

**ADUF  
Snapshot  
Information**

The AT&T Access Daily Usage File (ADUF) is a service offered to CLECs. It provides electronic billing data for messages that are captured by the AT&T billing systems.

ADUF provides the CLEC/OCN with daily information of end users' originating and terminating access Carrier messages. ADUF access messages include, but are not limited to the following types of calls:

- Originating and Terminating Carrier Messages
- Terminating to UNE from ICO messages
- Terminating to UNE from Facility Based CLEC messages
- Terminating to UNE from Wireless messages
- AT&T Carried IntraLATA Toll from AT&T end-user terminating to UNE

ADUF data is billable access detail messages in industry standard Exchange Message Interface (Category 11 EMI) format. Alliance maintains EMI formats for Telecommunications Industry Solutions (ATIS). An ordering form for the EMI documentation is available on the ATIS Web site at:

<http://www.atis.org/docstore>

The Access Daily Usage Files will be distributed to CLECs over the agreed upon feed:

- CONNECT:Direct™ - LAN-to-LAN
- CONNECT:Direct™ - Dial-up
- Secure FTP Mailbox

ADUF data will be in fixed block. The data on ADUF will be in a non-compacted EMI format of 210 bytes. Data will be created on a daily basis Monday through Friday except holidays (New Year's Day, Memorial Day, July 4, Labor Day, Thanksgiving, and Christmas).

**Features and  
Benefits**

ADUF allows a CLEC/OCN to view how end users are originating and terminating carrier messages. This information enables a CLEC/OCN to charge carriers for access messages as appropriate.

A CLEC/OCN can also use this call data for valuable marketing analysis (in accordance with federal law). Studying its customer call volumes and patterns can help the CLEC/OCN better design services that fit its customers' needs.

ADUF provides the opportunity to review large volumes of usage data associated with a particular end user and carrier.

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**Service Design**

ADUF is designed to provide access message data on the following types of call detail:

Provider Type	Types of Call Detail
Unbundled Network Elements/Port-Loop Combo	<ul style="list-style-type: none"> <li>• Originating Carrier Access Messages recorded by AT&amp;T associated with Unbundled Switch Ports. (EMI 11-01-01)</li> <li>• Terminating Access Messages recorded by AT&amp;T associated with Unbundled Switch Ports. (EMI 11-01-01) including                             <ul style="list-style-type: none"> <li>• IXC</li> <li>• ICO</li> <li>• Facility Based CLEC</li> <li>• Wireless</li> <li>• AT&amp;T carried IntraLATA Toll from AT&amp;T enduser</li> </ul> </li> <li>• 800 Access Messages. (EMI 11-01-25)</li> <li>• 900 Access Messages. (EMI 11-01-16)</li> <li>• Directory Assistance Messages (EMI 11-01-32)</li> <li>• Originating calls to International numbers (EMI 11-02-01)</li> </ul>

A list of UNE Call Flows is located at:

[http://www.wholesale.att.com/reference\\_library/guides/html/clec\\_ar.html](http://www.wholesale.att.com/reference_library/guides/html/clec_ar.html)

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**Packaging Standards**

ADUF uses industry standard packaging concepts to transmit records from AT&T to a CLEC. ADUF creates a separate 20-20-09 header and 20-20-10 trailer records to package the messages that are transmitted for each AT&T from Revenue Accounting Office (RAO).

The following table presents the different AT&T sites and the AT&T from RAO codes:

Site	AT&T from RAO Code
Alabama	054
Kentucky	048
Louisiana	046
Mississippi	059
Tennessee	047
Atlanta, GA	035
Macon, GA	063
Jacksonville, FL	056
Ft. Lauderdale, FL	180
Miami, FL	044
North Carolina	036
South Carolina	189

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**EMI Records  
on ADUF**

AT&T creates EMI records following the standard defined by ATIS. A record ID is formed by 8 characters (numeric and/or alphabetic) in this format: XX-XX-XX. In accordance with this format, AT&T uses the following categories:

- Access messages: 11-XX-XX
- Cancel Records: 50-01-XX

**Reguided  
(Killer/Cancel)  
EMI Records on  
ADUF**

The message reguiding process is defined as: AT&T sends a message to a CLEC to bill the carrier via the ADUF files. It is possible that, at the same time the DUF file is being transmitted to the CLEC, a service order has been issued by another CLEC changing the service provider of the end user. Since the service provider of the end user has changed and the new service provider should bill the message, AT&T creates a Cancel/Killer record that tells the former account owner not to bill the message. At the same time the killer record is being sent to stop the billing of the message to the former message owner, a copy of the original message is sent to the new service provider and message owner

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**EMI ID on ADUF**

The subsequent table list the EMI ID assigned to each call type in the ADUF record:

