

## **Eligible Services List Schools and Libraries Support Mechanism For Fund Year 2006**

### **Overall Eligibility Requirements for All Categories of Service:**

The Eligible Services List indicates whether specific products or services may be able to receive discounts under the Schools and Libraries Support Mechanism. Eligibility for discounts requires the eligible use of eligible products or services by eligible entities at eligible locations for eligible purposes.

If a product or service is not eligible under program rules, it is labeled "Not Eligible." If no indication of ineligibility is provided, the product or service may be eligible, depending on details of its use. Conditions for eligibility are provided in this Eligible Services List, and in information provided in the [Schools and Libraries Division \(SLD\) Reference Area of the USAC web site](#). In addition, some entries in this List include references to Special Eligibility Conditions that provide further information. These Special Eligibility Conditions appear at the end of this document.

**NOTE CONCERNING COMBINED PRIORITY 1 SERVICES:** Some service offerings provide a combination of Priority 1 services—including both Internet Access and Telecommunications. For example, a service provider may provide a combined offering of local phone service, long distance service, cellular service, and Internet access for one price. For administrative convenience, such a combined offering, if provided by an eligible telecommunications provider, may be requested in the Telecommunications category of service. Alternatively, funding may be requested as two separate requests for Telecommunications Services and Internet Access, with the price of the offering divided between the two requests.

This version of the Eligible Services List is dated November 18, 2005. Some eligibility information in this List is a change from prior years and applies to products and service funding requests for Funding Year 2006.

### **Telecommunications Services**

#### **Eligibility Requirements for All Telecommunications Services:**

To be eligible for support, Telecommunications Services must be provided by a telecommunications carrier, that is, one who provides Telecommunications on a common carriage basis.

A telecommunications service is "the offering of telecommunications for a fee directly to the public, or to such classes of users as to be effectively available directly to the public, regardless of the facilities used" [47 U.S.C. 153(46)]. Telecommunications is defined as "the transmission, between or among points specified by the user, of information of the user's choosing, without

change in the form or content of the information as sent and received" [47 U.S.C. 153(43)]. A State commission may upon its own motion or upon request designate a common carrier that meets the requirements as set forth in the Communications Act of 1934, Section 214 {47 U.S.C. 214} (e)(2) Designation of Eligible Telecommunications Carriers.

Eligibility in this category of service is for the procurement of Telecommunications Services, and not component purchases by applicants.

Please be aware that IP-enabled services are the subject of an open proceeding at the FCC to determine, among other things, whether certain types are Telecommunications Services. See *IP-Enabled Services*, Notice of Proposed Rulemaking, 19 FCC Rcd 4863 (2004).

<b>Product Type (Function)</b>	<b>Description</b>	<b>Eligibility</b>
800 Service (Telecommunications)	<p><b>Description:</b> 800 Service provides toll calling that is paid by the called party rather than the calling party. The name comes from the original Area Code used for all toll-free numbers. Current and future "800 Service" area codes use the convention 8NN, when N is a specific digit, for example 888, 877, and 866.</p> <p><b>Eligibility:</b> 800 Service is generally eligible for discount. However, the use of 800 service to access a school or library network for Internet Access/data connectivity from an ineligible location (such as a home) is not eligible. Applicants who make available Internet Access to eligible users via 800 Service must submit a certification that access will not be available from non-school or non-library sites.</p>	
900 / 976 Charges (Telecommunications)	<p><b>Description:</b> "900" is an area code used to reach a wide range of information providers. Examples of the information that may be provided via a 900 number are adult content programming, weather reports, lottery results, or caller voting for various topics such as television polls. 900 Service calls are charged to the party originating the call. Charges for accessing 900 calls are often included in the toll charges on the local telephone bill. 976 service provides a</p>	Not Eligible

	<p>local, pay-per-call telephone service.</p> <p><b>Eligibility:</b> 900 Service and the cost of dialing into a 900 Service Provider are not eligible for discount. Similarly, the service and cost of dialing into 976 numbers are not eligible.</p>	
<p>900 /976 Call Blocking (Telecommunications)</p>	<p><b>Description:</b> Call Blocking is a monthly, or recurring, telephone company charge for the blocking of calls, such as to 900 or 976 numbers. The blocking prevents callers from completing calls to 900 or 976 numbers.</p> <p><b>Eligibility:</b> As a component of an eligible telecommunications service, 900/976 call blocking is eligible for discount.</p>	
<p>911 / E911 Trunks / Lines (Telecommunications)</p>	<p><b>Description:</b> 911 and E911 trunks or lines are dedicated telecommunications links specifically or exclusively used for connection between a school/library and a Public Safety Answering Point (PSAP).</p> <p><b>Eligibility:</b> 911 or E911 trunks or lines are eligible for discount. However, 911 and E911 monitoring services are information services and therefore are not eligible.</p>	
<p>Alarm Telephone Line (Telecommunications)</p>	<p><b>Description:</b> An alarm telephone line is a telecommunications line specifically dedicated to a school or library's burglar or fire alarm system. It may be the equivalent of a POTS line, or a dedicated line between the school or library and the alarm company.</p> <p><b>Eligibility:</b> A telecommunications circuit used for alarm monitoring is eligible for discount. However, alarm monitoring services are information services and therefore are not eligible.</p>	
<p>Asynchronous Transfer Mode (ATM) Service (Telecommunications)</p>	<p><b>Description:</b> ATM is a Digital Transmission Service.</p> <p><b>Eligibility:</b> Leased data circuits that connect an eligible school or library facility to other locations beyond the school or library</p>	

	<p>are eligible for discount. Please see the Special Eligibility Condition below for further information.</p> <p><b>Special Eligibility Condition:</b>  <a href="#">Digital Transmission Services</a></p>	
Cellular Service (Telecommunications)	<p><b>Description:</b>  Cellular Service uses radio transmissions to provide a wireless telephone service.</p> <p><b>Eligibility:</b>  The cost of Cellular service to eligible users is eligible for discount, but the cost of telephones or associated maintenance on the equipment is not. Please see the Special Eligibility Conditions below for further information.</p> <p><b>Special Eligibility Conditions:</b>  <a href="#">Eligible Users and Locations</a>  <a href="#">Telephone Service and Technology Plans</a></p>	
Centrex (Telecommunications)	<p><b>Description:</b>  Centrex is a business telephone service that consists of a wide variety of features, such as call forwarding and call transfer, provided by central office software and extended to the customer's premises via local distribution facilities.</p> <p><b>Eligibility:</b>  Centrex service is eligible for discount. Eligible costs can include fees for Centrex common equipment, which is a charge assessed to recover the cost of central office-based software features. Services that provide Centrex-like features but are marketed under different names are also eligible for discount. Please see the Special Eligibility Condition below for further information.</p> <p><b>Special Eligibility Condition:</b>  <a href="#">Telephone Service and Technology Plans</a></p>	
Conferencing Services (Telecommunications)	<p><b>Description:</b>  Conferencing Services provide a means for multiple users to participate in group discussions via telephone circuits or video facilities.</p> <p><b>Eligibility:</b></p>	

	<p>Services beyond those provided by a school or library's internal facilities that provide telephone conference calls or video conferencing are eligible for discount if the conference services are only used for eligible educational and library purposes, or if an auditable monitoring system is established that provides a way to allocate between eligible and ineligible uses.</p> <p><b>Example:</b> Per-minute conferencing charges for a government-wide strategic planning teleconference would not be eligible, but per-minute conferencing charges limited to educational purposes and educational personnel would be eligible.</p>	
<p>Custom Calling Services (Telecommunications)</p>	<p><b>Description:</b> Custom calling services extend the features available with telephone service. Features available include (but are not necessarily limited to) call waiting, 3-way calling, speed calling, distinctive ring, and call forwarding.</p> <p><b>Eligibility:</b> As features associated with an eligible telecommunications service, custom calling services are eligible for discount.</p>	
<p>Digital Subscriber Line (DSL) Service (Telecommunications)</p>	<p><b>Description:</b> Digital Subscriber Line (DSL) is a Digital Transmission Service.</p> <p><b>Eligibility:</b> Leased data circuits that connect an eligible school or library facility to other locations beyond the school or library, including an Internet Service Provider, are eligible for discount as a telecommunications service. Please see the Special Eligibility Condition below for further information. See also the entry for Digital Subscriber Line (DSL) Internet Access in the Internet Access section.</p> <p><b>Special Eligibility Condition:</b> <a href="#">Digital Transmission Services</a></p>	
<p>Digital Transmission Services</p>	<p><b>Description:</b> Digital Transmission Services refer to</p>	

(Telecommunications)	<p>data links that connect multiple points, using any available technology. Digital transmission services used to link local networks are commonly called "wide area networks" (WANs).</p> <p><b>Eligibility:</b> Leased data circuits for voice, video, and/or data that connect an eligible school or library facility to other locations beyond the school or library, including an Internet Service Provider, are eligible for discount. See also the entry for Wide Area Network in this section. See also the Special Eligibility Condition below for examples and further information.</p> <p><b>Special Eligibility Condition:</b> <a href="#">Digital Transmission Services</a></p>	
Direct Broadcast Satellite (Telecommunications)	<p><b>Description:</b> Direct Broadcast Satellite (DBS) is a technology that uses satellite to transmit TV programs to its subscribers. The transmitted signals are received using individual rooftop antennas. Program reception of the subscriber is limited to those channels broadcast by a specific provider.</p> <p><b>Eligibility:</b> Broadcast radio and television, and cable television, are not Telecommunications Services. Costs to access or obtain them are not eligible for discount.</p>	Not Eligible
Direct Inward Dialing (Telecommunications)	<p><b>Description:</b> Direct Inward Dialing (DID) service allows outside calls to be directed to a Private Branch Exchange station line without the use of an operator.</p> <p><b>Eligibility:</b> Direct Inward Dialing is eligible for discount.</p>	
Directory Advertising (Telecommunications)	<p><b>Description:</b> Directory Advertising is advertising in a telephone directory yellow pages, Internet, or elsewhere. This may be provided by the telephone company or another entity.</p> <p><b>Eligibility:</b> The cost associated with directory advertising is not a</p>	Not Eligible

	Telecommunications Service and is not eligible for discount.	
Directory Assistance Charges (Telecommunications)	<p><b>Description:</b> Directory Assistance Charges are those charges assessed for calls made to 411, or other Directory Assistance numbers such as (201) 555-1212, for information. Typically charges are assessed on a per call basis.</p> <p><b>Eligibility:</b> Directory Assistance Charges are eligible for discount. However, see also the entry for Reverse Directory Assistance.</p>	
Directory Listing (Telecommunications)	<p><b>Description:</b> A telephone company directory contains an alphabetical listing, by name, of all telephone subscribers except those requesting unlisted or non-published service. Typically, the initial directory listing is provided free of charge to the subscriber, but extra-cost services are available, such as additional listings, unlisted or non-published numbers, and bolded entries.</p> <p><b>Eligibility:</b> Fees for an additional directory listing, an unlisted number, an unpublished number, a bolded listing, or other extra-cost directory features are not eligible for discount.</p>	Not Eligible
Distance Learning Circuits (Telecommunications)	<p><b>Description:</b> Distance Learning utilizes video and audio technologies to allow students who are remotely located from other students or the lecturer to participate interactively with the class.</p> <p><b>Eligibility:</b> Eligibility is limited to the telecommunications transmission services that enable distance learning. Services that include their own content are not eligible. Components such as scheduling, content creation, and storage are not eligible. See also the entry for Digital Transmission Services.</p>	
Fax Machine Line (Telecommunications)	<p><b>Description:</b> A fax machine telephone line is a telecommunications line specifically dedicated to a school or library's fax</p>	

	<p>machine.</p> <p><b>Eligibility:</b> A fax machine line is eligible for discount.</p>	
<p>Frame Relay Service (Telecommunications)</p>	<p><b>Description:</b> Frame relay service is a Digital Transmission Service.</p> <p><b>Eligibility:</b> Leased data circuits that connect an eligible school or library facility to other locations beyond the school or library are eligible for discount. Please see the Special Eligibility Condition below for further information.</p> <p><b>Special Eligibility Condition:</b> <a href="#">Digital Transmission Services</a></p>	
<p>Homework Hotline Service (Telecommunications)</p>	<p><b>Description:</b> A Homework Hotline Service is typically provided as a toll free telephone number for students to contact the school regarding questions on homework.</p> <p><b>Eligibility:</b> Telecommunications Services and voice mail services used to provide a Homework Hotline Service are eligible. Charges for creation, configuration, or maintenance of content are not eligible.</p>	
<p>Inside Wire Maintenance Plan (Telecommunications)</p>	<p><b>Description:</b> An Inside Wire Maintenance Plan is a monthly recurring charge that provides for the repair, replacement and maintenance of customer owned inside premise wire. Cost of the service is sometimes included in regular monthly bills for local and long distance telephone services.</p> <p><b>Eligibility:</b> An inside wire maintenance plan is eligible as a component part of a telecommunications service if charges are minimal and the service is directly associated with the telecommunications service. An inside wire maintenance plan that does not meet these conditions may be eligible in the Internal Connections category of service. See the entry for "Wire and Cable Maintenance" for further</p>	



