

ATTACHMENT 6

LENS Access Technical Specification

Access by a Client Application

1. Overview

This document specifies the details of the interface that can be utilized by a Competitive Local Exchange Carrier (CLEC) to access the BellSouth Telecommunication's Local Exchange Negotiation System (LENS) from software emulating a Web Browser.

The LENS can be accessed directly by other computer systems bypassing the need for a Web Browser. This paper contains specifications for a methodology for using an application client in place of browser to communicate with and obtain information from the LENS Web server.

The LENS application will provide the following functionality related to the ordering of BellSouth Telecommunications services by CLECs.

- Street Address Validation
- Telephone Number Reservations
- Due Date Calculation
- Service Availability Inquires
- Creation of an Local Service Request (LSR)
- Customer Service Record Retrieval

The initial draft of this document will address only the first two functions listed above. Additional functions will be added to the document in later drafts until the document is complete. This document is based on the best information BellSouth Telecommunications (BST) has available at this time. It is, however, a DRAFT document and is subject to change in subsequent versions.

LENS is a Web-based application utilizing a Web Server to provide presentation of HTML code to remote browsers. It also includes a back-end application server that is accessed via CGI scripts. The remainder of this document provides technical details for the access to LENS from a client application other than a Web Browser.

2. General Interface Specifications

2.1 Interface Overview

1. This interface is based on emulation of a browser. The interface is designed to be utilized by either Netscape Navigator 3.x or Internet Explorer 3.0.

2. The client application will be required to utilize the HTTP protocol to obtain each of the pages in the user interface flow and to respond accordingly.
3. The interface requires the use of cookies. This mechanism is used to provide continuity between the pages.
4. All HTML pages are prefaced with a comment block. This block contains the data returned by the page in tag-value format. The general form of the comment block is as follows. The first five lines may be ignored.

```
HTTP/1.0 200 NeXT
Server: Netscape-Enterprise/2.0a
Date: current date
Content-type: text/html
Content-length: length of page
<!--
response=value
action=url
var1=value1
...
varn=valuen
-->
```

action delimits the URL of the CGI that must be called next. The tags var1 ... varn indicate the data values returned by the call. The remaining HTML page can be ignored by the application.

2.2 Connectivity

1. The network connectivity to the LENS application is the Internet suite of protocols (TCP/IP, etc.)
2. The protocol for the transfer of requests and responses is HTTP.
3. The connectivity to LENS can be through lan-to-lan connections, dial-up connections using PPP or through connections from the Internet.

2.3 Security

The security required will be dependent on the connectivity method utilized. Security for each of the three types of connectivity are discussed below

2.3.1 Lan-to-Lan

Security for the lan-to-lan connection assumes a trusted network on the other end and does not require additional network security. A CLEC wanting to use the Web Server over a lan-to-lan connection can obtain an application ID which can be utilized for all connections from the client application to the Web Server. The client application will have to include in the initial logon response information that can be used to identify the originating CLEC employee, if necessary, for auditing and trouble shooting. All access requires a registered IP Address.

2.3.2 Dial-up

BellSouth requires that any user making a dial-up connection be authenticated utilizing a Secure ID card. This card, in connection with a user ID, has to be utilized before the connection is made to the TCP/IP in-dial connections. In addition, the client application will be required to logon to the Web Server before beginning a session.

2.3.3 Internet

Any connection over the Internet will require the use of a security certificate obtained from a BellSouth designated certificate authority. In addition, all data sent back and forth will be encrypted using Secure Sockets Layer.

3. Application Specifications

This sections of the document details the HTML page flows for each application and defines the format, tags, etc. for each of the pages associated with the application. In addition any error messages will be documented.

After a to be determined period of time with no activity, the session is terminated with the following response.

```
<!--  
response=Missing Session Error  
-->
```

Note: The browser gets this message if the users session times out and they try to re-connect, but not otherwise. Otherwise, the application just drops the connection and it's up to the remote software to determine what happened.

3.1 Accessing the Pre-order Functionality

In order to reach the pre-order functionality, a session must be established. This requires a series of interactions with the application server. These interactions perform authentication and establish the pre-ordain session.

3.1.1 Page Flow

3.1.1.1 Initial Access

Open a connection to the specified server on the specified port. Send the following lines, each terminated by a carriage return and line feed, to the web server across the connection.

```
GET initial_application_url HTTP/1.0
User-Agent: agent name
```

3.1.1.2 Authentication

Open a connection to the specified server on the specified port. Send the following lines, each terminated by a carriage return and line feed, to the web server across the connection.

```
POST authentication_url HTTP/1.0
User-Agent: agent name
Content-type: application/x-www-form-urlencoded
Content-length: length(userid)+length(password)+9
```

```
1.0=userid&1.1=password
```

Note: *initial_application_url*, *agent name*, *userid* and *password* will be established after 3/31. *1.0* and *1.1* are the *names* associated with the HTML input fields. Read the output from standard in. Once the server has sent its response, it closes the connection.

