. | Yes | Not Available through Qwest |
| Video Conference Equipment | Camera's, TV's White Boards | Conditional. Only if part of an eligible internal connection. | 143000132 143001157 |
| Service | Brief Description | Eligible (Yes/No) | SPIN |

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| Video Equipment | End User Equipment Enhanced Multimedia Interface Media Retrieval Equipment Room Design Television Video Camera Video Group & Desktop Video Recorders | No Yes No No No No Conditional No | 143000132 143001157 |
| Virtual Private Network (VPN) | VPN uses encryption and/or tunneling services in order to provide highly secure communication over the public Internet or in some cases over point-to-point links. | No | N/A |
| Voice Compression Module | Allows voice and fax traffic to share same lines as data and LAN traffic. | Conditional. Only if part of an eligible internal connection. | 143000132 143001157 |
| Voice Interface Card | Components of a router or components of a PBX that interface with internal systems and Public Switched Telephone Network. | Yes | Qwest includes in price of product and services. |
| Voice Mail Service | A service that allows the end-user to receive, edit and forward messages to voicemail boxes. | Yes | 143000132 143001157 |
| Voice Messaging | A service that allows the end-user to receive, edit and forward messages to one or more voicemail boxes. | Yes | 143000132 143001157 |
| Voice/Fax Network Module | Enables the transmission of multi-protocol data, voice, fax over a LAN. | Conditional. Only part of an eligible internal connection. | Not Available through Qwest. |
| Voice/Video over IP (VoIP) | Internal Connections components that include functionality for real-time or near | Conditional. Only if part of an eligible internal | 143000132 143001157 |

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| | real-time voice or video over IP (VoIP). | connection. | |
| Wire and Cable Maintenance | Maintenance of internal cabling is eligible for discount as a component of contracted technical support. | Conditional. Only if part of an eligible internal connection. | 143000132 143001157 |
| Wire Manager | Wire restraints for arranging wiring and cable. | Conditional. Only if part of an eligible internal connection. | 143000132 143001157 |
| Wireless PBX Adjunct | Allows end user to access PBX remotely. | Yes | 143000132 143001157 |
| Wireless Local Area Network | A wireless Local Area Network has the same eligibility as other Local Area Networks. | Conditional | 143000132 143001157 |
| Wiring, Internal | Cable, jacks, bays, blocks, panels and terminals. | Yes | 143000132 143001157 |
| Work Station | Personal computer that stands alone. | No | N/A |