	<p>information.</p> <p>Plans that provide network management of customer-owned wire or equipment, in addition to maintenance, are not eligible. Wire maintenance plans that contain provisions for a free loaner telephone are not eligible for discount, unless the school or library agrees not to make use of the free loaner telephone.</p>	
<p>Interactive Television (ITV) (Telecommunications)</p>	<p><b>Description:</b> Interactive TV (ITV) provides a means for a viewer to interact with the television set in ways other than controlling the channel and the volume and handling videotapes. In an education setting such as in a school, ITV provides a means for teachers and students who are remotely located in different places to conduct a class and to interact with each other. ITV requires a special "set-top box" to be added to the existing television set.</p> <p><b>Eligibility:</b> Eligibility is limited to the Telecommunications Services that enable Interactive Television. Additional service components such as scheduling, content creation, and storage are not eligible. See also the entry for Digital Transmission Services.</p>	
<p>Internet2 (Telecommunications)</p>	<p><b>Description:</b> Internet2 is a consortium of universities, industry, and government for development and deployment of advanced network applications and technologies.</p> <p><b>Eligibility:</b> A telecommunications link that connects an eligible entity to Internet2 is eligible for discount. Membership dues or any fees for non-telecommunications services are not eligible.</p>	
<p>Local Measured Service (Telecommunications)</p>	<p><b>Description:</b> Local telephone companies use several methods to bill for local wireline service, such as Flat Rate, Message Rate, Measured Rate, and Local Measured Service. Local Measured</p>	

	<p>Service typically allows an unlimited number of incoming calls. Outgoing calls beyond a certain threshold result in extra charges.</p> <p><b>Eligibility:</b> Local Measured Service and other billing options for providing telephone service are eligible for discount.</p>	
<p>Long Distance Telephone Service (Telecommunications)</p>	<p><b>Description:</b> Long distance telephone service is provided by interexchange carriers, and provides telephone service outside of a local calling area.</p> <p><b>Eligibility:</b> Long Distance Service and associated charges are eligible for discount.</p>	
<p>Message Rate Service (Telecommunications)</p>	<p><b>Description:</b> Local telephone companies use several methods to bill for local wireline service, such as Flat Rate, Message Rate, Measured Rate, and Local Measured Service. Message Rate Service provides a certain number of "call units." Various call lengths and distances can use a different number of call units. Calls in excess of the message rate allocation result in additional charges.</p> <p><b>Eligibility:</b> Message Rate Service and other billing options for providing telephone service are eligible for discount.</p>	
<p>Metropolitan Area Network (MAN) (Telecommunications)</p>	<p><b>Description:</b> A Metropolitan Area Network (MAN) is a data network designed for a town or city.</p> <p><b>Eligibility:</b> For eligibility under the "E-Rate" program, a MAN and a Wide Area Network (WAN) are considered the same. See the listing for Wide Area Network (WAN) Services in this section for eligibility conditions.</p>	
<p>Network Access Register (Telecommunications)</p>	<p><b>Description:</b> Used with Centrex service, the Network Access Register (NAR) provides access to and from the telephone company central office. The number of simultaneous calls to and from the public switched telephone network is</p>	

	<p>equal to the number of NARs the Centrex customer subscribes to. NARs also may be used in conjunction with other eligible Telecommunications Services such as Network Access Service and Network Access Register Usage Package.</p> <p><b>Eligibility:</b> Network Access Registers are eligible for discount.</p>	
Paging Service (Telecommunications)	<p><b>Description:</b> Paging is a service designed to deliver a message to a person whose exact location is unknown. The service employs radio signals that activate a paging receiver carried by the intended recipient to deliver a text or voice message.</p> <p><b>Eligibility:</b> Paging service is eligible for discount when it is "integral, immediate, and proximate" to the education of students or the provision of services to library patrons. Services occurring on a school or library campus are presumed to meet this requirement, as well as, for example, paging services of a bus driver delivering students to school, a library staff member's use in a mobile van, and use by teachers on field trips. Please see the Special Eligibility Condition below for further information. Eligibility is limited to the service component. The cost of paging equipment and related maintenance is not eligible for discount.</p> <p><b>Special Eligibility Condition:</b> <a href="#">Eligible Users and Locations</a></p>	
Payphone Telephone Service (Telecommunications)	<p><b>Description:</b> Payphone (or coin) telephone service is provided in a public or semi-public place, and requires the use of coins, credit card, pre-pay card or other means of payment for the telephone call, at the time of placing the call.</p> <p><b>Eligibility:</b> Both the payphone service and the cost of the actual payphones are ineligible for discount.</p>	Not Eligible
Permanent Virtual	<b>Description:</b>	

<p>Circuit (Telecommunications)</p>	<p>Permanent Virtual Circuits (PVCs) are shared connections between end-points. PVCs play a central role in Frame Relay networks. They're also supported in some other types of networks, such as X.25.</p> <p><b>Eligibility:</b> As a component part of a Telecommunications Service, the cost of PVCs is eligible for discount.</p>	
<p>Personal Communications Services (PCS) (Telecommunications)</p>	<p><b>Description:</b> Personal Communications Services (PCS) is a digital wireless telecommunications service operating in the 1800-1900 MHz band and could include TDMA, CDMA and GSM.</p> <p><b>Eligibility:</b> The cost of Personal Communications Service to eligible users is eligible for discount, but the cost of telephones or associated maintenance on the equipment is not. Please see the Special Eligibility Conditions below for further information.</p> <p><b>Special Eligibility Conditions:</b> <a href="#">Eligible Users and Locations</a> <a href="#">Telephone Service and Technology Plans</a></p>	
<p>Phone Calling Cards (Telecommunications)</p>	<p><b>Description:</b> Telephone Calling Cards provide a convenient means to make long distance calls from any phone.</p> <p><b>Eligibility:</b> Calling cards that provide Telecommunications Services, and used for eligible purposes, are eligible for discount.</p>	
<p>PIC Change Charge (Telecommunications)</p>	<p><b>Description:</b> The PIC, or Primary Interexchange Carrier, is the long distance company to which traffic from a given location is automatically routed when dialing 1 in an equal access area. The selection of the carrier is done by the local telephone customer and becomes a part of the telephone company's records for routing long distance calls made by the customer's number. When the PIC is changed from one long distance company to another at the</p>	

	<p>request of the customer there is a one-time PIC Change Charge assessed by the local telephone company to cover the cost of reprogramming the telephone company central office switch.</p> <p><b>Eligibility:</b> The PIC Change Charge is eligible for discount.</p>	
POTS (Telecommunications)	<p><b>Description:</b> "POTS" stands for "Plain Old Telephone Service," and provides local telephone dial tone service.</p> <p><b>Eligibility:</b> Eligibility is limited to business telephone service, except in cases where state or local law or tariffs allow a school or library to receive local service at the residential rate. See the entry for Telephone Service for further eligibility information.</p>	
Radio Loop (Telecommunications)	<p><b>Description:</b> Radio Loop is provided by a local exchange telecommunications carrier and is also called Basic Exchange Telecommunications Radio Service (BETRS). BETRS is used by local telephone companies to provide dial tone to subscribers in certain circumstances, such as when it is either not technically possible or cost effective to provide the service by conventional means.</p> <p><b>Eligibility:</b> When used as a means of providing an otherwise eligible Telecommunications Service, radio loop is eligible for discounts.</p>	
Residential Telephone Service (Telecommunications)	<p><b>Description:</b> Residential telephone service is designed for homes and residences, but not commercial establishments.</p> <p><b>Eligibility:</b> In general, residential telephone service is not eligible. Eligibility is limited to business telephone service, except in cases where state or local law or tariffs allow a school or library to receive local service at the residential rate.</p>	

Reverse Directory Assistance	<p><b>Description:</b> Reverse Directory Assistance is a service that can use a phone number to provide the name and in some cases the address of the owner of that phone number.</p> <p><b>Eligibility:</b> Reverse Directory Assistance is not eligible for discount. See also the entry for Directory Assistance.</p>	Not Eligible
Satellite Service (Telecommunications)	<p><b>Description:</b> Satellite service provides communication between points on Earth by using an orbiting satellite as a communications relay point.</p> <p><b>Eligibility:</b> Leased satellite telecommunications circuits that connect an eligible school or library facility to other locations beyond the school or library are eligible for discount. Satellite communication that provides a broadcast service is not eligible. Please see the Special Eligibility Condition below for further information. See also the entry for Wireless Wide Area Network for eligibility information concerning satellite dishes.</p> <p><b>Special Eligibility Condition:</b> <a href="#">Digital Transmission Services</a></p>	
Shared Telephone Service (Telecommunications)	<p><b>Description:</b> Shared telephone service involves the sharing of a single service between two or more entities. As an example, a telephone line may be shared between a parochial school and the church administrative offices.</p> <p><b>Eligibility:</b> Only that portion of a shared telephone service relating to an eligible use and location would be eligible. Please see the Special Eligibility Condition below for further information.</p> <p><b>Special Eligibility Condition:</b> <a href="#">Cost Allocation</a></p>	
Telephone Service (Telecommunications)	<p><b>Description:</b> Telephone service includes local phone service (sometimes known as "Plain Old Telephone Service" or POTS),</p>	

	<p>Cellular/Personal Communications Service (PCS), and long distance telephone service, and involves individual wire or wireless lines provided by a telecommunications carrier.</p> <p><b>Eligibility:</b> Telephone service is eligible. Please see the Special Eligibility Conditions below for further information. Also see the entries in this list for POTS, Long Distance Telephone Service, Cellular Service, and Personal Communications Service (PCS).</p> <p><b>Special Eligibility Conditions:</b> <a href="#">Telephone Service and Technology Plans</a> <a href="#">Eligible Users and Locations</a></p>	
Trunk (Telecommunications)	<p><b>Description:</b> A trunk line is a communications path between two switching systems, such as equipment in a telephone company central office and a Private Branch Exchange (PBX). Central Office trunks connect a PBX to the central office switching system at the central office. Tie trunks connect two PBXs together.</p> <p><b>Eligibility:</b> Costs to provide trunks on a common carrier basis are eligible for funding. See also the entry for Digital Transmission Services.</p>	
Video Services (Telecommunications)	<p><b>Description:</b> Video services involve the transmission of visual images.</p> <p><b>Eligibility:</b> Eligibility is limited to the telecommunications transmission services that enable video communication. Components such as scheduling, content creation, and storage are not eligible. However, services that include their own content are not eligible. See also the entry for Digital Transmission Services.</p>	
Wide Area Network (WAN) Services (Telecommunications)	<p><b>Description:</b> A wide area network is a voice, data, and/or video network that provides connections from within an eligible school or library to other locations</p>	

	<p>beyond the school or library.</p> <p><b>Eligibility:</b> The provision of digital transmission services for a wide area network, irrespective of technology, is an eligible Telecommunications Service when provided on a common carrier basis. Technologies employed include but are not limited to ATM, DSL, DS-1, T-1, fractionalized T-1, Frame Relay, ISDN, Satellite, and Wireless. Excluded from this definition are services that provide broadcast content or cable television because they are not considered Telecommunications Services.</p> <p>See the entry for Digital Transmission Services for further information. In addition, see the Special Eligibility Conditions below for further information.</p> <p><b>Special Eligibility Conditions:</b> <a href="#">WAN Versus LAN Components</a> <a href="#">Lease of Wide Area Network Infrastructure</a></p>	
<p>Wireless Wide Area Network (Telecommunications)</p>	<p><b>Description:</b> A wireless wide area network is a network that meets the definition of a wide area network, and uses radio or light to transmit information, without the use of cables.</p> <p><b>Eligibility:</b> The same eligibility conditions apply for the lease of wireless WANs as for other WANs. On-premise radio frequency components such as transmitter and antenna (or satellite dish) may be provided as a part of the Wireless WAN service under the conditions described in the Special Eligibility Condition below.</p> <p>For information about wireless Local Area Networks, see the entries in the Internal Connections section of this document.</p> <p><b>Special Eligibility Condition:</b> <a href="#">WAN Versus LAN Components</a></p>	



## Internet Access

**Eligibility Requirements for All Internet Access Services:**

Descriptions in this section are limited to the provision of “basic conduit access” to the Internet, and apply to services, not purchases of equipment used in Internet Access. Service Providers for Internet Access need not be telecommunications carriers.

Internet Access is an information service. The Communications Act of 1934 (as amended) defines an information service as “the offering of a capability for generating, acquiring, storing, transforming, processing, retrieving, utilizing, or making available information via telecommunications, and includes electronic publishing, but does not include any use of any such capability for the management, control, or operation of a telecommunications system or the management of a telecommunications service.” [47 U.S.C. 153(20)].

Under FCC rules, funding is available for Internet Access that “[transmits] information as part of a gateway to an information service, where that transmission does not involve the generation or alteration of the content of information but may include data transmission, address translation, protocol conversion, billing management, introductory information content, and navigational systems that enable users to access information services that do not affect the presentation of such information services to users.”

To qualify as Internet Access, all services must reach the boundary of public Internet space.