3.1.1.3 Main Screen Access

Open a connection to the specified server on the specified port. Send the following lines, each terminated by a carriage return and line feed, to the web server across the connection.

```
POST mainscreen_url HTTP/1.0
User-Agent: agent name
Content-type: application/x-www-form-urlencoded
Content-length: 16
```

1.2=Inquiry+Only

Note: *mainscreen_url* is obtained from the *action* tag in the response from the initial access and authentication. Read the output from standard in. Once the server has sent its response, it closes the connection.

3.1.2 Data Format

The following tag-value pairs are returned by a successful access to each of the steps described in 3.1.1.

3.1.2.1 Initial Access Response

```
<!--  
response=Authentication Screen  
action=authentication_url  
-->
```

3.1.2.2 Authentication Response

```
<!--  
response=Main Screen  
action=mainscreen_url  
-->
```

3.1.2.3 Main Screen Response

```
<!--  
response=Inquiry Screen  
action=inquiryscreen_url  
-->
```

3.1.3 Error Messages

3.1.3.1 Initial Access and Authentication Error

```
<!--  
response=Authentication Error  
action=initial_screen_url  
-->
```

Note: The *initial_screen_url* is dynamically generated and is not identical to the *initial_application_url*

3.2 Street Address Validation

3.2.1 Page Flow

3.2.1.1 Street Address Validation Access

Open a connection to the specified server on the specified port. Send the following lines, each terminated by a carriage return and line feed, to the web server across the connection.

```
POST inquiryscreen_url HTTP/1.0
User-Agent: agent name
Content-type: application/x-www-form-urlencoded
Content-length: 27
```

```
1.0=Validate+Address&1.1=OK
```

Note: *inquiryscreen_url* is obtained from the action tag in the response from the main screen access. Read the output from standard in. Once the server has sent its response, it closes the connection.

3.2.1.2 Validate Address

Open a connection to the specified server on a specified port. Send the following lines, each terminated by a carriage return and line feed, to the web server across the connection.

```
POST validateAddr_url HTTP/1.0
User-Agent: agent name
Content-Type: application/x-www-form-urlencoded
Content-length: length_of_stdin_string
```

```
1.0=number&1.1=suffix&1.2=dir_prefix&1.3=thor_fare&1.4=dir_s
uffix&1.5=street_name&1.7=unit&1.9=elevation&1.11=structure&
1.12=city&1.13=state&1.14=phone_number&1.15=descriptive_addr
ess&1.16=route&1.17=box&1.18=occupant_name&1.20=Validate
```

Note: validateAddr_url refers to the action returned in the previous response. *agent name* will be established after 3/31. 1.0, 1.1, 1.2, 1.3, 1.4, 1.5, 1.7, 1.9, 1.11, 1.12, 1.13, 1.14, 1.15, 1.16, 1.17, 1.18, and 1.20 are the *names* associated with the HTML input fields. The fields following these names are descriptive variable values to be substituted in the request. Include only those fields that you have data for in the stdin string. Because this value is variable, the *length_of_stdin_string* value will need to be computed for each request. Once the server has sent its response, it closes the connection. The names of these fields are subject to change.

The values of the HTML field names described above have the following constraints:

- 1.0: Maximum length of 8 characters
- 1.1: Maximum length of 4 characters
- 1.2: One of the following values: N,E,S,W,NE,NW,SE,SW
- 1.3: One of the following values:
ALY,,ANX,ARC,AV,BEND,BLK,BDWK,BLVD,BR,BTM,BYP,CSWY,CTR,CIR,CV,
CT,CRES,CRK,CRSG,DR,ESPLND,EST,EXPWY,EXT,FRK,FRWY,GRDN,HBR,HL,
HLS,HT,HTS,HWY,HOLW,ISL,JCTN,LK,LDG,LN,LOOP,MNR,MKT,MT,MTN,NK,P
ASS,PATH,PK,PKWY,PR,PKE,PL,PLZ,PT,PD,PROM,PVT
DR,RDG,RD,RDWY,RT,ROW,RUN,SQ,STA,ST,TER,THRWY,TRC,TR,TRNPK,VLG
,WK,WAY,WHF,YD
- 1.4: One of the following values: N,E,S,W,NE,NW,SE,SW
- 1.5: Maximum length of 44 characters
- 1.7: Non-inclusive list of possible values: APT,LOT,RM,SLIP,SUIT,UNIT
- 1.9: Non-inclusive list of possible values: FLR
- 1.11: Non-inclusive list of possible values: BLDG,PIER,WNG
- 1.12: Maximum length of 32 characters
- 1.13: Standard two-character state abbreviations (capitalized)
- 1.14: Maximum length of 24 characters
- 1.15: Maximum length of 50 characters
- 1.16: Maximum length of 2 characters
- 1.17: Maximum length of 8 characters
- 1.18: Maximum length of 50 characters
- 1.20: field must be included with value of `Validate`

