

STATE OF CALIFORNIA
STANDARD AGREEMENT AMENDMENT
 STD. 213 A (Rev 6/03)

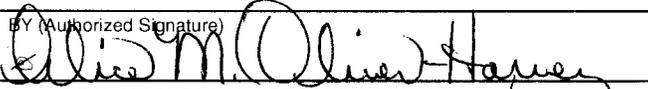
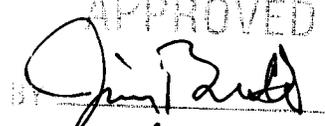
CHECK HERE IF ADDITIONAL PAGES ARE ATTACHED 5 Pages

AGREEMENT NUMBER	AMENDMENT NUMBER
5-06-58-20 (DTS 06E1390)	6
REGISTRATION NUMBER	
195507083255598	

- This Agreement is entered into between the State Agency and Contractor named below:
STATE AGENCY'S NAME
Department of Technology Services
CONTRACTOR'S NAME
SBC Global Services, Inc. dba AT&T Global Services
- The term of this Agreement is 1/30/2007 through 1/29/2012
- The maximum amount of this agreement after this amendment is: N/A
- The parties mutually agree to this amendment as follows. All actions noted below are by this reference made a part of the Agreement and incorporated herein:
 - Replace the following pages:
 - Attachment 3 Section 6.1.3.8 Hosted Digital Subscriber Line (DSL) (1-3) with amended section (1-4).
 - Attachment 4 Section 6.1.3.8 Hosted Digital Subscriber Line (DSL) (1) with amended section (1).

This Agreement is effective upon the start date, or DGS approval, whichever is later.
 All other terms and conditions of the original agreement shall remain the same.

IN WITNESS WHEREOF, this Agreement has been executed by the parties hereto.

CONTRACTOR		CALIFORNIA Department of General Services Use Only GENERAL SERVICES LEGAL SERVICES
CONTRACTOR'S NAME (If other than an individual, state whether a corporation, partnership, etc.)		
SBC Global Services, Inc. dba AT&T Global Services		
<small>BY (Authorized Signature)</small>  <small>DATE SIGNED (Do not type)</small> <u>1/5/09</u>		
PRINTED NAME AND TITLE OF PERSON SIGNING		DEPARTMENT OF GENERAL SERVICES PROCUREMENT DIVISION APPROVED  <small>DATE</small> <u>2/11/09</u>
ADDRESS		
2600 Camino Ramon, Room 25400L San Ramon, CA 94583		
AGENCY NAME		
Department of Technology Services		<input type="checkbox"/> Exempt per:
<small>BY (Authorized Signature)</small>  <small>DATE SIGNED (Do not type)</small> <u>1/13/09</u>		
PRINTED NAME AND TITLE OF PERSON SIGNING		
M. Driver, Chief, Administrative Services Branch		
ADDRESS		
P.O. Box 1810, MS 304, Rancho Cordova, CA 95741-1810		

6.1.3.8 Service Identifier: Hosted Digital Subscriber Line (DSL)

Description of Service

With AT&T xDSL Access to Frame Relay Service, there is an “always-on” dedicated connection to the AT&T Frame Relay network that is capable of handling high-bandwidth files like Email, data transfers, and access to corporate WANs and intranets. AT&T’s xDSL Access to Frame Relay Service is an alternative to data applications over ISDN, and an ideal solution for small office / home office (SOHO) locations with remote workers needing to connect to the corporate network.

AT&T xDSL Access to Frame Relay is available to interconnect to AT&T High Speed Packet Service (HSPS) Ports in the Contiguous United States. This service will support interconnection to legacy (i.e., non-xDSL) Frame Relay ports, IMA ports and ATM ports.

A DSL Access Port can be connected to a FRS/ATM Interworking Service Port or ATM Port by a single symmetrical, full duplex Domestic FRS/ATM Interworking PVC characterized by its Committed Information Rate ("CIR") up to 50% of the DSL Port speed.

DSL meets ANSI T1.413 Standards.

DSL has a wide range of speed options that, when coupled with the other frame relay and ATM access options, allows State network designers to optimize cost-performance tradeoffs.

The Symmetrical DSL options include:

- Symmetric DSL (SDSL)—Provides the same transmission rate in each direction. SDSL can send traffic both downstream and upstream at rates from 128 Kbps to 1.5 Mbps. The maximum working distance for SDSL from the central office (CO) is 15,000 feet.
- ISDN DSL (ISDL)—Provides the farthest reach of the xDSL flavors, but at reduced speeds. A symmetric transmission, ISDL sends both downstream and upstream traffic at a rate of 128 Kbps. ISDL can work up to 18,000 feet from the CO.