<b>Product Type (Function)</b>	<b>Description</b>	<b>Eligibility</b>
Broadband Internet Access (Internet Access)	<p><b>Description:</b> Broadband Internet Access provides high-speed transmission through T-1 lines, DSL, Frame Relay, cable modems, wireless facilities, or other technologies.</p> <p><b>Eligibility:</b> Broadband Internet Access may be eligible for funding as Internet Access if that offering is the most cost-effective means of accessing the Internet.</p>	

Cable Modem Service (Internet Access)	<p><b>Description:</b> Cable modem service provides a high-speed data path over TV coaxial cable.</p> <p><b>Eligibility:</b> Cable Modem Service is eligible for funding as Internet Access if that offering is the most cost-effective means of accessing the Internet.</p>	
Caching Service (Internet Access)	<p><b>Description:</b> Caching service is a special high-speed storage mechanism at the border of a network and the Internet that holds frequently accessed Internet information, thereby reducing retrieval times for information often requested from the Internet.</p> <p><b>Eligibility:</b> Caching service is not eligible. However, caching that is provided as an integral component part of basic conduit access to the Internet can be included under certain conditions. See the Special Eligibility Conditions below for further information.</p> <p><b>Special Eligibility Conditions:</b> <a href="#">Ancillary Use</a> <a href="#">Internet Access with Ineligible Features</a></p>	Not Eligible
Digital Subscriber Line (DSL) Internet Access (Internet Access)	<p><b>Description:</b> Digital Subscriber Line (DSL)-based Internet Access provides a high-speed data path over wireline telephone facilities.</p> <p><b>Eligibility:</b> This offering is eligible for funding as Internet Access if it is the most cost effective way of accessing the Internet.</p>	
Domain Name Registration (Internet Access)	<p><b>Description:</b> A Domain Name indicates an address of location on the Internet. For the e-mail address portion of a symbolic abc@xyz.org, the domain name is xyz.org. Domain Name Registration is the registering of the name and the charge associated with the registration process.</p> <p><b>Eligibility:</b> Domain Name Registration is eligible for discount.</p>	
Electronic Library / On-line Public Access	<p><b>Description:</b> Electronic Libraries, On-line Public</p>	Not Eligible

<p>Catalog (Internet Access)</p>	<p>Access Catalog Systems, and similar services provide content to users.  <b>Eligibility:</b>  Costs that go beyond basic conduit access to the Internet, for example for content or for searching or using Electronic Libraries or On-Line Public Access Catalog Systems that charge a fee for accessing library catalog systems, are ineligible for discount. Costs for any software associated with such systems are also ineligible for discount.</p>	
<p>E-mail Account Fees (Internet Access)</p>	<p><b>Description:</b>  E-Mail account fees are charges for individual user access to e-mail services.  <b>Eligibility:</b>  E-Mail account fees are eligible.</p>	
<p>E-mail Service (Internet Access)</p>	<p><b>Description:</b>  E-Mail Service provides for the transmission of simple text messages and other embedded data.  <b>Eligibility:</b>  E-mail service is eligible for discount. Services that provide substantial ineligible features (such as calendaring and/or non-e-mail file storage) in addition to eligible e-mail must remove the cost of ineligible components through cost allocation. Please see the Special Eligibility Conditions below for further information.   <b>Special Eligibility Conditions:</b>  <a href="#">Cost Allocation</a>  <a href="#">Internet Access with Ineligible Features</a></p>	
<p>Filtering Service (Internet Access)</p>	<p><b>Description:</b>  A filtering service protects users from dangerous or inappropriate content most often by selectively blocking certain words or certain Internet sites. It may be provided by an Internet provider as a monthly service.  <b>Eligibility:</b>  Filtering is not eligible for discount. Please see the Special Eligibility Conditions below for further information.  <b>Special Eligibility Conditions:</b></p>	<p>Not Eligible</p>

	<a href="#">Ancillary Use</a> <a href="#">Internet Access with Ineligible Features</a>	
Firewall Service (Internet Access)	<p><b>Description:</b>  A firewall service protects an organization against unauthorized access into its network while allowing the organization/s users to access the Internet. Protection is provided through an analysis of incoming information in order to enforce a boundary between internal and external networks. A firewall service is generally included by service providers as a part of their product offering for basic conduit access to the Internet.</p> <p><b>Eligibility:</b>  A cost-effective firewall service may be funded as a part of Internet Access because a firewall is necessary to ensure continued operation of the network.</p>	
GSP Rates (Internet Access)	<p><b>Description:</b>  GSP is short for Global Service Provider. The GSP provides connection between the ISP network and the global Internet network. In some cases, there can be separate charges for this component of Internet Access.</p> <p><b>Eligibility:</b>  A charge for the Global Service Provider is eligible if the total price of Internet Access, including this component, is the most cost-effective means for obtaining access.</p>	
Internet Access (Internet Access)	<p><b>Description:</b>  Internet Access provides access to the world-wide information resource of the Internet, and includes features typically provided for adequate functionality and performance, when included as a standard component of a vendor's Internet Access service. Such features could include Domain Name Service, to assist use of the standard Internet naming convention; Dynamic Host Configuration Protocol, to assist with providing devices with a unique address; and e-mail.</p> <p><b>Eligibility:</b>  Internet Access, regardless of</p>	

	<p>technology platform, is eligible for discount. Such access may include transport of digital communication using any Internet-based protocols, including encapsulation of data, video, or voice so long as this is the most cost effective way to access the Internet. In addition, features that are not themselves eligible, such as caching and filtering, can be included if an integral component part of the service, and the inclusion of these features meets the limitations given in the Special Eligibility Condition for "Ancillary Use." Please see the Special Eligibility Conditions below for further information.</p> <p><b>Special Eligibility Conditions:</b>  <a href="#">Ancillary Use</a>  <a href="#">Internet Access with Ineligible Features</a></p>	
<p>Internet Content (Internet Access)</p>	<p><b>Description:</b>  Some Internet content is only available at a separate, additional cost, above the cost of Internet Access itself. Examples include extra-cost electronic libraries, on-line news services, administration application tools, performance monitoring (e.g., tracking of grades, attendance, homework assignments), classroom management tools, address books, and file storage.</p> <p><b>Eligibility:</b>  Internet access that provides features or content that go beyond basic conduit access to the Internet is not eligible for funding. E-mail service and e-mail account fees are not considered Internet content. Applicants may accept an Internet Access service with minimal content included if the content meets the limitations given in the Special Eligibility Condition for "Ancillary Use." Please see the Special Eligibility Conditions below for further information.</p> <p><b>Special Eligibility Conditions:</b>  <a href="#">Ancillary Use</a>  <a href="#">Internet Access with Ineligible Features</a></p>	<p>Not Eligible</p>
<p>Internet Training (Internet Access)</p>	<p><b>Description:</b>  Internet training is training in the use of the Internet, and also includes</p>	<p>Not Eligible</p>

	<p>training available over the Internet.</p> <p><b>Eligibility:</b> Costs for Internet training are ineligible.</p>	
<p>Internet2 (Internet Access)</p>	<p><b>Description:</b> Internet2 is a consortium of universities, industry, and government for development and deployment of advanced network applications and technologies.</p> <p><b>Eligibility:</b> Membership dues or any fees for access to content, including content available through Internet2, are not eligible for discount. However, a link that connects an eligible entity to Internet2 can be eligible as a telecommunications service. See the Internet2 entry in the Telecommunications Services section for additional information.</p>	<p>Not Eligible</p>
<p>Specialized Services (Internet Access)</p>	<p><b>Description:</b> "Specialized Services" refers to extra-cost services that go beyond basic conduit access to the Internet.</p> <p><b>Eligibility:</b> Extra-cost services that go beyond basic conduit access to the Internet, and are not otherwise indicated as eligible in this Eligible Services List, are not eligible for discount.</p>	<p>Not Eligible</p>
<p>Web Casting (Internet Access)</p>	<p><b>Description:</b> Web Casting is a service provided over the Internet that delivers news or other content via web browser software or to your E-Mail address. A user accesses a Web Casting site and chooses what news or content he/she wants to be informed about. Information content is then periodically delivered by the Web Casting supplier.</p> <p><b>Eligibility:</b> Charges for a web casting service are not eligible for discount under the E-Rate program.</p>	<p>Not Eligible</p>
<p>Web Hosting (Internet Access)</p>	<p><b>Description:</b> Web Hosting is a service provided by an Internet Service Provider. The ISP will host a school or library's website (e.g., www.schoolname.org) often as</p>	

	<p>an included part of its service offering, or in some cases as an optional service.</p> <p><b>Eligibility:</b> Web Hosting services that provide a means for a school or library to display content on the Internet is eligible for discount. However, eligibility is limited to the hosting service only, and not the creation or modification of content, which is not eligible.</p>	
<p>Web Site Creation Fee (Internet Access)</p>	<p><b>Description:</b> A web site creation fee is a separate charge for creating a website or setting up a web address.</p> <p><b>Eligibility:</b> A web site creation fee is not eligible.</p>	<p>Not Eligible</p>
<p>Wide Area Network (WAN) (Internet Access)</p>	<p><b>Description:</b> A wide area network is a voice, data, and/or video network that provides connections from within an eligible school or library to other locations beyond the school or library.</p> <p><b>Eligibility:</b> Wide Area Network facilities may be eligible for funding as a part of Internet Access if that offering is the most cost effective means of accessing the Internet and the service is limited to basic conduit access to the Internet. Funding in this category will not be provided for transport of point-to-point connectivity of data, video, or voice applications that are to be provided only by telecommunications carriers.</p> <p><b>Special Eligibility Condition:</b> <a href="#">WAN Versus LAN Components</a> <a href="#">Lease of Wide Area Network Infrastructure</a></p>	
<p>Wireless Internet Access (Internet Access)</p>	<p><b>Description:</b> Wireless Internet Access provides connectivity to the Internet via wireless technology.</p> <p><b>Eligibility:</b> A wireless service that provides Internet Access or Internet-based e-mail to eligible locations is eligible under the same provisions as wired access to the Internet, if the wireless service is the most cost effective</p>	

	<p>means of accessing the Internet or obtaining Internet-based e-mail.</p> <p>A wireless Internet Access service designed for portable devices may be funded, provided that the applicant has in place an auditable system to allocate between eligible and ineligible uses.</p> <p>On-premise radio frequency components such as transmitter and antenna (or satellite dish) may be provided as a part of the wireless Internet Access service under the conditions described in the Special Eligibility Condition below.</p> <p><b>Special Eligibility Condition:</b>  <a href="#">WAN Versus LAN Components</a></p>	
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**Internal Connections**

**Eligibility Requirements for All Internal Connections:**

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, but do not include services that extend beyond the school campus or library branch. For further information, see the Special Eligibility Conditions for “Eligible Users and Locations” and for “WAN Versus LAN Components.”

Some products may contain both eligible and ineligible features. In general, funding requests that provide only a single price for both eligible and ineligible features are fully ineligible. However, cost allocation may be used to provide separated pricing for the eligible and ineligible components. However, in limited cases, if such functionality is an integral component part, is not separately priced, and constitutes only an ancillary feature, the full cost of the component can be eligible. For further information in determining whether cost allocation is required, or whether a feature can be considered ancillary, see the Special Eligibility Conditions for “Cost Allocation” and for “Ancillary Use.”

A functional category is provided in parentheses for each Internal Connections entry. A description for these additional categorizations is provided in the Special Eligibility Condition: “Functional Categories for



Internal Connections."		
Product Type (Function)	Description	Eligibility
Access Point (Data Distribution)	<p><b>Description:</b> An Access Point is a base station in a wireless LAN. Access points are typically stand-alone devices that may plug into an Ethernet hub or server, or may provide a repeater function for wireless networks.</p> <p><b>Eligibility:</b> An access point used in a Local Area Network environment is eligible for funding. An access point used in a Wide Area Network environment, e.g., configured for data communication across a public right of way, is not eligible for funding. See the Special Eligibility Condition below for further information.</p> <p><b>Special Eligibility Conditions:</b> <a href="#">WAN Versus LAN Components</a></p>	
Antenna (Interfaces, Gateways, Antennas)	<p><b>Description:</b> An antenna is a device for transmitting and/or receiving radio frequency signals.</p> <p><b>Eligibility:</b> Antennas provided as part of Wireless Local Area Networks (LANs) are eligible for discount if they are separately priced on a contract or are sold separately. Antennas embedded in ineligible equipment, such as computer workstations, and not separately priced on a contract, are not eligible. Antennas used for the receipt of over-the-air radio and television broadcast signals, or radio signals from cable television operators, are not eligible. Antennas at eligible locations used to connect local network facilities with a Wide Area Network may be funded as Internal Connections, or may be eligible when leased as a part of Telecommunications Services or Internet Access. For further information, see the entries for "Wide Area Network (WAN) Services" and "Wireless Wide Area Network" in the</p>	

	Telecommunications Services section, and the entry for "Wireless Internet Access" in the Internet Access section.	
Application Software (Software)	<p><b>Description:</b> Application software applies to software accessed directly by end-users, such as word processors, spreadsheets, utility, anti-virus, and graphics programs.</p> <p><b>Eligibility:</b> Application software is not eligible. See the Special Eligibility Condition below for further information.</p> <p><b>Special Eligibility Condition:</b> <a href="#">Software</a></p>	Not Eligible
Asbestos Removal (None)	<p><b>Description:</b> Some older buildings were constructed using products that contain asbestos. Asbestos has been determined to be harmful to health, so construction in such buildings, which can make asbestos fibers air-borne, is often a difficult and costly process.</p> <p><b>Eligibility:</b> The cost incurred in the removal of asbestos is not eligible for discount.</p>	Not Eligible
Automatic Call Distribution System (ACD) (Telephony Components)	<p><b>Description:</b> An Automatic Call Distribution system, typically used with a PBX, provides a means of automatically distributing calls evenly, on a next available agent basis so that productivity is maintained and inbound calls are handled efficiently. The system also allows the monitoring of operation on a real time basis. Additionally, some systems compile historic reports that enable better utilization of resources in the handling of incoming calls.</p> <p><b>Eligibility:</b> An Automatic Call Distribution System is not eligible for discount.</p>	Not Eligible
Automatic Route Selection (ARS) (Telephony Components)	<p><b>Description:</b> Automatic Route Selection (ARS) is a PBX and Centrex service that allows for automatic selection of the most efficient and cost effective route. It may also be referred to as "least cost routing". By using the ARS feature, PBX and Centrex stations are routed to the</p>	