Call Type	EMI – ID	Notes
Carrier Access Usage North American Originated and Terminated Usage	11-01-01	Originating records will have position 40 populated with “1”. Applicable Cancel Record is 50-01-01
Carrier Access Usage North American Originated and Terminated Usage	11-01-01	Terminating records will have position 40 populated with “2”. Applicable Cancel Record is 50-01-01
Carrier Access Usage North American Terminated Usage	11-01-16	Terminating records to 900 Services. Applicable Cancel Record is 50-01-16
Carrier Access Usage 800 Database Service	11-01-25	This record is used to report Access Minutes of use for 800 Database Service completed by EC (Exchange Carrier). Applicable Cancel Record is 50-01-25  Dialed number (800 Number) is in positions 30-39
Carrier Access Usage North American Originated and Terminated Usage Directory Assistance	11-01-32	This record is used to report Access Minutes of use for Directory Assistance Service
Carrier Access Usage North American and Originated and Overseas Terminated	11-02-01	This record is used to report access minutes of use for calls terminating to International numbers
Cancel Record	50-XX-XX	This record is used when a record previously sent should be cancelled and not billed
Header Record	20-24-09	ADUF header record for data information
Trailer Record	20-24-10	ADUF trailer record for data information

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**Transmission  
Schedule**

ADUF data is created on a daily basis and transmitted Monday through Friday except holidays (New Year's Day, Memorial Day, July 4, Labor Day, Thanksgiving, and Christmas). Files are generally available by 11:00 PM CST.

The message processing is performed through the following process:

- Messages are recorded in AT&T switches.
- The switches are then polled using a collection system called Electronic Toll Collection System (ETCS). The switch data is then transmitted to the processing sites. The processing sites generally receive the message on the first business day after it is recorded.
- ADUF files are created at each processing site and are sent to a central RAO to be consolidated. They are then distributed to the CLEC/OCN, generally on the third business day after the message is recorded.

**Delivery Options**

The Access Daily Usage Files will be distributed to CLECs over the following agreed upon feed:

- CONNECT:Direct™ - LAN-to-LAN
- CONNECT:Direct™ - Dial-up
- Secure FTP Mailbox

**Magnetic tape is not available.**

For more information on utilizing CONNECT:Direct™ please refer to the CONNECT:Direct™ detail section in this chapter.

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### Service Order Usage Timeline

Even though ADUF is transmitted to the CLEC/OCN every business day, there will be a delay between the completion of new orders and the first ADUF file containing data for the new line port. The table below explains the time interval from the order placement by the CLEC/OCN to the transmission of the first ADUF file. This assumes that all Local Service Requests (LSR) are received error-free and that there are no unusual problems. The following table depicts the best possible scenario:

Process/Action	Business Day	Time (CST)
Order issued by CLEC	1	-
CLEC notified (firm order confirmation)	1	-
Orders posted in CRIS	1	After 6 p.m.
Guide table updated	2	Before 6 a.m.
First usage guide updated	3	1 a.m.
ADUF receives first usage	3	10 a.m..
First usage transmitted to CLEC	3	11 p.m.

AT&T processes usage on a daily basis based on the account information on that particular day. Service order errors or other processing issues may delay the updating of the account during the time that the errors are being corrected. Usage that has already been processed before the account information is updated with the CLEC account information may not be sent to the CLEC on ADUF, AT&T will attempt to send usage on ADUF based on pending service order information depending on the status of the pending UNE order activity for that particular day.

**Note:** ADUF is OCN-sensitive, which means that if a CLEC has multiple OCNs, multiple transmissions can be sent each processing day (one ADUF file per OCN).

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**Controls and Assurance**

The ADUF data files are retained for 90 days in the EMI format.

Internal programs are set up to ensure that all ADUF records coming into AT&T's database are balanced with all ADUF records going out to the CLEC/OCN. These continual checks and balances ensure that duplicate files will not be sent to the CLEC/OCN and that the proper ADUF records are sent to the correct CLEC/OCN.

A CLEC/OCN can also monitor missing ADUF files by reviewing the invoice numbers in the header records that are included in the sent ADUF files.

The invoice number is placed in position 13-14 of the ADUF header record and is populated with a value of 01-99. This number increases sequentially each day that a file is produced for each particular AT&T FROM RAO. The invoice number will not increase sequentially for days the ADUF files are not produced.

An example of this process is as follows:

- On 6-1-2000, for RAO 035, ADUF sends INVOICE number 01.
- On 6-2-2000, for RAO 035, ADUF sends INVOICE number 02.
- On 6-3-2000, for RAO 035, ADUF sends INVOICE number 03.
- On 6-4-2000, there are no messages for RAO 035, and therefore NO ADUF file is produced for that day.
- On 6-5-2000 for RAO 035, ADUF sends INVOICE number 04.

The above criterion ensures that all messages are received and that there are no missing files. In the event that the CLEC detects that there are missing files, the AT&T ADUF SME should be notified so that missing data can be retransmitted (refer to the sections ADUF Contact Information and File Transmission Assistance).