With AT&T xDSL Access to Frame Relay Service (DSLafR), you have a dedicated “always-on” connection to the AT&T high-speed packet network, which creates the capability of handling Intranet, extranet, email, or file transfer applications.

AT&T DSL Access to Frame Relay Service provides access to AT&T Frame Relay Service and to AT&T ATM Service and includes a DSL Data Serving Unit (DSU) (available on a limited basis only) or a DSL Router (collectively, “DSL Modems”) and the associated maintenance and break-fix management. The DSL DSU provides the V.35 or RS-449 interface for the CUSTOMER's Data Terminal Equipment (DTE). The DSL Router provides the Ethernet or RJ-45 interface for the CUSTOMER's Data Terminal Equipment (DTE). The demarcation for this interface is at the DTE side of the DSL Modem.

AT&T will provide, configure, and install the xDSL Modem at Customer's premises. The xDSL router configuration will be limited to configuring the default gateway, WAN IP addresses and far-end WAN IP address, as well as the LAN IP address and LAN IP address mask. Although the xDSL routers support RIP1, RIP2, and static routing protocols, and DHCP, the default settings will include RIP1-2 and DHCP off. Any changes to these settings are considered lifecycle IP management, which is the responsibility of the customer. IP is the only layer 3 protocol that is support upon test and turn up of DSL Access to Frame Relay. Customers that wish to implement IPX routing can do so on IDSL loops only post install. IPX routing does not currently work in SDSL loops. All Installation services will be provided during normal business hours (Monday – Friday: 8:00 a.m. - 5:00 p.m.).

The following set of guidelines are designed to enable AT&T xDSL Access to Frame Relay customers to configure their host and xDSL routers properly to operate with AT&T's service.

Customers may provide DLCIs and/or VPI/VCIs for each PVC endpoint as "global addresses" at the time of ordering. Note that if DLCIs or VPI/VCIs are not supplied, then AT&T, as in the case of conventional Frame Relay or FR/ATM SIW, will supply them. The following stipulations apply:

- 1) The xDSL end is considered to be Frame Relay for addressing purposes and should be given a DLCI as a global address.
 - 2) The host end should be given a DLCI as a global address if it is Frame Relay port, or a VPI/VCI if it is an ATM port (either IMA or DS3 UNI).
 - 3) Both the DLCIs and VCI values must be less than 999.
 - 4) On xDSL endpoints that are replacing existing Frame Relay endpoints, the DLCIs for the xDSL endpoints must be different from the existing Frame Relay DLCIs, i.e., existing DLCIs can be re-used once service is installed. This is handled by a disconnect of existing PVC and an add of a new PVC.
- a. In host routers at legacy (i.e., non-xDSL) endpoints, if the legacy port is Frame Relay, the Frame Relay encapsulation must be set to IETF.
 - b. In remote routers connected to DSL DSUs via V.35 ports
 - 1) LMI port protocol must be set to Annex D (ANSI T1. 617)
 - 2) The Frame Relay encapsulation must be set to IETF
 - c. In Netopia xDSL routers (i.e., Netopia R7200 or R3100), the number of IP subnets that can be defined for the Ethernet LAN is restricted to a maximum of eight.
 - d. ARP and inverse ARP commands are not available through xDSL Access to Frame Relay ports. For a successful turn-up, the IP static route must be configured in the host router. IDSL routers have the equivalent interface as a typical ISDN piece of CPE.

DSL Service and Features

Feature Name	Identifier	Feature Description
Symmetrical DSL	RD384	Symmetrical DSL with 384 Kbps upstream and

Feature Name	Identifier	Feature Description
with 384 Kbps upstream and downstream		downstream. For a remote LAN application, the PVC charge is part of the ATM service billed to the Agency.
Symmetrical DSL with 1.5 Mbps upstream and downstream	RD15	Symmetrical DSL with 1.5 Mbps upstream and downstream will provide the State with the requested speed. For a remote LAN application, the PVC charge is part of the ATM service billed to the Agency.
Expedite	RDEXP	Interval and criteria ICB.
Symmetrical DSL at 128 Kbps	RD128	Symmetrical DSL with 128 Kbps upstream and downstream. For a remote LAN application, the PVC charge is part of the ATM service billed to the Agency.
Symmetrical DSL at 256 Kbps	RD256	Symmetrical DSL with 256 Kbps upstream and downstream. For a remote LAN application, the PVC charge is part of the ATM service billed to the Agency.
Symmetrical DSL at 1000 Kbps	RD1000	Symmetrical DSL with 256 Kbps upstream and downstream. For a remote LAN application, the PVC charge is part of the ATM service billed to the Agency.