	<p>most cost efficient service, or facilities, to make outgoing telephone calls.</p> <p><b>Eligibility:</b> The cost of the equipment required to provide ARS is eligible for discount.</p>	
<p>Bridge (Interfaces, Gateways, Antennas)</p>	<p><b>Description:</b> A bridge is a data communications device that connects two or more network segments, often translating information from one type of network protocol to another.</p> <p><b>Eligibility:</b> A bridge that interconnects network segments within the same campus or location is eligible if used for an eligible purpose. The use of bridges or other devices for caching or other ineligible functions is not eligible. Wireless or other bridges used to connect locations across a public right of way are presumed to be Wide Area Network components, and are not eligible as Internal Connections.</p>	
<p>Broadcast / Cable Equipment (Video Components)</p>	<p><b>Description:</b> Broadcast / cable equipment applies to equipment used in the transmission or receipt of broadcast TV, broadcast radio, broadcast satellite, or cable television service.</p> <p><b>Eligibility:</b> Broadcast and cable are separate services from telecommunications and Internet Access, and therefore equipment used in the transmission or receipt of these services is not eligible.</p>	<p>Not Eligible</p>
<p>Cable Modem (Interfaces, Gateways, Antennas)</p>	<p><b>Description:</b> A cable modem is a modem designed for use on a TV coaxial cable circuit, and provides a high-speed data path.</p> <p><b>Eligibility:</b> If used to provide Internet Access, cable modems are eligible as Internal Connections. In addition, a cable modem may be leased as part of an Internet Access Service. If used for cable TV service, cable modems are not eligible.</p>	
<p>Cabling (Cabling/ Connectors)</p>	<p><b>Description:</b> Cabling provides electrical (or, in the case of fiber optics, lightwave)</p>	

	<p>connectivity between points.</p> <p><b>Eligibility:</b> Cabling and related components that are eligible for discount include but are not limited to: cable (copper/fiber/coax/twisted pair), bays, jacks, blocks, panels, and terminals necessary to transport information all the way to individual classrooms or public areas of a library. Wiring and components that provide electrical service are not eligible. See the Special Eligibility Condition below for further information.</p> <p><b>Special Eligibility Condition:</b> <a href="#">Eligible Users and Locations</a></p>	
Caching Components (Computers)	<p><b>Description:</b> Caching is a method that stores recently accessed information, so that it can be displayed more quickly if required again.</p> <p><b>Eligibility:</b> Devices such as caching servers that store information accessed from the Internet may improve the delivery of information, but are not essential for transporting this information to the classroom or library. Therefore such devices are not eligible. Some otherwise eligible devices provide caching on an ancillary basis, and funding for the eligible device is possible in some cases. Please see the Special Eligibility Condition below for further information.</p> <p><b>Special Eligibility Condition:</b> <a href="#">Ancillary Use</a></p>	Not Eligible
Call Accounting System (Telephony Components)	<p><b>Description:</b> A Call Accounting System records information about telephone calls. It can provide comprehensive call costing by associating call records with users, phone extensions, or profiles.</p> <p><b>Eligibility:</b> Call accounting systems are not necessary to transport Telecommunications or Internet Access to the classroom or publicly accessible rooms of a library, and are not eligible for discount.</p>	Not Eligible

<p>Call Sequencer (Telephony Components)</p>	<p><b>Description:</b> An Automatic Call Sequencer is a device or adjunct piece of equipment, used with a PBX or Key system. The call sequencer distributes incoming telephone calls among a select number of stations or telephones. It may also be used to answer incoming telephone calls and provide prerecorded announcements to the caller. Some call sequencers are also designed to generate statistical reports on number of calls and how those calls were handled.</p> <p><b>Eligibility:</b> Call sequencers are not necessary to transport Telecommunications or Internet Access to the classroom or publicly accessible rooms of a library, and are not eligible for discount.</p>	<p>Not Eligible</p>
<p>Camera (End-User)</p>	<p><b>Description:</b> A camera is a device for taking visual pictures, either still or moving.</p> <p><b>Eligibility:</b> End-user equipment is not eligible. Equipment used in the creation or display of content is not eligible.</p>	<p>Not Eligible</p>
<p>Cartridge Magnetic Tape (Storage Devices)</p>	<p><b>Description:</b> Cartridge Magnetic Tape provides replaceable storage capacity, and is used in tape backup devices.</p> <p><b>Eligibility:</b> Cartridge Magnetic Tape and other such expendable items are not eligible for discounts.</p>	<p>Not Eligible</p>
<p>CD/ DVD Player (End-User)</p>	<p><b>Description:</b> A Compact Disc or Digital Video Disc (CD/DVD) Player is a device that plays or reproduces the music, voice and/or video from a CD or Digital Video Disc.</p> <p><b>Eligibility:</b> A Compact Disc or Digital Video Disc (CD/DVD) Player is not eligible for discount. However, a CD/DVD drive may be provided as an integral component of an eligible product such as an eligible file server, if it is part of the standard product configuration and provided at no additional cost. Please see the Special Eligibility Condition</p>	<p>Not Eligible</p>

	<p>below for further information.</p> <p><b>Special Eligibility Condition:</b>  <a href="#">Ancillary Use</a></p>	
<p>Channel Service Unit / Data Service Unit (CSU/DSU)  (Interfaces, Gateways, Antennas)</p>	<p><b>Description:</b>  A CSU/DSU is a device that terminates a digital channel at a customer premises. A CSU/DSU often serves as a demarcation between a local network and wide area network facilities.</p> <p><b>Eligibility:</b>  The purchase of a CSU/DSU is eligible as Internal Connections. Alternatively, a CSU/DSU may be leased as part of an eligible Telecommunications or Internet Access service.</p>	
<p>Circuit Card  (Circuit Cards/ Components)</p>	<p><b>Description:</b>  A Circuit Card is a board with microprocessors, transistors, and other small electronic components. Such a board slides into the slot of a telephone system, personal computer, or other electronic equipment.</p> <p><b>Eligibility:</b>  To be eligible, the circuit card must be a necessary part of eligible equipment, e.g., part of an eligible PBX, router, or file server.</p>	
<p>Client Access License  (Software)</p>	<p><b>Description:</b>  A Client Access License is a software licensing approach used by some vendors, and provides authorization to access a software product.</p> <p><b>Eligibility:</b>  Client Access Licenses that provide access to eligible software are in turn eligible. For example, Client Access Licenses for an eligible network operating system are eligible. Client Access Licenses for word processing or spreadsheet software are not eligible.</p>	
<p>CODEC / Video Encoder  (Video Components)</p>	<p><b>Description:</b>  A CODEC ("coder/decoder"), also known as a video encoder, is a device comprising an encoder and decoder in the same equipment. The CODEC produces a coded output and compresses and decompresses audio and video signals.</p> <p><b>Eligibility:</b>  A CODEC or video encoder is eligible</p>	

	for discount.	
Conduit, Raceway, Power Poles (Cabling/ Connectors)	<p><b>Description:</b> Conduit, raceway, and power poles are metal or plastic pipe used to protect cable.</p> <p><b>Eligibility:</b> Conduit, raceway, and power poles are eligible if used for housing eligible Internal Connections cabling. Conduit, raceway, and power poles used for electrical service wiring are not eligible. If conduit has a mixed use, such as for both electrical wiring and network cabling, cost of the ineligible portion must be excluded. For further information, please see the Special Eligibility Condition for Cost Allocation.</p> <p><b>Special Eligibility Condition:</b> <a href="#">Cost Allocation</a></p>	
Connector (Cabling/ Connectors)	<p><b>Description:</b> A cable connector is a device that connects wires or fibers.</p> <p><b>Eligibility:</b> Cable connectors for eligible cabling or equipment are eligible.</p>	
Consumables (None)	<p><b>Description:</b> Consumables consist of miscellaneous components that are depleted with use, such as tape, splicing materials, labels, and wire wrap.</p> <p><b>Eligibility:</b> Consumables are eligible if included as part of the original installation of eligible components. Consumable products are ineligible when they are not included as part of an original installation. Consumable kits which contain installation tools are ineligible.</p>	
Coupler (Cabling/ Connectors)	<p><b>Description:</b> A coupler is a passive device that accepts one input broadband signal and replicates it onto two or more outputs.</p> <p><b>Eligibility:</b> A coupler used in the installation of eligible cable is eligible for discount. A coupler used for the installation of cable television service, or other ineligible use, is not eligible for discount.</p>	

<p>Disaster Recovery (Data Protection)</p>	<p><b>Description:</b> Disaster recovery describes a means of restoring service to a computer network that has suffered a disaster. Such costs may include the rental of a site that houses links and equipment that is modeled after the network.</p> <p><b>Eligibility:</b> Disaster Recovery is not eligible.</p>	<p>Not Eligible</p>
<p>Documentation (Technical Services)</p>	<p><b>Description:</b> Documentation includes support material provided in the form of paper or electronic media. It may include diagrams, blueprints, equipment specifications or instruction manuals for services and products.</p> <p><b>Eligibility:</b> Basic documentation is eligible for discount if provided as part of the purchase or installation of eligible equipment or eligible services.</p>	
<p>E911 Reader Board (Telephony Components)</p>	<p><b>Description:</b> The E911 Reader Board is adjunct hardware for a PBX and used to access E911 Emergency service.</p> <p><b>Eligibility:</b> An E911 Reader Board is eligible.</p>	
<p>Electrical System Upgrades (None)</p>	<p><b>Description:</b> "Electrical system upgrades" refers to products and services that provide, upgrade, or enhance the provision of electrical power.</p> <p><b>Eligibility:</b> The addition of electrical circuits and outlets to accommodate computer hardware is not eligible. However, a power adapter that converts wall power to a different voltage required for operation of an eligible component is eligible.</p>	<p>Not Eligible</p>
<p>E-mail Software (Software)</p>	<p><b>Description:</b> E-mail software provides functionality for sending and receiving e-mail messages.</p> <p><b>Eligibility:</b> A server-based, shared software product that provides e-mail service is eligible. Such e-mail software may include basic calendar or scheduling functionality on an ancillary basis, but</p>	



	<p>substantial additional functionality, including database, workflow, or groupware features, would make the software product ineligible, unless the ineligible portions are cost allocated. Please see the Special Eligibility Conditions below for further information.</p> <p><b>Special Eligibility Conditions:</b>  <a href="#">Software</a>  <a href="#">Cost Allocation</a></p>	
<p>Environmental Monitoring Components (Data Protection)</p>	<p><b>Description:</b>  Environmental Monitoring components provide information about heat, humidity, or other factors in order to provide a warning system for conditions that may affect the correct operation of equipment. For example, an environmental monitoring card is sometimes available as an optional feature of an uninterruptible power supply, and is used to monitor the environmental conditions of a rack, computer room, or data center.</p> <p><b>Eligibility:</b>  Environmental monitoring components are used to monitor or provide climate control and are not required to deliver information to individual classrooms or public areas of a library. Such components are not eligible for discount.</p>	<p>Not Eligible</p>
<p>Faceplate (Cabling/ Connectors)</p>	<p><b>Description:</b>  A faceplate is a cover that fits over a jack, outlet, or dial.</p> <p><b>Eligibility:</b>  Faceplates for telephones and end-user equipment are not eligible. Faceplates for electrical outlets are not eligible. Faceplates for communications jacks or data outlets are eligible.</p>	
<p>Fax Machine (End-User)</p>	<p><b>Description:</b>  Short for facsimile, a fax machine is a device in which the image of a document is electronically transferred over the telephone network and printed out elsewhere.</p> <p><b>Eligibility:</b>  Fax machines are not eligible for discount.</p>	<p>Not Eligible</p>

<p>File Server (Computers)</p>	<p><b>Description:</b> A file server is a shared computer on a local area network.</p> <p><b>Eligibility:</b> Servers are conditionally eligible for discount. File servers must serve as a conduit for information rather than as a source for content to be eligible. File servers used principally to supplement storage requirements of personal computers on a network are not eligible. A network operating system associated with an eligible file server is likewise eligible for discount, including functionality provided with the core network operating system at no cost. Please see the Special Eligibility Conditions below for further information. In addition, see the separate entries for Web Server, Terminal Server, and Remote Access Server for eligibility information about these server types.</p> <p><b>Special Eligibility Conditions:</b> <a href="#">Network File Servers</a> <a href="#">Cost Allocation</a></p>	
<p>Firewall (Data Protection)</p>	<p><b>Description:</b> A firewall is 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.</p> <p><b>Eligibility:</b> A firewall is eligible for discount if it provides basic and reasonable security protections to prevent unauthorized access to the information, software, and systems of an applicant's eligible components.</p>	
<p>FRAD (Interfaces, Gateways, Antennas)</p>	<p><b>Description:</b> Short for Frame Relay Assembler/Disassembler, the FRAD is a communications device that breaks a data stream into frames for transmission over a Frame Relay network and recreates a data stream from incoming frames. A Frame Relay router serves the same purpose but provides more intelligence in avoiding congestion.</p>	

	<p><b>Eligibility:</b> FRADs are eligible for discount.</p>	
<p>Gateway (Interfaces, Gateways, Antennas)</p>	<p><b>Description:</b> A gateway is a network device that acts as an entrance to another network, and often is used to connect two otherwise incompatible networks.</p> <p><b>Eligibility:</b> A gateway that interconnects network segments is eligible if used for an eligible purpose. The use of gateways or other devices for caching or other ineligible functions is not eligible.</p>	
<p>Hard Disk Drive (Storage Devices)</p>	<p><b>Description:</b> A hard disk drive is a storage device that consists of magnetic platters that spin like a record player, and magnetic pickup devices, called heads, that are like the needle of the record player. All this is sealed in a vacuum in order to maintain tight tolerances and enhance service life.</p> <p><b>Eligibility:</b> Hard disk drives, including arrays of multiple drives, are eligible for discount if used with an eligible component such as an eligible server, for an eligible use, e.g., if they are an essential element in the transmission of information within the school or library. Hard drives and other storage devices are not eligible if used principally to supplement storage requirements of personal computers on a network. Please see the Special Eligibility Condition below for further information.</p> <p><b>Special Eligibility Condition:</b> <a href="#">Storage</a></p>	
<p>Head End Equipment (Interfaces, Gateways, Antennas)</p>	<p><b>Description:</b> Head End Equipment located at the originating point for signals in cable TV systems.</p> <p><b>Eligibility:</b> Head End Equipment is not eligible for discount.</p>	<p>Not Eligible</p>
<p>Homework Hotline Equipment (Telephony Components)</p>	<p><b>Description:</b> Homework Hotline equipment provides an automated response or call routing system that provides information to callers about school assignments.</p>	<p>Not Eligible</p>