**Note:** For days when no files are transmitted, ADUF will NOT transmit an empty file. Nothing will be sent for that day. When messages resume, the invoice numbers will resume using the next available invoice number for the AT&T RAO code.

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**Availability and Pricing**

ADUF is available on a contract basis.

Pricing is structured on the element types of charges:

Type of Charge	Description
Message Recording Charge (per data message)	<ul style="list-style-type: none"> <li>• Not Applicable</li> </ul>
Message Processing Charge (per data message)	<ul style="list-style-type: none"> <li>• Originating Access</li> <li>• Terminating Access</li> <li>• 800 Access</li> <li>• 900 Access</li> <li>• Directory Assistance Access</li> <li>• International Access</li> </ul>
Message Distribution Charge (per data message)	<ul style="list-style-type: none"> <li>• CONNECT:Direct™: LAN-to-LAN or Dial-up and Secure FTP Mailbox</li> </ul>

Refer to the section **EMI Records on ADUF** for a complete listing of data messages. The AT&T Local Contract Manager can supply specific information on ADUF rates or refer to the Interconnection Agreement.

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**ADUF Set-up and Testing**

The ADUF set-up and testing procedures vary according to the delivery option:

- CONNECT:Direct™ – LAN-to-LAN, and
- CONNECT:Direct™ – Dial-up
- Secure FTP Mailbox

The following table describes the initial steps the CLEC must follow to request the delivery of ADUF files. These three tasks will take place regardless of the delivery option chosen by the CLEC:

Task	Action
1	The CLEC contacts its AT&T ADUF SME and requests information on ADUF, or completes the attached ADUF Test File Request Form (Attachment C at the end of this section) and returns it to the AT&T ADUF SME.
2	An initial conference call takes place with the participation of the CLEC <u>and</u> the AT&T ADUF SME. During this call the transmission schedules and delivery options for ADUF are discussed. The CLEC's questions are addressed and answered.
3	The CLEC decides what delivery option is desired (CONNECT:Direct™ LAN-to-LAN ,Dial-up or <u>Secure FTP Mailbox</u> ). If the CLEC chooses: a) CONNECT:Direct™ – LAN-to-LAN, please refer to the “ADUF CONNECT:Direct™ LAN-to-LAN Option” section of this document for information on testing procedures b) CONNECT:Direct™ – Dial-up, please refer to the “ADUF CONNECT:Direct™ – Dial-up Option” section of this document for information on testing procedures c) Secure FTP Mailbox, please contact the ADUF SME for information on this delivery option.

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**ADUF  
CONNECT:Direct™  
LAN-to-LAN  
Option**

If the CLEC chooses CONNECT:Direct™ LAN-to-LAN as the delivery option for ADUF files, two testing processes must take place:

- 1) The connectivity for CONNECT:Direct™ LAN-to-LAN must be tested to verify that the CLEC can receive data files sent from AT&T .
- 2) The ADUF application must be tested.

This section describes both testing procedures. For more information on CONNECT:Direct™, please refer to the CONNECT:Direct™ detail section in this chapter.

- 1) CONNECT:Direct™ LAN-to-LAN Connectivity Testing

Several steps must be completed BEFORE the connectivity testing process can begin. The CLEC must have performed the necessary steps to establish communication pathway on its end and must:

- Have the CONNECT:Direct™ software installed
- Have LAN-to-LAN connectivity established between CLEC and AT&T

**Note:** AT&T strongly recommends that the CLEC purchase Sterling Commerce, Inc.'s Maintenance Agreement for Vendor Assistance.

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**ADUF  
CONNECT:Direct™  
LAN-to-LAN  
Option  
(Continued)**

The following table describes the CONNECT:Direct™ LAN-to-LAN connectivity testing process:

<b>Task</b>	<b>Action</b>
1	The CLEC contacts the AT&T Account Team Member to request information on the CONNECT:Direct™ LAN-to-LAN delivery option.
2	The CLEC completes the CONNECT:Direct™ Connectivity Questionnaire (Attachment E at the end of this section) and sends it to the AT&T ADUF SME. This will provide AT&T with basic information to set up the connectivity test.
3	An initial conference call between AT&T and the CLEC's technical personnel are scheduled at a time and date mutually agreed upon.
4	During the initial conference call all the technical details and requirements will be discussed. AT&T and the CLEC will agree on the connectivity testing start date and schedule a conference call to perform this testing.
5	AT&T sends the CLEC a written summary of the technical details and requirements discussed during the initial conference call.
6	The connectivity test will take place during a conference call between AT&T and the CLEC's technical personnel. This test is performed to verify that the CLEC can receive ADUF test data files sent by AT&T via CONNECT:Direct™. During the test, AT&T will verify with the CLEC that the test file received is identical in size and format to the file sent.
7	Once the connectivity test is successfully completed, the CLEC will receive written notification from AT&T via e-mail confirming the success of the test.
8	Once the connectivity process is complete, the application testing (described in the following sub-section) can begin.