ASYMMETRICAL DIGITAL SUBSCRIBER LINE (ADSL) SERVICE

ADSL is a modem technology that adds high-speed data capability to traditional local exchange service. This is accomplished by placing an ADSL modem at each end of the local exchange Customer's local loop. Typically, one modem or Digital Subscriber Line Access Multiplexor (DSLAM) is located in the local exchange Customer's serving wire center and the other is located at the Customer's premises. The ADSL modem located at the local exchange Customer's location is provided by the Customer and must be compatible with the DSLAM located in the central office. The combined ADSL modems create three information channels. One channel is used for traditional voice-grade, circuit-switched applications while the other two channels are used for high-speed data communications. The data channels derived from the central office modem or DSLAM are connected to the Utility's fast packet network as part of ADSL service. Once connected to the fast packet network, the ADSL end user can establish permanent virtual connections to a data service provider of their choosing (e.g. Corporate Local Area Network (LAN)) for intrastate applications.

ADSL Service has three service options:

- Option I (384 Kbps downstream by 128 Kbps upstream)
- Option II (384 Kbps downstream by 384 Kbps upstream)
- Option III (1.544 Mbps downstream by 384 Kbps Upstream)

Downstream refers to the speed in which data is transferred to the end user from another network while upstream refers to the speed in which data is transferred from the end-user to another network.

The End-User will be connected to ADSL Service at the same Network Interface Device employed by AT&T for applicable voice services which are limited to 1MR, 1FR, 1MS, 1MB, and 1ML service.

ADSL Service provides connectivity from the End-User's local exchange service to a host computer.

Availability:

ADSL Service will be furnished only in areas where central offices are equipped to provide this service and where facilities and operating conditions permit.

ADSL Service Features:

Feature Name	Identifier	Feature Description	Feature Limits or Compatibility Restrictions
ADSL Class of Service	FDSL+, 1MBLS, 1MLLS, 1MSLS	Business Class of Service.	To utilize DSL service an ATM PVC must be established.
Option I	AD41X	Provides 384 Kbps downstream and 128K upstream.	
Option II	AD44X	Provides 384 Kbps downstream and 384 Kbps upstream.	
Option III	AD45X	Provides 1.544 Mbps downstream and 384 Kbps upstream.	

Service Level Agreements (SLA):

ADSL/RLAN will follow the Service Level Agreements for Agency Hosted Digital Subscriber Line (DSL) as found in CALNET 2, (SLAs 6.1.11.2).

6.1.3.8 Service Identifier: Hosted Digital Subscriber Line (DSL)

Feature Name	Identifier	Non-Recurring Charge	Recurring Charge	Unit of measure	Change Charge
Symmetrical DSL with 384 Kbps upstream and downstream	RD384	\$ -	\$ 216.00	per circuit	N/A
Symmetrical DSL with 1.5 Mbps upstream and downstream	RD15	\$ -	\$ 310.75	per circuit	N/A
DSL Expedite option	RDEXP	\$ 400.00	N/A	occurrence	N/A
Symmetrical at 128 Kbps	RD128	\$ -	\$ 165.00	circuit	\$ -
Symmetrical at 256 Kbps	RD256	\$ -	\$ 198.00	circuit	\$ -
Symmetrical at 1000 Kbps	RD1000	\$ -	\$ 268.40	circuit	\$ -

ADSL Service Features:

Feature Name	Identifier	Non-Recurring Charge	Recurring Charge	Unit of measure	Change Charge
ADSL Class of Service	FDSL+, 1MBLS, 1MLS, 1MSLS	No Charge	No Charge	N/A	No Charge
Option I - 384 Kbps downstream and 128K upstream.	AD41X	No Charge	\$36.00	circuit	\$30.00
Option II - 384 Kbps downstream and 384 Kbps upstream.	AD44X	No Charge	\$37.00	circuit	\$30.00
Option III - 1.544 Mbps downstream and 384 Kbps upstream.	AD45X	No Charge	\$115.00	circuit	\$30.00