	<p><b>Eligibility:</b> Equipment used to provide a Homework Hotline, including text to voice translation modules, recording devices, automatic dialers, automatic call directors and other components are not eligible for discount. See also the entry for Homework Hotline in the Telecommunications section of this document.</p>	
Hub (Data Distribution)	<p><b>Description:</b> Hubs are central connection points for many types of local area networks, interconnecting cabling from many individual devices, such as computer workstations, printers, servers, and other hubs.</p> <p><b>Eligibility:</b> Hubs are eligible for discount.</p>	
Intercom (Intercom and Voice Paging)	<p><b>Description:</b> An intercom is an internal communication system, originally consisting of multiple speaker/microphone devices connected into an amplifier system. Now most intercoms are a part of telephone systems, although separate intercom systems continue to be used in many schools.</p> <p><b>Eligibility:</b> A stand-alone intercom system is not eligible for discount because it does not facilitate the transport of an eligible telecommunications or Internet Access service. However, an intercom system that is an integral part of a PBX, Centrex, or key system can be included as an ancillary component of the PBX, Centrex, or key system. Please see the Special Eligibility Condition below for further information.</p> <p><b>Special Eligibility Condition:</b> <a href="#">Ancillary Use</a></p>	Not Eligible
Interface/Edge Device (Interfaces, Gateways, Antennas)	<p><b>Description:</b> An Interface or Edge Device is a physical device that can pass packets between a legacy type of network and an ATM network. The device may be a router or Ethernet-to-ATM switch that directly connects to an ATM network.</p>	

	<p><b>Eligibility:</b> Interfaces and Edge Devices are eligible for discount.</p>	
<p>Key System (KSU) (Telephony Components)</p>	<p><b>Description:</b> A Key System, also known as Com Key System or a KSU, is a type of phone system that permits more than one telephone line, PBX extension, private line or intercom line to appear on a single telephone.</p> <p><b>Eligibility:</b> The common control unit of a Key System is eligible for discount. End-user telephones are not eligible.</p>	
<p>Laptop / Notebook Computer (Computers)</p>	<p><b>Description:</b> A laptop or notebook computer is a light weight portable computer designed for mobility.</p> <p><b>Eligibility:</b> Laptop computers are presumed to be not eligible for discount. In most cases, laptop computers will be used as workstations which are not eligible for discount.</p>	<p>Not Eligible</p>
<p>Lightning Arrestor (Data Protection)</p>	<p><b>Description:</b> A lightning arrestor is a device that protects computer equipment from lightning and static.</p> <p><b>Eligibility:</b> A lightning arrestor is not eligible for discounts.</p>	<p>Not Eligible</p>
<p>Local Area Network (Data Distribution)</p>	<p><b>Description:</b> A Local Area Network (LAN) is a short distance data communications network used to link together computers and peripheral devices under some form of standard control. The LAN is most often connected by cabling or wireless links within the same building. A Local Area Network consists of several components, including cabling, file servers, computer workstations, network interface cards, printers, and data distribution equipment such as network switches, hubs, and routers.</p> <p><b>Eligibility:</b> The components of a Local Area Network are evaluated individually to determine eligibility. For example, network cabling is eligible, but</p>	

	<p>eligibility of a network file server is based on the use of the server. See individual entries for cabling, file servers, computer workstations, network interface cards, printers, network switches, hubs, and routers for additional information.</p> <p>There is a rebuttable presumption that a network that crosses a public right-of-way is not an eligible Local Area Network. Please see the Special Eligibility Condition below for further information.</p> <p><b>Special Eligibility Condition:</b>  <a href="#">WAN Versus LAN Components</a></p>	
Maintenance and Technical Support (Technical Services)	This entry has been moved to the section of this document entitled "Basic Maintenance of Internal Connections."	
Mast (Interfaces, Gateways, Antennas)	<p><b>Description:</b>  A mast is a pole or structure on which an antenna is placed.</p> <p><b>Eligibility:</b>  Masts are eligible for discount if used to support eligible Internal Connections.</p>	
Media Converter (Cabling/ Connectors)	<p><b>Description:</b>  A media converter is a module that converts one type of media to another type of media for network compatibility. The actual media can vary, such a fiber, coax, or twisted pair.</p> <p><b>Eligibility:</b>  Media converters are eligible when used for eligible products or services. See also the entry in the section for TX-to-FX converter.</p>	
Memory Module / Random Access Memory (RAM) (Circuit Cards/ Components)	<p><b>Description:</b>  A memory module is the electronic holding place for instructions and data that a computer's microprocessor can reach quickly. The module usually holds multiple Random Access Memory (RAM) chips, in a standard configuration. Common types are SIMM, DIMM, RDRAM, SDRAM.</p> <p><b>Eligibility:</b>  A memory module is eligible if installed as a component of an eligible product.</p>	
Monitor	<b>Description:</b>	

<p>(Circuit Cards/ Components)</p>	<p>A monitor is the video display unit (television screen) that is used to display information from a computer.  <b>Eligibility:</b>  One monitor per eligible file server is eligible for discount. Monitors designed or intended for end-users, or end-user workstations, such as large screen monitors, are not eligible.</p>	
<p>Multimedia Kit (Software)</p>	<p><b>Description:</b>  A multimedia kit is a package of hardware and software that adds multimedia capabilities to a computer. Typically a multimedia kit includes a CD ROM or DVD player, a sound card, speakers, and a bundle of CD ROMs.  <b>Eligibility:</b>  Multimedia kits include content and/or are installed as end-user equipment, and therefore are not eligible for discount.</p>	<p>Not Eligible</p>
<p>Multiple-Feature Equipment (None)</p>	<p><b>Description:</b>  Multiple-feature equipment includes equipment that contains both eligible and ineligible components, such as both a video codec (eligible) and a camera (not eligible).  <b>Eligibility:</b>  In general, funding requests that provide only a single price for a product or service that contains both eligible and ineligible functionality are fully ineligible. However, cost allocation may be used to provide separated pricing for the eligible and ineligible components. In addition, in certain limited cases, an eligible product or service can include ineligible components on an ancillary basis. Please see the Special Eligibility Conditions below for further information.  <b>Special Eligibility Conditions:</b>  <a href="#">Cost Allocation</a>  <a href="#">Ancillary Use</a></p>	
<p>Multiplexer (Data Distribution)</p>	<p><b>Description:</b>  A multiplexer is electronic equipment that allows two or more signals to pass over one communications circuit. The circuit may be a telephone line,</p>	

	<p>dedicated line, or radio signal. It provides an economic approach for transporting, for example, up to 24 voice grade lines on a single circuit.</p> <p><b>Eligibility:</b> If provided as part of Internal Connections for a local area network, a multiplexer is eligible.</p>	
<p>Network Interface Card (NIC) (Circuit Cards/ Components)</p>	<p><b>Description:</b> A network interface card (NIC) is an electronic device that connects a workstation or server to a network. A NIC works with the network software and computer operating system to transmit and receive messages on the network.</p> <p><b>Eligibility:</b> NICs are eligible for discount if they are separately priced on a contract or are sold separately. NICs embedded in ineligible equipment, such as computer workstations, and not separately priced on a contract, are not eligible.</p>	
<p>Network Interface Device (Interfaces, Gateways, Antennas)</p>	<p><b>Description:</b> The Network Interface Device, or NID, is a device installed between a telephone network and the inside wire of a customer premises. The NID is generally provided by the telephone company and is the transition, or demarcation point between the company's network and the customer's inside wiring.</p> <p><b>Eligibility:</b> A NID is the beginning of the Internal Connections on the customer's premises. Installed with Telecommunications Services, there is normally no charge for the NID. However, if a cost is associated with the installation of the NID or the NID itself, it is eligible for discount as Internal Connections.</p> <p>The NID also can be provided as a part of Telecommunications Services if it is installed coincident with a Telecommunications Service.</p>	
<p>Network Management (Technical Services)</p>	<p><b>Description:</b> Network Management is a system of equipment or software used in</p>	<p>Not Eligible</p>



	<p>monitoring, controlling, and managing a communications network.</p> <p><b>Eligibility:</b> Network management software, services, and equipment are not eligible for discount.</p>	
<p>Network Switch (Data Distribution)</p>	<p><b>Description:</b> A switch is a mechanical or electronic device that completes or breaks an electrical path, or selects the paths for communication. More specifically, network switches provide capability similar to that described in the entry for Hub in this section, but additionally provide a dedicated bandwidth at each network port, rather than a shared bandwidth among all ports.</p> <p><b>Eligibility:</b> Network switches are eligible for discount when used for an eligible purpose. Some products may have modules or features that are not eligible, (e.g. network management). If these ineligible components are available separately, or the applicant specifically seeks the ineligible functions, their cost must be subtracted from the amount eligible for discount. Please see the Special Eligibility Conditions below for further information.</p> <p><b>Special Eligibility Conditions:</b> <a href="#">Cost Allocation</a> Ancillary Use</p>	
<p>Operating System Software (Software)</p>	<p><b>Description:</b> An Operating System is software that enables the basic operations of a computer system or other electronic device. For example, it can configure the communication paths between memory and storage. Other software depends on the functions of the operating system in order to operate correctly.</p> <p><b>Eligibility:</b> Software required to obtain operation of eligible equipment, such as network operating system software, is eligible if required as a core component of an eligible Internal Connection. Software available separately that provides</p>	

	<p>optional operational features is not eligible for discount.</p> <p>Examples of ineligible operational software include separate products that provide caching, filtering, network administration, network management, and web site construction. Such functionality may be included as an ancillary component of otherwise eligible operational software, but only if the conditions for ancillary use apply. Please see the Special Eligibility Condition below for further information.</p> <p><b>Special Eligibility Condition:</b>  <a href="#">Ancillary Use</a></p>	
Pager (End-User)	<p><b>Description:</b>  A Pager (also known as a Beeper) is the receiving end of a paging service and is a small device worn on the belt, or carried in a handbag. Pagers provide text or voice messages, or both.</p> <p><b>Eligibility:</b>  Paging equipment is not eligible for discount. However, a Paging Service may be eligible as a Telecommunications Service. See Paging Service in the Telecommunications Services section of this document.</p>	Not Eligible
Personal Computer (Computers)	<p><b>Description:</b>  Personal computers, or workstations, are computers designated, or designed for one person's use. They are distinguished from computers used in the routing of information to individual classrooms.</p> <p><b>Eligibility:</b>  Personal computers are not eligible for discount.</p>	Not Eligible
Personal Digital Assistant (PDA) (Computers)	<p><b>Description:</b>  Personal Digital Assistant (PDA) is a handheld device that can provide several functions such as calendaring, telephone, and e-mail. Some PDAs have wireless networking features.</p> <p><b>Eligibility:</b>  PDAs are end-user equipment and therefore are not eligible for discount.</p>	Not Eligible
Phone Modem (Circuit Cards/	<p><b>Description:</b>  Phone modems are devices that</p>	

Components)	<p>convert data signals into suitable form for transmission and receipt over a telephone line.</p> <p><b>Eligibility:</b> Phone modems are not eligible if provided in or with end-user equipment. Phone modems can be eligible if used with an eligible file server or other eligible device for providing dial-in network access. However, limitations apply in the eligible use of modems, as described in the entry for Remote Access Components.</p>	
Printer (End-User)	<p><b>Description:</b> A printer is a device that receives computer information and prints it on paper.</p> <p><b>Eligibility:</b> Printers are not eligible for discount.</p>	Not Eligible
Private Branch Exchange (PBX) (Telephony Components)	<p><b>Description:</b> A PBX is a telephone switching system located at a business or organization's site. The PBX provides internal station-to-station dialing and access to the public switched network.</p> <p><b>Eligibility:</b> A PBX and the core PBX operating system are, in general, eligible for discount. Some products may have modules or features that are not eligible. These include Automatic Call Distribution, and programming modules or software. If these ineligible components are available separately, or the applicant specifically seeks the ineligible functions, their cost must be subtracted from the amount eligible for discount. If the ineligible components are not available separately, the full product may be eligible for discount, but only if the conditions for ancillary use apply. Please see the Special Eligibility Condition below for further information.</p> <p><b>Special Eligibility Condition:</b> <a href="#">Ancillary Use</a></p>	
Processor Terminator Card (Circuit Cards/	<p><b>Description:</b> A processor terminator card is a device installed in a multi-processor computer</p>	

Components)	<p>to signal the computer that only one processor is installed.</p> <p><b>Eligibility:</b> The processor terminator card is eligible if installed in an eligible server.</p>	
Proxy Server (Computers)	<p><b>Description:</b> A proxy server is a device that sits between "trusted clients" (e.g., workstations inside an organization) and "untrusted clients" (e.g., the Internet) and provides security features and oftentimes address translation. To the untrusted clients, communication appears to be taking place with the proxy, even though the communication is passed through, to and from the trusted clients.</p> <p><b>Eligibility:</b> A proxy server is eligible for discount if it provides basic and reasonable security protections to prevent unauthorized access to the information, software, and systems of an applicant's eligible components.</p>	
Public Address (PA) System (Intercom and Voice Paging)	<p><b>Description:</b> A Public Address system allows the user to make announcements through the use of amplifiers and speakers.</p> <p><b>Eligibility:</b> A Public Address system, which is a stand-alone system and not integral as a bundled component of a PBX, Centrex or key system, is not eligible for discounts.</p>	Not Eligible
PVBX (Video Components)	<p><b>Description:</b> A PVBX or Private Video Branch Exchange is a video PBX. The PVBX integrates the functionality of a PBX by providing video integrated into the switching matrix of the PVBX. The PVBX acts as a video distribution system linking classrooms and administration as well as traditional PBX methodologies.</p> <p><b>Eligibility:</b> A PVBX follows the same eligibility requirements as a PBX—in general, it is eligible for discount. See the listing for PBX for detailed eligibility information.</p>	