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**ADUF  
CONNECT:Direct™  
LAN-to-LAN  
Option  
(Continued)**

2) ADUF CONNECT:Direct™ Application Testing

Once the CONNECT:Direct™ connectivity has been successfully tested, the ADUF application testing can begin. The following table describes the application testing process:

<b>Task</b>	<b>Action</b>
1	An optional ADUF test file is made available to the CLEC. This file allows the CLEC to check its internal software.
2	AT&T delivers an ADUF CONNECT:Direct™ test file to the CLEC.
3	The ADUF CONNECT:Direct™ test file is processed by the CLEC on its site.
4	Any ADUF data content issues that may arise are addressed by submitting the CLEC Problem/Issue/File Retransmission Form (Attachment A at the end of this section) or by contacting the AT&T ADUF SME.
5	<ul style="list-style-type: none"> <li>• If the CLEC is satisfied with ADUF, it must send a live production request letter to the AT&amp;T ADUF SME stating that the CLEC is satisfied with ADUF testing and requesting LIVE ADUF processing to begin.</li> <li>• If the CLEC is not satisfied with ADUF, it must send a letter to the AT&amp;T ADUF SME stating that the CLEC does not want to receive ADUF files.</li> </ul>
6	AT&T contacts the CLEC when the first file is created.
7	Questions/Issues that arise after Live Production can be resolved by completing the CLEC Problem/Issue/File Retransmission form (Attachment A at the end of this section) or contacting the AT&T ADUF SME.

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**ADUF****CONNECT:Direct™****Dial-up Option**

If the CLEC chooses CONNECT:Direct™ Dial-up as the delivery option for ADUF files, two testing processes must take place:

- 1) The connectivity for CONNECT:Direct™ Dial-up must be tested to verify that the CLEC can receive data files sent from AT&T ,
- 2) The ADUF application must be tested.

This section describes both testing procedures. For more information on CONNECT:Direct™, please refer to the CONNECT:Direct™ detail section in this chapter.

- 1) CONNECT:Direct™ Dial-up Connectivity Testing

Several steps must be completed BEFORE the connectivity testing process can begin. The CLEC must have performed the necessary steps to establish communication pathway on its end and must:

- Have the CONNECT:Direct™ software installed
- Have a PC with modem
- Have Dial-up Networking
- Have a AT&T issued Secure ID Card

**Note:** AT&T strongly recommends that the CLEC purchase Sterling Commerce, Inc.'s Maintenance Agreement for Vendor Assistance.

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**ADUF  
CONNECT: Direct™  
Dial-up Option  
(Continued)**

The following table describes the CONNECT:Direct™ Dial-up connectivity testing process:

Task	Action
1	The CLEC contacts the AT&T Account Team Member to request information on the CONNECT:Direct™ delivery option (Dial-up) and obtain a AT&T issued Secure ID Card if needed
2	The CLEC completes the CONNECT:Direct™ Connectivity Questionnaire (Attachment E at the end of this section) and sends it to the AT&T ADUF SME. This will provide AT&T with basic information to set up the connectivity test.
3	An initial conference call between AT&T and the CLEC’s technical personnel are scheduled at a time and date mutually agreed upon.
4	During the initial conference call all the technical details and requirements will be discussed. AT&T and the CLEC will agree on the connectivity testing start date and schedule a conference call to perform this testing.
5	AT&T sends the CLEC a written summary of the technical details and requirements discussed during the initial conference call.
6	Since the CLEC has chosen the Dial-up option, AT&T sends the CLEC the following: <ul style="list-style-type: none"> <li>• A SecurID card to allow them access to the AT&amp;T network</li> <li>• The “CONNECT:Direct™ or CARE In-Dial Remote Access Instructions”</li> <li>• Information on the Dial-up number, passwords, etc.</li> </ul>
7	The connectivity test will take place during a conference call between AT&T and the CLEC’s technical personnel. This test is performed to verify that the CLEC can download via CONNECT:Direct™ the ADUF test data files posted by AT&T . During the test, AT&T will verify with the CLEC that the test file downloaded is identical in size and format to the file posted on the AT&T network.
8	Once the connectivity test is successfully completed, the CLEC will receive written notification from AT&T via e-mail confirming the success of the test.
9	Once the connectivity process is complete, the application testing (described in the following sub-section) can begin.

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**ADUF  
CONNECT: Direct™  
Dial-up Option  
(Continued)**

2) ADUF CONNECT:Direct™ Application Testing

Once the CONNECT:Direct™ Dial-up connectivity has been successfully tested, the ADUF application testing can begin. The following table describes the application testing process:

Task	Action
1	An optional ADUF test file is made available to the CLEC. This file allows the CLEC to check its internal software.
2	AT&T posts an ADUF CONNECT:Direct™ test file on the AT&T network.
3	The CLEC downloads the ADUF CONNECT:Direct™ test file from the AT&T network.
4	The ADUF CONNECT:Direct™ test file is processed by the CLEC on its site.
5	Any ADUF data content issues that may arise are addressed by submitting the CLEC Problem/Issue/File Retransmission Form (Attachment A at the end of this section) or by contacting the AT&T ADUF SME.
6	<ul style="list-style-type: none"> <li>• If the CLEC is satisfied with ADUF, it must send a live production request letter to the AT&amp;T ADUF SME stating that the CLEC is satisfied with ADUF testing and requesting LIVE ADUF processing to begin.</li> <li>• If the CLEC is not satisfied with ADUF, it must send a letter to the AT&amp;T ADUF SME stating that the CLEC does not want to receive ADUF files.</li> </ul>
7	AT&T contacts the CLEC when the first file is created and posted.
8	Questions/Issues that arise after Live Production can be resolved by completing the CLEC Problem/Issue/File Retransmission form (Attachment A at the end of this section) or by contacting the AT&T ADUF SME.

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**ADUF  
Secure FTP  
Mailbox Option**

AT&T offers delivery via a secure FTP mailbox system that allows customers to pull their data. If Secure FTP data transmission is the method of choice, please complete the attached questionnaire (Attachment F) entitled "Secure FTP Connectivity Questionnaire".

If the CLEC chooses Secure FTP Mailbox-up as the delivery option for ADUF files, two testing processes must take place:

- 1) The connectivity for Secure FTP Mailbox must be tested to verify that the CLEC can receive data files sent from AT&T.
- 2) The ADUF application must be tested.

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**ADUF  
Secure FTP  
Mailbox Option  
(Continued)**

This section describes both testing procedures. For more information on Secure FTP Mailbox contact the ADUF SME.

1) Secure FTP Mailbox Connectivity Testing

Several steps must be completed BEFORE the connectivity testing process can begin. The CLEC must have performed the necessary steps to establish communication pathway on its end and must:

- Have the Secure FTP software installed
- Have a PC with Internet Access

The following table describes the Secure FTP Mailbox connectivity testing process:

<b>Task</b>	<b>Action</b>
1	The CLEC contacts the AT&T ADUF SME to request information on the Secure FTP Mailbox delivery option.
2	The CLEC completes the Secure FTP Connectivity Questionnaire (Attachment F at the end of this section) and sends it to the AT&T ADUF SME. This will provide AT&T with basic information to set up the connectivity test.
3	Once the Secure FTP Mailbox is established, the ADUF SME will e-mail the mailbox ID and password to the CLEC. The CLEC then sets up the mailbox using the directions supplied by the ADUF SME.
4	The CLEC contacts the ADUF SME when the Secure FTP Mailbox is setup and file delivery is confirmed.
5	Once the connectivity process is complete, the application testing (described in the following sub-section) can begin if necessary

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**ADUF  
Secure FTP  
Mailbox Option  
(Continued)**

2) ADUF Secure FTP Mailbox Application Testing

Once the Secure FTP Mailbox connectivity has been successfully tested, the ADUF application testing can begin. The following table describes the application testing process:

Task	Action
1	An optional ADUF test file is made available to the CLEC. This file allows the CLEC to check its internal software.
2	AT&T posts an ADUF Secure FTP test file to the CLEC's mailbox.
3	The CLEC downloads the ADUF test file from the mailbox.
4	The ADUF test file is processed by the CLEC.
5	Any ADUF data content issues that may arise are addressed by submitting the CLEC Problem/Issue/File Retransmission Form (Attachment A at the end of this section) or by contacting the AT&T ADUF SME.
6	<ul style="list-style-type: none"> <li>• If the CLEC is satisfied with ADUF, it must send a live production request letter to the AT&amp;T ADUF SME stating that the CLEC is satisfied with ADUF testing and requesting LIVE ADUF processing to begin.</li> <li>• If the CLEC is not satisfied with ADUF, it must send a letter to the AT&amp;T ADUF SME stating that the CLEC does not want to receive ADUF files.</li> </ul>
7	Questions/Issues that arise after Live Production can be resolved by completing the CLEC Problem/Issue/File Retransmission form (Attachment A at the end of this section) or by contacting the AT&T ADUF SME.

**Additional ADUF Testing**

If additional testing is requested after the CLEC/OCN is in production; AT&T encourages the CLEC/OCN to set-up test accounts with live end users (employees) and makes test calls. AT&T requests the CLEC/OCN to log the test calls and furnish AT&T a log copy. Questions resulting from the additional testing can be addressed through a conference call between the CLEC/OCN and AT&T ADUF SME.

**Ordering and Implementation**

ADUF is available upon request. For more information, contact the AT&T ADUF SME for assistance with applicable rates and information on contract negotiation and account establishment.