<p>Racks and Cabinets (None)</p>	<p><b>Description:</b> A rack is a metal supporting framework for mounting cables, equipment or wires. A cabinet is an enclosure for equipment, terminating cables, connection devices and/or wires.</p> <p><b>Eligibility:</b> Racks and cabinets are eligible only to the extent that the components they contain are eligible.</p>	
<p>Remote Access Components (Computers)</p>	<p><b>Description:</b> Remote access components, such as a remote access router or communications server, provide one or more interfaces that allow dial-up or remote access to a network.</p> <p><b>Eligibility:</b> Components that are capable of providing remote access can be eligible if steps are taken to ensure that only eligible entities, from eligible locations, will have the capability to access them. Remote access cannot be available from homes or other non-school or non-library sites. Applicants are required to provide a signed and dated certification that this condition is met. The required certification is as follows: "The remote access equipment for which I seek discounts either will not be used to provide remote access or, if it is to be used remotely, I will take steps to ensure that only entities eligible for support under the Schools and Libraries Support Mechanism have the capability to access it. In the latter case, for example, access will not be available from homes or other non-school or non-library sites."</p>	
<p>Router (Data Distribution)</p>	<p><b>Description:</b> Routers are switching devices that can act as an interface between two networks, and connect different segments such as departments or floors in a building. Functionally, routers select the routing path for traffic, may provide features such as load balancing, and can provide trouble shooting diagnostic capabilities.</p> <p><b>Eligibility:</b> A router and the core router operating</p>	

	<p>system are eligible for discount when used for an eligible purpose. Some products may have modules or features that are not eligible, (e.g. content filtering, network management, and caching). If these ineligible components are available separately, or the applicant specifically seeks the ineligible functions, their cost must be subtracted from the amount eligible for discount. Please see the Special Eligibility Conditions below for further information.</p> <p><b>Special Eligibility Conditions:</b>  <a href="#">Cost Allocation</a>  Ancillary Use</p>	
<p>Satellite Dish (Interfaces, Gateways, Antennas)</p>	<p><b>Description:</b>  A Satellite Dish is an antenna capable of receiving signals from, and in some cases transmitting signals to, a communications satellite.</p> <p><b>Eligibility:</b>  Satellite Dishes at eligible locations used to connect local network facilities with a Wide Area Network may be funded as Internal Connections, or may be eligible when leased as a part of Telecommunications Services or Internet Access. See the entries for "Wide Area Network (WAN) Services" and "Wireless Wide Area Network" in the Telecommunications Services section, and the entry for "Wide Area Network" in the Internet Access section.</p> <p>Satellite dishes used for the receipt of over-the-air radio and television broadcast signals, or signals from cable television operators, are not eligible because these are not considered Telecommunications Services.</p>	
<p>Serial Card (Circuit Cards/ Components)</p>	<p><b>Description:</b>  A serial card is a printed circuit card installed in an expansion slot of a computer that provides one or more serial communication ports, often for the purpose of connecting one or more modems.</p> <p><b>Eligibility:</b>  Serial cards are eligible if the devices</p>	

	they support and the intended use of the cards are eligible. If used to provide remote access, see the entry for Remote Access Components.	
Spare Parts (None)	<b>Description:</b> Spare parts are components on hand to replace hardware that fails. <b>Eligibility:</b> Spare parts are not eligible.	Not Eligible
Speakers (Circuit Cards/ Components)	<b>Description:</b> Speakers are the components that provide sound from a computer, phone, intercom, stereo system, or other device. This entry refers only to external speakers, and not speakers built into a computer or other component. <b>Eligibility:</b> Speakers for end-users are not eligible. However, speakers may be provided as an integral component of an eligible product such as an eligible file server, if they are part of the standard product configuration and provided at no additional cost. Please see the Special Eligibility Condition below for further information. <b>Special Eligibility Condition:</b> <a href="#">Ancillary Use</a>	Not Eligible
Station Message Detail Recording (SMDR) (Telephony Components)	<b>Description:</b> Station Message Detail Recording (SMDR) or Call Detail Recording (CDR) is a software/hardware PBX component that provides the ability to generate reports on call details. Those details include, but are not limited to, call duration, PBX station number, time and date, trunk route, dialed number and cost of call. <b>Eligibility:</b> Station Message Detail Recording (SMDR) and Call Detail Recording (CDR) are not eligible for discount.	Not Eligible
Storage Media (Storage Devices)	<b>Description:</b> Storage media include products such as cartridge magnetic tape and floppy disks, and provide replaceable storage. <b>Eligibility:</b> Storage media are considered to be consumable products that are not	Not Eligible

	eligible.	
Storage Products (Storage Devices)	<p><b>Description:</b> Storage products provide electronic data storage on magnetic or other media. Devices include CD ROM drive (and CD tower), DVD drive, floppy disk drive, hard drive, and Zip drive.</p> <p><b>Eligibility:</b> Products that provide electronic data storage on magnetic or other media, for eligible file servers or other eligible products, are conditionally eligible, based on whether the software and/or data stored provides an eligible purpose, e.g. if it is necessary to transport information all the way to individual classrooms.</p> <p>In addition, storage products that provide a combination of eligible and ineligible functionality are fully ineligible, unless they are cost-allocated so that funding is requested only for eligible capability. Consumable products such as floppy disks and recordable CD ROM media are not eligible.</p> <p>Please see the Special Eligibility Conditions below for further information.</p> <p><b>Special Eligibility Conditions:</b> <a href="#">Storage</a> <a href="#">Cost Allocation</a></p>	
Surge Protector and Power Strip (Data Protection)	<p><b>Description:</b> Power strips provide multiple electrical commercial AC power outlets and can serve as an electrical extension cord. They may also protect equipment against voltage spikes and electrical disturbances (surge protection).</p> <p><b>Eligibility:</b> Power strips are electrical devices ineligible for discount. However, a rack-mounted or cabinet-mounted power strip/surge protector that is an integral component with no separable cost may be included on an ancillary basis as a part of an eligible component such as an eligible equipment rack. Please see the Special Eligibility Condition below for further information.</p> <p><b>Special Eligibility Condition:</b></p>	Not Eligible



	<a href="#">Ancillary Use</a>	
Switchboard and Attendant Console (Telephony Components)	<p><b>Description:</b> The operation of a PBX or Centrex system requires the use of a switchboard or attendant console for the transfer of incoming calls to the appropriate extension when systems are not equipped with Direct Inward Dialing. The switchboard or attendant console may include Direct Station Selection (DSS), which provides an easy means for transferring calls.</p> <p><b>Eligibility:</b> One switchboard or attendant console, with or without Direct Station Selection, qualifies for discount with each eligible PBX or Centrex system.</p>	
System Improvements and Upgrades (None)	<p><b>Description:</b> A system improvement or upgrade provides enhanced functionality to an existing product or configuration of products.</p> <p><b>Eligibility:</b> Improvements and upgrades to eligible services are eligible for discounts. Memory upgrades, for example, to eligible file servers are eligible, but memory upgrades would not be eligible in end-user workstations.</p>	
Tape Backup (Data Protection)	<p><b>Description:</b> Tape Backup units provide copies of computer files on magnetic tape, for protection against a catastrophic failure. Tape backup technologies include QIC, DAT, 8mm, DLT, AIT, and ADR.</p> <p><b>Eligibility:</b> Tape backup units are eligible when used as part of an eligible server. They are not eligible when part of a PC, or workstation. A cartridge included with a tape backup may be provided as an integral component of the backup unit, if the cartridge is part of the standard product configuration and provided at no additional cost. The cost of purchasing additional or separate tapes is not eligible.</p>	
Telephone, Telephone	<p><b>Description:</b> Telephones, also known as telephone</p>	Not Eligible

Instruments (End-User)	sets, telephone instruments, digital voice terminals, and voice terminals are the end-user equipment used to transmit and receive communications. <b>Eligibility:</b> Telephones and end-user telephone accessories are not eligible for discount.	
Terminal Adapter (Interfaces, Gateways, Antennas)	<b>Description:</b> A Terminal Adapter (TA) is a device that connects a computer to an external digital communications line, such as an ISDN line. <b>Eligibility:</b> Terminal adapters are eligible if used to connect to an eligible digital transmission service.	
Terminal Server (Computers)	<b>Description:</b> A Terminal Server is a specialized server that connects multiple terminals into a network. Traditionally, terminal servers were used to connect multiple "dumb" terminals into network resources, and today are additionally used to provide increased connectivity and performance for older computer workstations. <b>Eligibility:</b> Eligibility for Terminal Servers is based on whether the server is being put to an eligible use, based on the definition of eligible and ineligible server types as provided in the Special Eligibility Conditions indicated below. For example, if a Terminal Server is being used to provide Internet access to computers or terminals that would not otherwise have Internet access at the performance level desired, then the use may be eligible. If a Terminal Server is being used to store and provide ineligible software applications, then the use is ineligible. Terminal services used for multiple purposes, some eligible and some not eligible, must be cost allocated. <b>Special Eligibility Condition:</b> <a href="#">Network File Servers</a> <a href="#">Cost Allocation</a>	
Test Equipment	<b>Description:</b>	Not

(None)	<p>Test Equipment is used to test hardware, software, cable continuity, telecommunications links, etc.</p> <p><b>Eligibility:</b> Test equipment is not eligible.</p>	Eligible
Transceiver (Interfaces, Gateways, Antennas)	<p><b>Description:</b> A transceiver is a device that transmits and receives analog or digital signals. The term is used most frequently to describe the component in local area networks (LANs) that actually applies signals onto the network wire and detects signals passing through the wire. For many LANs, the transceiver is built into the network interface card (NIC), while others require an external transceiver.</p> <p><b>Eligibility:</b> A separate transceiver is eligible for discount.</p>	
Two-Way Radio (End-User)	<p><b>Description:</b> Two-way radios are wireless end-user devices used to communicate, generally over short distances.</p> <p><b>Eligibility:</b> Two-way radios are end-user devices and are not eligible for discount.</p>	Not Eligible
TX-to-FX Converter (Interfaces, Gateways, Antennas)	<p><b>Description:</b> A TX-to-FX converter, also know as a copper-to-fiber converter, is a device that converts a copper connection to a fiber optic connection.</p> <p><b>Eligibility:</b> A TX-to-FX converter is eligible for discount. See also the entry in this section for media converter.</p>	
Uninterruptible Power Supply / Battery Backup (Data Protection)	<p><b>Description:</b> An Uninterruptible Power Supply (UPS), also called a battery backup, is a device that provides backup electric energy to a piece of equipment in the event of a power failure.</p> <p><b>Eligibility:</b> A UPS is eligible if provided for use with an eligible component. In addition, a UPS Interface Expander (which allows a UPS to provide power management to multiple devices) and a Relay I/O Module (which establishes UPS protection for equipment not pre-</p>	

	<p>designed for a UPS interface) are eligible if used for eligible equipment. A UPS system used as protection for both eligible and ineligible components must be cost allocated. Please see the Special Eligibility Condition below for further information.</p> <p>In addition, no funding will be provided for UPS systems that can provide continued backup power for substantial periods in excess of that necessary for basic power protection.</p> <p><b>Special Eligibility Condition:</b>  <a href="#">Cost Allocation</a></p>	
Video Equipment (Video Components)	<p><b>Description:</b>  Video Equipment involves a range of capabilities and technologies that provide moving images on television screens or computer monitors.</p> <p><b>Eligibility:</b>  Video Equipment used to transport video information all the way to individual classrooms or public areas of a library is eligible for discount. Video Equipment used for storage or caching is not eligible. Video Equipment used by end-users is not eligible. Please see the Special Eligibility Condition below for further information.</p> <p><b>Special Eligibility Condition:</b>  <a href="#">Video Components</a></p>	
Virtual Private Network (VPN) Components (Data Distribution)	<p><b>Description:</b>  A Virtual Private Network (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.</p> <p><b>Eligibility:</b>  Virtual Private Network components are eligible for discount if they provide basic and reasonable security protections to prevent unauthorized access to the information, software, and systems of an applicant's eligible components.</p>	
Voice Compression Module (Telephony Components)	<p><b>Description:</b>  A Voice Compression Module allows voice and fax traffic to share the same lines as data and LAN traffic.</p>	

	<p><b>Eligibility:</b> A Voice Compression Module is an eligible component of Internal Connections when it is installed in an eligible component.</p>	
Voice Interface Card (Telephony Components)	<p><b>Description:</b> Voice Interface Cards (VIC) are usually components of a router or PBX system that interface with internal systems and the Public Switched Telephone Network. Some examples of VICs are FXO Cards, E&amp;M Cards, and FXS Cards.</p> <p><b>Eligibility:</b> Voice Interface Cards are eligible for discount.</p>	
Voice Mail Equipment (Telephony Components)	<p><b>Description:</b> Voice Mail equipment allows users to receive voice messages left by telephone callers, and may have other features such as message forwarding.</p> <p><b>Eligibility:</b> Centralized voice mail equipment is eligible. However, end-user products such as answering machines are not eligible.</p> <p>In addition, a voice mail service may be requested in either the Telecommunications Services category of service (if the service provider is a telecommunications carrier) or the Internet Access category of service (for any service provider). See the entry for Voice Mail Service in the Miscellaneous section of this document for further information.</p>	
Voice/Fax Network Module (Interfaces, Gateways, Antennas)	<p><b>Description:</b> A Voice/Fax module is an access product that enables the transmission of multiprotocol data--voice, fax and LAN--over frame relay, leased line, DDS or ISDN services.</p> <p><b>Eligibility:</b> Voice/Fax modules are eligible when used with eligible equipment.</p>	
Voice/Video over IP (VoIP) Components (Data Distribution)	<p><b>Description:</b> Voice/video over IP (VoIP) components refers to equipment that utilizes the TCP/IP suite of protocols to provide voice and/or video communications.</p> <p><b>Eligibility:</b></p>	