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**Getting Help**

If there are any questions or problems concerning the ADUF files, complete the CLEC/Problem/Issue/File Retransmission form (Attachment A at the end of this section) and forward to the AT&T ADUF SME. This form can be used for requesting the status of testing, for address changes, for changes to distribution type or to request changes to documentation. If there is a problem with the transmission of files refer to the File Transmission Assistance section of this document.

AT&T will work to resolve any problems or issues reported by the CLEC. All reported problems and issues will be acknowledged by contacting the CLEC within one business day.

**Escalation Procedures**

To escalate an ADUF issue or problem please follow the escalation procedures described in the Interconnection Agreement or contact the AT&T Wholesale Billing Manager.

**File Transmission Assistance**

If assistance with a file transmission is needed, complete attached CLEC/Problem/Issue/File Retransmission form (Attachment A at the end of this section) or call the following numbers:

<b>Delivery Type</b>	<b>Who to call</b>
CONNECT:Direct™ Transmission	<ul style="list-style-type: none"> <li>• AT&amp;T Trouble Line 205-444-2912</li> <li>• AT&amp;T ADUF SME</li> </ul>
Secure FTP Mailbox	<ul style="list-style-type: none"> <li>• AT&amp;T ADUF SME</li> </ul>

**Note:** The AT&T Trouble Line is available 24 hours a day, 7 days a week. AT&T will work to resolve any problems or issues reported by the CLEC. All reported problems and issues will be acknowledged by contacting the CLEC within one business day.

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Attachment A

**AT&T Billing Inc. - WeBS**  
**CLEC Problem/Issue/File Retransmission**

Note: See Attachment B for instructions

For Internal Use Only				
Request Date	Received Date	Process Date	CLEC Response Date	BBI Use

CLEC Name	AECN/OCN	ODUF/EODUF/ADUF

Operating in Sites <i>Yes/No</i>	GA					FL			NC	SC		
	AL	KY	LA	MS	TN	ATL	MAC	JX			MI	FtL

Problem/Issue/Other	Problem/Issue/Other Description(s)

ODUF/EODUF/ADUF File Retransmission	
Date of file(s)/or EMI Header Record	
OCN #	
Pack Sequence Number	
From RAO/Site	
Volser Number Or Dataset (N/A for ADUF)	
Reason for Retransmission	

Your Contact Information	
Your Name	
Your E-mail	
Your Phone #	

FAX or E-mail to the AT&T ADUF SME

ADUF SME	Telephone #	Fax #	E-mail ID
Denise Mitchell	205-321-3509	205-321-2285	<a href="mailto:denise.mitchell2@att.com">denise.mitchell2@att.com</a>
Karen Beverly	205-321-4321	205-321-2285	<a href="mailto:karen.beverly@att.com">karen.beverly@att.com</a>

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## Attachment B

**AT&T Billing Inc. - WeBS**  
**CLEC Problem/Issue/File Retransmission - Instructions**

Field Caption	Description
CLEC Name	CLEC Resale/Interconnection Contract Name
AECN/OCN	Provide Operating Company Number (OCN) operating within AT&T territory
ODUF/EODUF/ADUF	Define which CLEC daily usage application needs to be addressed
Operating Sites	Check the state boxes where CLEC/OCN is doing business within AT&T territory
Problem/Issue/Other	General detail about the problem
Problem/Issue/Other Description(s)	Wording to describe in detail aspects of the problem
Date of file(s) or EMI Header Record	The original file Header Record (202009). Data contained in positions 1-12. If Header Record is not known, then record date of the receipt.
OCN	Operating Company Number
Pack Sequence Number	Invoice number (listed in the header) that is missing
From RAO/Site	Revenue Accounting Office of the CLEC/OCN. This is optional data if known.
Volser Number or Dataset	Volser is the volume serial number of a magnetic tape, which is not applicable for ADUF. Dataset is the Dataset name that is used with the Network Data Mover (NDM) utilizing CONNECT:Direct™ software in a LAN to LAN connection (UserID).
Reason for Retransmission	Wording to describe whether the file was lost, could not be read, open, etc.

*continued on next page*

Attachment C

**AT&T Billing Inc. – WeBS**  
**(ADUF) Test File Request**

Note: See Attachment D for instructions

For Internal Use Only				
Request Date	Received Date	Process Date	CLEC Response Date	BBI Use

CLEC Name	AECN/OCN	Send To RAO

Reseller - Yes/No	UNE – Yes/No	Facility-Based - Yes/No	If Facility-Based, AT&T Operator Services Yes/No

Operating in Sites Yes/No	GA					FL			NC	SC		
	AL	KY	LA	MS	TN	ATL	MAC	JX			MI	FtL

Type of Test	Yes/No	Data Set Name/ Contact Name/ Mailing Address Information
CONNECT:Direct™ (NDM)		
Secure FTP Mailbox		
E-mail Test File		
Text File (.txt)		
EXCEL File (.xls)		

Comments/Special Instructions:

Fax or E-mail to the AT&T ADUF SME

ADUF SME	Telephone #	Fax #	E-mail ID
Denise Mitchell	205-321-3509	205-321-2285	<a href="mailto:denise.mitchell2@att.com">denise.mitchell2@att.com</a>
Karen Beverly	205-321-4321	205-321-2285	<a href="mailto:karen.beverly@att.com">karen.beverly@att.com</a>

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## Attachment D

**AT&T Billing Inc. - WeBS**  
**(ADUF) Test File Request - Instructions**

Field Caption	Description
CLEC Name	CLEC Resale/Interconnection Contract Name
AECN/OCN	Provide Operating Company Number (OCN) operating within AT&T territory
Send to RAO	Identify what Revenue Accounting Office is sending data to the CLEC. See the section Packaging Standards for a list of RAOs and their corresponding codes.
Reseller (Yes/No)	Enter whether the CLEC is a reseller or not
UNE (Yes/No)	Enter whether the CLEC is a UNE or not
Facility-Based (Yes/No)	Enter whether the CLEC is Facility-Based or not
If Facility-Based, AT&T Operator Services (Yes/No)	If the CLEC is Facility-Based, does it use AT&T Operator Services?
Operating Sites	Check the state boxes where CLEC/OCN is doing business within AT&T territory
Type of Test	LAN-to-LAN or Dial-up.
CONNECT:Direct™ (NDM)	List the following information: Data set name, contact name (CLEC employee who is performing the test), Contact telephone number, e-mail address, and desired test date.
Secure FTP Mailbox™	List the following information: Data set name, contact name (CLEC employee who is performing the test), Contact telephone number, e-mail address, and desired test date.
E-mail Test File	Indicate Yes or No if the CLEC wants the file sent via e-mail. If yes, list e-mail address to send file.
Text File (.txt)	Indicate Yes or No if the file should be sent as a text file (.txt)
Excel File (.xls)	Indicate Yes or No if the file should be sent as an Excel file (.xls)
Comments/Special Instructions	List or describe any additional delivery descriptions or requests here

**BellSouth Telecommunications**

Issue Date: 06/01/2000

Revision Date: 7/19/2007

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**PRIVATE/PROPRIETARY**

Contains Private And/Or Proprietary Information.  
 May Not Be Used Or Disclosed Outside The BellSouth Companies  
 Except Pursuant To A Written Agreement.



Attachment E

AT&T Billing Southeast

**WeBS CONNECT:DIRECT™ QUESTIONNAIRE**

To be completed by prospective AT&T Client licensed by Sterling Commerce, Inc. to use CONNECT:Direct™ software.

**General Client Information**

**Date**

Company Name:  
 Company Telephone Number:                      Company Fax Number:  
 CIC Code(s):    (if applicable)  
 ACNA(s):    (if applicable)  
 OCN(s):    (if applicable)

Contact Name:    Contact Telephone Number:  
 Contact Address:  
 Contact Email:

AT&T Account Manager (if applicable):  
 AT&T Account Manager Telephone Number (if applicable):

AT&T currently has working solutions with CONNECT:Direct™ Trading Partners who use the following platforms:

<u><b>SNA</b></u>	IBM MVS IBM AS/400	DEC VAX IBM VSE	IBM RS/6000 SUN UNIX
<u><b>TCP/IP</b></u>	IBM MVS HP UNIX AS/400	Tandem Windows NT Windows 95	IBM RS/6000 SUN UNIX

NOTE: Only Y2K certified products are supported.

Client's Protocol:  SNA  TCP/IP  Other  
 Client's Platform:  WIN NT  WIN 95/98/ME  UNIX  
     MVS  ASX 400  Dial Up  Other

NOTE: If Platform is other than SNA or TCP/IP, AT&T will require additional testing time.

Client's CONNECT:Direct™ Release Level                      (ex: MVS 3.2)

Client's IP Address (for TCP/IP):

NOTE: The AT&T Technical Solutions Manager will provide this information.

Client's CONNECT:Direct™ Node Name:

Do you currently have CONNECT:Direct™ expertise available to assist with connectivity issues and questions?       Yes  
 No

**NOTE:** It is recommended that you purchase Sterling Commerce Inc.'s Maintenance Agreement for Vendor assistance, software upgrades, etc.

*continued on next page*

## Attachment E (continued)

## Application Specific Information

## CRIS

Client's IP Address (for TCP/IP) (If different from above):

Client's CONNECT:Direct™ Node Name (If different from above):

Client's NDM logon ID and password:

Client's Platform (If different from above):

Client's Directory to place incoming file:

Client's "send to" dataset name:

**NOTE: AT&T requires a GDG (numbered sequence) or date and timestamp on each file name.**

Client's runtask or file trigger:

For testing, which "Q" do you wish for AT&T to use?

## CABS

Client's IP Address (for TCP/IP) (If different from above):

Client's CONNECT:Direct™ Node Name (If different from above):

Client's NDM logon ID and password:

Client's Platform (If different from above):

Client's Directory to place incoming file:

Does Client want to receive CABS Access bills?  Yes  No

If so, what is the Client's "send to" dataset name?