	<p>Otherwise eligible Internal Connections components may include technology for providing real-time or near real-time voice or video over IP (VoIP). However, see the entry for Voice over IP Service in the Miscellaneous section of this document regarding VoIP services requested as Telecommunications or Internet Access.</p>	
<p>Web Server (Computers)</p>	<p><b>Description:</b> A Web server is a computer file server used to provide information on an open basis to all users of the Internet, and can also be used to provide web-based software applications and other web-based functions.</p> <p><b>Eligibility:</b> A web server used to provide content to users of the Internet is eligible for discount. A Web server used for ineligible functions such as providing software applications, database functions, or storage of end-user files is considered an Application Server, Database Server, or Archive Server, respectively, and therefore is not eligible. Please see the Special Eligibility Condition below for further information.</p> <p><b>Special Eligibility Condition:</b> <a href="#">Network File Servers</a></p>	
<p>Wire and Cable Maintenance (Technical Services)</p>	<p><b>Description:</b> Wire and Cable Maintenance Plan refers to the repair, replacement and maintenance of customer owned inside cabling.</p> <p><b>Eligibility:</b> The maintenance of eligible internal cabling is eligible for discount as a component of contracted maintenance support. See the entry for Maintenance and Technical Support for further information.</p>	
<p>Wire Manager (Cabling/ Connectors)</p>	<p><b>Description:</b> Wire managers are wire restraints to house or arrange wiring and cabling. They can be aluminum or plastic and may be rack-mountable.</p> <p><b>Eligibility:</b></p>	

	Wire managers are eligible when used with eligible wiring and cabling.	
Wireless Local Area Network (Data Distribution)	<p><b>Description:</b> A Wireless Local Area Network provides the functionality of a local area network using wireless components rather than cabling.</p> <p><b>Eligibility:</b> A Wireless Local Area Network has the same eligibility as other Local Area Networks. Hubs, access points, antenna and other components that provide a wireless Local Area Network capability are eligible for discount. See the entries for "Local Area Network," "Antenna," and "Network Interface Card" in this section for additional information.</p> <p>Internal Connections funding will not be provided for wireless components that are configured for ineligible Wide Area Network capability, i.e., for data connectivity across a public right of way. See the Special Eligibility Condition below for further information.</p> <p><b>Special Eligibility Condition</b> WAN vs. LAN Components</p>	
Wireless PBX Adjunct (Telephony Components)	<p><b>Description:</b> A Wireless PBX Adjunct functions in conjunction with a Private Branch Exchange, to provide wireless capability to the station end.</p> <p><b>Eligibility:</b> A Wireless PBX Adjunct is eligible for discount when used within a single eligible school or library campus. However, wireless capability that is configured for Wide Area Network use, e.g., across a public right of way, is not eligible as Internal Connections. See the Special Eligibility Condition below for further information.</p> <p><b>Special Eligibility Condition:</b> WAN vs. LAN Components</p>	
Workstation (Computers)	<p><b>Description:</b> A computer workstation is a personal computer that may operate in a stand-alone environment, or may be connected to a host computer as part of a network.</p>	Not Eligible

	<p><b>Eligibility:</b> Workstations, personal computers, or other end-user components are not eligible for discount. If the keyboard, mouse, display, or other features of a computer workstation are used by end-users, computer workstations are not eligible, even if the workstation can also function in the capacity of a file server.</p>	
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## Basic Maintenance of Internal Connections

Basic Maintenance ensures the necessary and continued operation of eligible internal connection components at eligible locations.

A technical support contract that provides more than basic maintenance is not eligible for E-rate discounts. Funding for basic maintenance is NOT subject to the provisions indicated in the document "Two Out of Five Rule' for Internal Connections," available in the SLD Reference Area of the USAC web site. All requests in this category will be treated as recurring services with services to be delivered within the July 1 to June 30 Funding Year.

<p>Maintenance and Technical Support (Technical Services)</p>	<p><b>Description:</b> Basic maintenance services are "necessary" if, but for the maintenance at issue, the connection would not function and serve its intended purpose with the degree of reliability ordinarily provided in the marketplace to entities receiving such services without e-rate discounts. Basic maintenance services do not include services that maintain equipment that is not supported or that enhance the utility of equipment beyond the transport of information, or diagnostic services in excess of those necessary to maintain the equipment's ability to transport information.</p> <p><b>Eligibility:</b> Basic maintenance is eligible for discount only if it is a component of a maintenance agreement or contract for eligible services or products, and these maintenance services are cost effective. The agreement or contract must specifically identify the eligible products or services covered, including product name, model number, and location.</p> <p>The following products and services are generally eligible: repair and upkeep of eligible hardware, wire and cable maintenance, basic technical support and configuration changes.</p> <p>The following products and services are ineligible: on-site technical support (i.e., contractor duty station at the applicant site) when off-site technical support can provide basic maintenance on an as-</p>	
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	needed basis, services such as 24-hour network monitoring and network management, help desks (that provide a comprehensive level of support beyond basic maintenance of only eligible components), and technical support contracts that are more than basic maintenance.	
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**Miscellaneous**

The service category for entries in this section should reflect the same category as the product or service being installed or maintained--Telecommunications Services, Internet Access, or Internal Connections.

<b>Product Type (Function)</b>	<b>Description</b>	<b>Eligibility</b>
Broadcast Services (Miscellaneous)	<p><b>Description:</b> Broadcast services provide access to the general public to video and/or audio information from over-the-air radio or television stations, including satellite broadcast stations.</p> <p><b>Eligibility:</b> Services that provide access to broadcast content, cable television content, or similar general-purpose point-to-multipoint information are not considered Telecommunications Services and are therefore not eligible for discount.</p>	Not Eligible
Change Fees (Miscellaneous)	<p><b>Description:</b> Change fees are charges imposed for the modification of an existing service.</p> <p><b>Eligibility:</b> Costs incurred in modifying an existing eligible service to another eligible service are eligible.</p>	
Configuration Charges (Miscellaneous)	<p><b>Description:</b> "Configuration" places a product or service into operation, or modifies the operation of an existing product or service.</p> <p><b>Eligibility:</b> Charges for the configuration of eligible hardware and software are eligible.</p>	

<p>Construction Costs (Miscellaneous)</p>	<p><b>Description:</b> Construction costs involve the creation, modification, or repair of physical facilities, such as the removal, creation, repair, or replacement of walls and doorways.</p> <p><b>Eligibility:</b> Construction costs generally are not eligible. However, minor construction incidental to component installation, that restores a facility to pre-installation conditions, is eligible. Asbestos removal is not eligible.</p>	
<p>Contingency Fee (Miscellaneous)</p>	<p><b>Description:</b> A contingency fee is an additional potential cost included in a price quotation, contract, or agreement to accommodate unplanned factors that might arise once an installation is underway.</p> <p><b>Eligibility:</b> In cases in which the scope of the work make it difficult to determine the specific costs beforehand, a service provider may include a reasonable contingency fee, but such a contingency fee is eligible only if it is a regular business practice of the service provider.</p>	
<p>Dark Fiber (Miscellaneous)</p>	<p><b>Description:</b> Dark fiber refers to fiber optic cable for which the service provider has not provided modulating electronics, i.e., they provide "dark" or "unlit" fiber. In some cases, this communication capacity will be leased to organizations that will add their own modulating electronics.</p> <p><b>Eligibility:</b> The FCC has not resolved whether the provision of unlit dark fiber is a telecommunications service. Pending resolution of this issue, it is not eligible for funding. While a dark fiber service is ineligible, a fiber service that is lit by the service provider can be eligible for funding. See the entry "Digital Transmission Services" in the Telecommunications Services section of this document, and the Special Eligibility Condition below, for further information.</p> <p><b>Special Eligibility Condition:</b></p>	<p>Not Eligible</p>

	<a href="#"><u>Lease of Wide Area Network Infrastructure</u></a>	
Duplicative Services (Miscellaneous)	<p><b>Description:</b> Duplicative services are services that deliver the same functionality to the same population in the same location during the same period of time.</p> <p><b>Eligibility:</b> Any service that is duplicative of a service already requested or being used by the applicant will not be eligible. Services that provide necessary bandwidth requirements consistent with an applicant's Technology Plan, such as multiple T-1 lines when appropriate for the population served and the services to be received, are not duplicative.</p>	Not Eligible
Extended Warranty (Miscellaneous)	<p><b>Description:</b> Extended warranties are those that cover periods of time both within and outside the current funding year.</p> <p><b>Eligibility:</b> Eligibility is limited only to that portion of the warranty within the current funding year. Extended or multi-year warranties must be prorated so only the portion of the warranty applicable to the current funding year is funded. However, if a manufacturer's multi-year warranty is included in the price of the equipment for all customers without a separately identified cost, proration is not required.</p>	
Finance or Interest Charges (Miscellaneous)	<p><b>Description:</b> A finance charge, or interest, is a charge assessed for borrowing.</p> <p><b>Eligibility:</b> Finance or interest charges assessed for loans to fund the lease or purchase of products or services are not eligible.</p>	Not Eligible
Freight Assurance Fees (Miscellaneous)	<p><b>Description:</b> Freight assurance fees are fees assessed to the purchaser for the guarantee of safe delivery to their premises of goods, i.e., they provide shipping insurance.</p> <p><b>Eligibility:</b> Freight assurance fees are eligible for discount if associated with eligible components.</p>	
Late Payment	<b>Description:</b>	Not Eligible

Charges/Fees (Miscellaneous)	<p>Late payment charges and fees are assessed when a customer fails to pay a bill within an allotted time period.</p> <p><b>Eligibility:</b> Late payment charges and fees are not eligible.</p>	
Lease Fees (Miscellaneous)	<p><b>Description:</b> A lease fee is a charge for the use of goods that are not owned by the applicant, i.e., rent.</p> <p><b>Eligibility:</b> Lease fees charged for the use of eligible services and products are eligible. However, any finance charges, associated with leasing or otherwise, are not eligible.</p>	
Per Diem (Miscellaneous)	<p><b>Description:</b> Per diem is a dollar amount designated to a vendor for daily expenses such as lodging and food. It may or may not include travel time.</p> <p><b>Eligibility:</b> Per diem expenses are eligible for funding if a contract with a vendor for eligible services specifically stipulates or allows for per diem, and it is cost effective. It is not eligible if it is not part of a contract or bid.</p>	
Performance Bond (Miscellaneous)	<p><b>Description:</b> A Performance Bond, also known as a Bid Bond, is a legal obligation, generally obtained by the vendor or contractor from a third party, that guarantees the terms of the contract or agreement are met. In the event of default or failure to meet the terms, the bond would be used to complete the contracted work.</p> <p><b>Eligibility:</b> Performance Bonds are not eligible.</p>	Not Eligible
Programming (Miscellaneous)	<p><b>Description:</b> Programming refers to the creation of software.</p> <p><b>Eligibility:</b> Programming for the creation of software functionality, or the enhancement or maintenance of customized software, is not eligible. However, charges for configuration of eligible operational software may be eligible. See the entry Maintenance and Technical Support in the Basic Maintenance of Internal Connections</p>	Not Eligible

	section of this document for further information.	
Shipping Charges (Miscellaneous)	<p><b>Description:</b> Shipping Charges are the charges associated with the delivery of products from their point of origin to the customer premises.</p> <p><b>Eligibility:</b> Shipping Charges are eligible for discount when they are for the delivery of eligible products or services.</p>	
Taxes, Surcharges, and Other Similar Charges (Miscellaneous)	<p><b>Description:</b> Taxes, surcharges, and other similar charges refer generally to additional fees that are a necessary component of the cost of a product or service.</p> <p><b>Eligibility:</b> Federal taxes, state taxes, and other similar, reasonable charges incurred in obtaining eligible Telecommunications Services, Internet Access and Internal Connections are eligible.</p>	
Technical Services (Miscellaneous)	<p><b>Description:</b> Technical services provide service provider expertise for the implementation or maintenance of technology.</p> <p><b>Eligibility:</b> Technical services are eligible if they are tied directly to, and required for, installation, basic configuration, and initial operation of eligible products and services. Services associated with initial planning, such as a determination of the technology and components to be deployed, are not eligible. Please see the Special Eligibility Condition below for further information about eligibility of costs for Design &amp; Engineering, Installation, Maintenance &amp; Technical Support, Project Management, Training, Consulting Services, and Personnel Costs.</p> <p><b>Special Eligibility Condition:</b> <a href="#">Technical Services</a></p>	
Termination Charges (Miscellaneous)	<p><b>Description:</b> Termination charges are fees assessed for the removal or discontinuation of a product or service.</p> <p><b>Eligibility:</b> Charges for termination liability or other charges not involved with obtaining or</p>	Not Eligible

	initiating eligible services are not eligible.	
Travel Time (Miscellaneous)	<p><b>Description:</b> Travel time refers to the time required for service provider personnel to travel to and/or from locations necessary to provide eligible services.</p> <p><b>Eligibility:</b> The cost of travel to and from a work site is eligible for discount only if a contract with a vendor for eligible services stipulates, or allows, travel time, and it is cost effective. It is not eligible if it is not part of a contract or bid.</p>	
Video Services (Miscellaneous)	<p><b>Description:</b> Video services involve the transmission of visual images.</p> <p><b>Eligibility:</b> Services that provide video transmissions may be provided under the eligibility requirements for Telecommunications Service or Internet Access. Cable and broadcast television, however, are not eligible for discount.</p>	
Voice Mail Service (Miscellaneous)	<p><b>Description:</b> Voice Mail Service is an information service that allows users to receive voice messages left by telephone callers, and may have other features such as message forwarding.</p> <p><b>Eligibility:</b> Voice mail services provided for one or more telephone lines are eligible for discount. Voice mail service need not be provided by a telecommunications carrier to be eligible. Voice mail service may be requested in either the Telecommunications Services category of service (if the service provider is a telecommunications carrier) or the Internet Access category of service (for any service provider). In addition, voice mail equipment may be requested in the Internal Connections category of service. However, end-user products such as answering machines are not eligible for discount.</p>	
Voice/Video over IP (VoIP) Service (Miscellaneous)	<p><b>Description:</b> Voice / Video over IP (VoIP), IP telephony, and related service offerings all employ a technology to transmit voice</p>	Not Eligible

	<p>conversations or video over a data network using the Internet Protocol.</p> <p><b>Eligibility:</b>  IP-enabled services are the subject of an open proceeding at the FCC to determine, among other things, whether certain types are Telecommunications Services. Pending FCC action with respect to specific services, such services are not eligible for funding.</p>	
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<b>Special Eligibility Conditions</b>	
<b>Title:</b>	<b>Condition:</b>
<b>Ancillary Use</b>	<p>If a product or service includes ineligible functionality, then, in general, the proportionate cost of this functionality must be removed from funding requests through a cost allocation process. However, in certain limited cases, if any ineligible functionality is not significant and strictly ancillary to the principle uses of the product or service, the full product or service may be eligible for discounts.</p> <p>The following conditions are considered when evaluating whether ineligible functionality is ancillary: (1) a price for the ineligible component cannot be determined separately and independently from the price of the eligible components, and (2) the specific package remains the most cost-effective means of receiving the eligible services, without regard to the value of the ineligible functionality. In addition, the applicant may not be specifically seeking one or more of the ineligible components.</p> <p>Funding requests that include only a single price for components that contain both eligible and ineligible functionality, and fail to meet the requirements for Ancillary Use, are fully ineligible. Therefore, applicants are encouraged to utilize a cost allocation process to remove ineligible functionality whenever feasible. For further information, see <a href="#">Cost Allocation Guidelines for Products and Services</a>.</p>



<p><b>Cost Allocation</b></p>	<p>Products and services available in the commercial marketplace may contain both eligible and ineligible components. However, E-rate discounts can be provided only for products and services that are eligible under program rules. Cost Allocation is a process whereby an applicant provides a fair delineation of the eligible and ineligible components of a product or service, so that partial funding can be provided.</p> <p>In general, funding requests that include only a single price for components that contain both eligible and ineligible functionality will be deemed fully ineligible. See the web document "<a href="#">Cost Allocation Guidelines for Products and Services.</a>"</p>
<p><b>Cost Allocation for File Servers</b></p>	<p>File servers and other components can be used simultaneously for multiple purposes, some of which are eligible and some not eligible. Cost allocation is required to remove any ineligible functionality from funding requests. However, the exact usage of a file server or other product with multiple uses may be difficult to determine before the product is installed and utilized. A simplified method of cost allocation is available to accommodate this situation. It is based on a simple averaging process of the different functions of the product that is described more fully in the web document "<a href="#">Cost Allocation Guidelines for File Servers and Other Components</a>" in the SLD Reference Area of the USAC web site.</p>
<p><b>Digital Transmission Services</b></p>	<p>Leased data circuits for voice, video, and/or data that connect an eligible school or library facility to other locations beyond the school or library, including an Internet Service Provider, are eligible for discount.</p> <p>Technologies employed may include, but are not limited to: Asynchronous Transfer Mode (ATM), Digital Subscriber Line (DSL, ADSL, SDSL, HDSL, IDSL, VDSL), DS-1, DS-2, DS-3, Frame Relay, Integrated Services Digital Network (ISDN, BRI, PRI), OC-1, OC-3, OC-12, OC-N, Satellite, Switched Multimegabit Data Service (SMDS), T-1, T-2, T-3, Fractional T-1, and Wireless.</p> <p>Data circuits that provide voice, video, or data connectivity exclusively within school or library grounds are not eligible for funding as a Telecommunications Service, but may be eligible as Internal Connections.</p>
<p><b>Eligible Users and Locations</b></p>	<p>Eligible users and locations are those that are involved with activities that are integral, immediate, and proximate to the education of students or the provision</p>

	<p>of library services to patrons. The presumption is that activities on school or library property meet this standard. Some offsite telecommunications activities may also meet this standard, such as a school bus driver using a cell phone, connectivity to a mobile library van, and paging service for teachers on field trips.</p> <p>The term "school or library property" includes a District Office of similar facility, but does not include businesses or organizations separate from a school or library organization. For example, the facilities of a business that has contracted with a school to provide bus service do not constitute a location eligible for E-rate support.</p> <p>Employees of a school or library with a normal duty station at an eligible location are eligible users. Employees of a non-school or non-library activity, even if located on school or library property, such as a state government office with responsibilities other than education or library services (e.g., a division of motor vehicles), are not eligible users.</p>	
<p><b>Functional Categories for Internal Connections</b></p>	<p>Cabling/ Connectors</p>	<p>Cabling and connectors for the distribution of voice, video, and data within eligible locations are, in general, eligible.</p>
	<p>Circuit Cards/ Components</p>	<p>Circuit cards and other components that work in or with an eligible component, and provide an eligible function, are in turn eligible.</p>
	<p>Computers</p>	<p>Computers used as file servers or similar centralized functions can be eligible if the use is necessary to transport information all the way to individual classrooms or public areas of a library. However, end-user workstations are not eligible.</p>
	<p>Data Distribution</p>	<p>Components used to distribute information from telecommunications or Internet Access facilities, all the way to individual classrooms or public areas of a library, are eligible.</p>
	<p>Data Protection</p>	<p>Some types of data protection components are used to ensure continued operation of eligible equipment, and can be eligible.</p>
	<p>End-User</p>	<p>End-user equipment is not eligible.</p>
	<p>Intercom and Voice Paging</p>	<p>Intercom and voice paging equipment does not facilitate transport of telecommunications or Internet Access information, and is not eligible.</p>

	Interfaces, Gateways, Antennas	Interfaces, gateways, and antennas that are used as Internal Connections to transport telecommunications or Internet Access information all the way to individual classrooms or public areas of a library are eligible.
	Miscellaneous	See individual entries for eligibility information.
	None	No category is indicated-- see the individual descriptions for eligibility information.
	Software	Operating system software that is required for operation of an eligible component, and e-mail software, is eligible. End-user software is not eligible.
	Storage Devices	Devices used to store eligible software and files are eligible for discount, but devices used to store ineligible software and files are not eligible.
	Technical Services	The assistance of contractor personnel, when tied directly to the provision of an eligible product or service, can be eligible. See the individual entries for qualifying information. See also the entry for Technical Services in the Miscellaneous section of this document.
	Telephony	Centralized telephony components that are an essential element in the transport of information within eligible locations are eligible. End-user components are not eligible.
	Video	Centralized video components that are an essential element in the transport of information within eligible locations are eligible. End-user components are not eligible.
<p><b>Internet Access with Ineligible Features</b></p>	<p>Some Internet Access services may include features that are not themselves eligible, such as specialized content, caching services, and/or filtering services. In general, funding requests that provide only a single price for a product or service that contains both eligible and ineligible functionality are fully ineligible. However, cost allocation may be used to provide separated pricing for the eligible and ineligible components.</p> <p>In addition, in certain limited cases, an eligible product or service can include ineligible components on an ancillary basis. See the Special Eligibility Condition for Ancillary Use for additional information about the conditions and limitations of the Ancillary Use approach.</p>	

<p><b>Lease of Wide Area Network Infrastructure</b></p>	<p>Facilities that provide a Wide Area Network may only be leased by applicants--not purchased. Limitations apply to the reimbursements that are available for initial implementation costs (leased equipment and its installation) of service provider infrastructure. The <a href="#">Wide Area Network Fact Sheet</a> has full details about exclusive access limitations, amortization requirements, and other eligibility conditions for lease of Wide Area Network functionality.</p>
<p><b>Network File Servers</b></p>	<p>A file server is a shared computer on a local area network, and can be eligible or ineligible for discounts, depending on how it is used. Eligible servers are used to provide functionality for Dynamic Host Configuration Protocol (DHCP), Domain Name Services (DNS), E-mail, Firewall/Proxy Server, or Terminal Services. Ineligible uses include Application Server (e.g., providing application software to end users), Database Server, Data Warehouse Server (including storage of non-e-mail end user files), and Archive Server.</p> <p>In addition, the following uses are not eligible: Caching Server and Print Server. In the case of these latter two functions, however, an eligible server may provide these features coincidentally if the principal functionality of the server is for other eligible purposes, and the ineligible features are included as an intrinsic part of the core network operating system.</p> <p>A computer that is used by an end-user, even if the computer is configured to provide server functionality, is not eligible for discount.</p>
<p><b>Software</b></p>	<p>Eligible software consists only of operating system software for shared systems and multi-user e-mail or voice mail software. For example, software for a network operating system and a router operating system are eligible. Other types of software, such as all end-user software, are not eligible.</p> <p>Ineligible software includes application software, developmental software, network management software, operating system software for end-user computers, security software, and utility software.</p> <p>The e-mail portion of groupware software is eligible, and cost allocation may be used for discounts on the eligible portion.</p> <p>Ineligible functionality may be included with network operating system software, if such functionality is a standard component part. For example, although a separate</p>

	<p>component for providing a print server functionality is not eligible, such functionality may be provided as a standard component part of a network operating system.</p> <p>A computer operated by an end-user, that is also set up as a network server, is considered an ineligible end-user computer.</p>
<p><b>Storage</b></p>	<p>Data storage products are not eligible if used to store the following information: end-user files other than e-mail files, application software, other ineligible software, archival information, and caching files.</p> <p>However, unless excluded in the above list, storage products may be used for network operating system files (when the associated file server is used for an eligible purpose), Domain Name Service (DNS) files, Dynamic Host Configuration Protocol (DHCP) files, Web server software and files (when used for providing information available on the worldwide Internet), and E-mail software and files.</p> <p>Storage devices on end-users computers are not eligible. Devices used to supplement storage requirements of personal computers on a network are not eligible.</p>
<p><b>Technical Services</b></p>	<p>Some types of technical services, and their limitations for eligibility, are as follows.</p> <p><b>DESIGN AND ENGINEERING</b>—Basic design and engineering costs necessary for installation and initial configuration are eligible only if they are coincident (i.e., occur at the same time) with the installation of eligible equipment and services and if part of a contract or bid for those eligible products or services.</p> <p><b>INSTALLATION</b>—Services tied directly to installation and initial configuration are eligible; services for planning, architecture design, and other activities not tied directly to actual installation and initial configuration are not eligible.</p> <p><b>MAINTENANCE AND TECHNICAL SUPPORT</b>— For telecommunications and Internet Access services, maintenance and technical support appropriate to maintain reliable operation of these services is eligible for discount when provided as a component of the telecommunications or Internet Access service. For maintenance and technical support of Internal Connections, please see the section of this document entitled “Basic Maintenance of Internal Connections.”</p> <p><b>PROJECT MANAGEMENT</b>—Basic costs associated with the</p>

	<p>management of the installation and initial operation of eligible products and services are eligible only if they are part of a contract or bid for those eligible products and services. Project management costs that involve initial planning are not eligible.</p> <p>TRAINING—On-site training is eligible only if it is basic instruction on the use of eligible equipment, coincident with and directly associated with the installation of such equipment, and a part of the contract or agreement for the equipment. End-user training, such as training of teachers and staff in the use of covered services in their programs of instruction or for professional development, is not eligible for discount.</p> <p>CONSULTING SERVICES—Services that provide general consulting not directly tied to basic installation and configuration of eligible services are not eligible. Such ineligible services, include, but are not limited to, initial planning, network architecture design, development of technology plans, application assistance, and program advice.</p> <p>PERSONNEL COSTS—Labor costs for school and library personnel are not eligible for discount. Costs for contractor personnel to operate components are not eligible.</p>
<p><b>Telephone Service and Technology Plans</b></p>	<p>If submitting a Form 471 application ONLY for single line voice services (Local, Cellular/PCS, and/or long distance telephone service), applicants are not required to develop a Technology Plan. Applicants applying for other products or services, including PBX, key system, Centrex system, or similar technology are required to develop a Technology Plan.</p>
<p><b>Video Components</b></p>	<p>Video components necessary to transport information all the way to individual classrooms or public areas of a library are eligible. Examples of such components can include an Enhanced Multimedia Interface, Master Control Unit, MPEG video encoder, Multipoint Control Unit, video amplifier, and video channel modulator.</p> <p>End-user video equipment is not eligible for discount. Examples include media retrieval equipment, video monitors, televisions, video cameras, and video recorders and playback devices.</p> <p>Equipment that is used to control the programming, distribution, and selection of video content can be eligible if used in the transport of information to individual classrooms or public areas of a library, however such components are</p>

	<p>not eligible if used in end-user equipment and/or are operated by end-users.</p> <p>Components used for the display or distribution of broadcast and cable television signals are not eligible.</p>
<p><b>WAN Versus LAN Components</b></p>	<p>For data and other networks, the distinction between Wide Area Network (WAN) functionality and Local Area Network (LAN) functionality can be essential for selecting the proper Category of Service for funding requests— Telecommunications Services, Internet Access, or Internal Connections. FCC rules establish a rebuttable presumption that a connection does not constitute an Internal Connection if it crosses a public right of way. That is, the Local Area Network is considered to be the part of the network on school or library property, and hence is considered under the eligibility requirements for Internal Connections. The Wide Area Network constitutes the connection that runs from a demarcation point at the school or library property to a point outside of the school or library property (i.e. across a public right of way) and is not funded as Internal Connections.</p> <p>In order to determine what may be properly funded as Internal Connections, a demarcation point between a Wide Area Network service and the Local Area Network components must be established. This approach is described more fully in the web document <a href="#">On-premise Priority 1 Equipment located in the SLD Reference Area of the USAC web site.</a></p>