**NOTE: AT&T requires a GDG (numbered sequence) or date and timestamp on each file name.**

Do you wish to use your production file name listed above for testing purposes? :

Will this file have a runtask or file trigger?:

Does Client want to receive UNE J-Bill/N-Bills?  Yes  No

If so, what is the Client's "send to" dataset name?

**NOTE: AT&T requires a GDG (numbered sequence) or date and timestamp on each file name.**

**NOTE: AT&T requires a separate filename for each bill type selected.**

Do you wish to use your production file name listed above for testing purposes? :

Will this file have a runtask or file trigger?:

If Client has a Billing & Collections Agreement with AT&T, does Client want to receive

Billing & Collection bills?  Yes  No

If so, what is the Client's "send to" dataset name?

**NOTE: AT&T requires a GDG (numbered sequence) or date and timestamp on each file name.**

**NOTE: AT&T requires a separate filename for each bill type selected.**

Do you wish to use your production file name listed above for testing purposes? :

Will this file have a runtask or file trigger?:

Secondary Media Type:  Paper  CD-ROM  Diskette  Magnetic Tape

**NOTE: There is a charge for all secondary media type except CD-ROM and Diskette**

Do you wish to receive a test file 30 days prior to AT&T moving to a new CBOS version?

Do you wish to receive this CBOS version test file via:

Cartridge tape  CONNECT:Direct

If by cartridge tape so, address to mail tape with contact name & number:

Do you wish to receive the AT&T CBOS differences list?

If so, physical address or e-mail address to mail list with contact name:

*continued on next page*

**Attachment E (Continued)****ADUF/ODUF**

Client's IP Address (for TCP/IP) (If different from above):

Client's CONNECT:Direct™ Node Name (If different from above):

Client's NDM logon ID and password:

Client's Platform (If different from above):

Client's Directory to place incoming file:

Client's ADUF "send to" dataset name:

**NOTE: AT&T requires a GDG (numbered sequence) or date and timestamp on each file name.**

Client's ADUF runtask or file trigger:

Client's ODUF "send to" dataset name:

**NOTE: AT&T requires a GDG (numbered sequence) or date and timestamp on each file name.**

Client's ODUF runtask or file trigger:

If dialup, do you have a AT&T issued Dials Card?

If so, please supply serial number on back of Card?

*Send your completed questionnaire via email to your AT&T WeBS Contact.*

**AT&T Billing Southeast**

**SECURE FTP CONNECTIVITY QUESTIONNAIRE**

To be completed by prospective AT&T Client

AT&T Secure External Drop Box Service is an Internet based service that utilizes Secure FTP software to exchange data files via a secure Internet connection. External customers will be authenticated via their IP address or network in addition to login id and password.

Estimated disk space in the client mailbox is one gigabyte and data will be retained in the mailbox for fourteen calendar days.

**Client Contact Information**

**Date**

Company Name:  
Company Telephone Number:  
Company Fax Number:  
CIC Code (if applicable):  
ACNA (if applicable):  
GAC (if applicable):  
OCN (if applicable):

Primary Client Contact Name:  
Primary Client Contact Number:  
Primary Client Contact Address:  
Primary Client Contact Email:

Alternate Client Contact Name:  
Alternate Client Contact Number:  
Alternate Client Contact Address:  
Alternate Client Contact Email:

**AT&T Contact Information:**

AT&T Primary Data Exchange Manager:  
AT&T Primary Data Exchange Manager Number:  
AT&T Primary Data Exchange Manager Email:

AT&T Alternate Data Exchange Manager:  
AT&T Alternate Data Exchange Manager Number:  
AT&T Alternate Data Exchange Manager Email:

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**AT&T Billing Southeast**

Client's Platform: Windows  MVS  UNIX  AS400  Other  (Please specify)

Client's Internet Connection: 56K Data Line  T1  T3  Other  (Please specify)

Client's Modem speed: DSL  ISDN  Other  (Please specify)

Number of bytes you expect to send and/or receive in one transmission:  
Frequency of transmission:

Do you want an E-mail notification when a file is dropped in your mailbox:

Will you be receiving Data Files from AT&T ? If so, please list all applications (i.e., CRIS, CABS, CARE, ODUF, ADUF, CMDS, etc.):

- Application 1:
- Application 2:
- Application 3:
- Application 4:
- Application 5:
- Application 6:
- Application 7:
- Application 8:
- Application 9:
- Application 10:

Will you be sending Data Files to AT&T? If so, please list all applications:

- Application 1:
- Application 2:
- Application 3:
- Application 4:
- Application 5:

Send your completed questionnaire via email to your AT&T Data Exchange Account Manager. The Account Manager will contact you to schedule a conference call to discuss requirements for setting up your Secure FTP mail box.