3.2.1.3 Successful Street Address Validation

Open a connection to the specified server on the specified port. Send the following lines, each terminated by a carriage return and line feed, to the web server across the connection.

```
POST successful_validation_url HTTP/1.0
User-Agent: agent name
Content-type: application/x-www-form-urlencoded
Content-length: 0
```

Note: *successful_validation_url* is obtained from the action tag in the response from the validate address. Read the output from standard in. Once the server has sent its response, it closes the connection.

3.2.1.4 Resubmit Validate Address

There are 16 different types of responses. This section documents only one of them. The others will be very similar but with some differences. These additional types will be included in the first revision of the document. Open a connection to the specified server on a specified port. Send the following lines, each terminated by a carriage return and line feed, to the web server across the connection.

```
POST revalidateAddr_url HTTP/1.0
User-Agent: agent name
Content-Type: application/x-www-form-urlencoded
Content-length: length_of_stdin_string
```

1.0=number&1.1=suffix&1.2=dir_prefix&1.3=thor_fare&1.4=dir_s
uffix&1.5=street_name&1.7=unit&1.9=elevation&1.11=structure&
1.12=city&1.13=state&1.14=phone_number&1.15=descriptive_addr
ess&1.16=route&1.17=box&1.18=occupant_name&1.20=Validate

Note: *revalidateAddr_url* refers to the action returned in the previous response. *agent name* will be established after 3/31. 1.0, 1.1.1.2, 1.3, 1.4, 1.5, 1.7, 1.9, 1.11, 1.12, 1.13, 1.14, 1.15, 1.16, 1.17, 1.18, and 1.20 are the *names* associated with the HTML input fields. The fields following these names are descriptive variable values to be substituted in the request. Include only those fields that you have data for in the stdin string. Because this value is variable, the *length_of_stdin_string* value will need to be computed for

each request. Read the output from standard in. Once the server has sent its response, it closes the connection.

The values of the HTML field names described above have the following constraints:

- 1.0: Maximum length of 8 characters
- 1.1: Maximum length of 4 characters
- 1.2: One of the following values: N,E,S,W,NE,NW,SE,SW
- 1.3: One of the following values:
ALY,,ANX,ARC,AV,BEND,BLK,BDWK,BLVD,BR,BTM,BYP,CSWY,CTR,CIR,CV,
CT,CRES,CRK,CRSG,DR,ESPLND,EST,EXPWY,EXT,FRK,FRWY,GRDN,HBR,HL,
HLS,HT,HTS,HWY,HOLW,ISL,JCTN,LK,LDG,LN,LOOP,MNR,MKT,MT,MTN,NK,P
ASS,PATH,PK,PKWY,PR,PKE,PL,PLZ,PT,PD,PROM,PVT
DR,RDG,RD,RDWY,RT,ROW,RUN,SQ,STA,ST,TER,THRWY,TRC,TR,TRNPK,VLG
,WK,WAY,WHF,YD
- 1.4: One of the following values: N,E,S,W,NE,NW,SE,SW
- 1.5: Maximum length of 44 characters
- 1.7: Non-inclusive list of possible values: APT,LOT,RM,SLIP,SUIT,UNIT
- 1.9: Non-inclusive list of possible values: FLR
- 1.11: Non-inclusive list of possible values: BLDG,PIER,WNG
- 1.12: Maximum length of 32 characters
- 1.13: Standard two-character state abbreviations (capitalized)
- 1.14: Maximum length of 24 characters
- 1.15: Maximum length of 50 characters
- 1.16: Maximum length of 2 characters
- 1.17: Maximum length of 8 characters
- 1.18: Maximum length of 50 characters
- 1.20: field must be included with value of Validate

3.2.2 Data Format

3.2.2.1 Inquiry Screen Response

```
<!--  
response=Validate Street Address  
action=validateAddr_url
```

-->

3.2.2.2 Street Address Validation Response (Successful)

```
<!--  
response=Valid Address Screen  
action=successful_validation_url  
-->
```

3.2.2.3 Successful Street Address Validation Response

```
<!--  
response=Valid Address Screen  
action=inquiryscreen_url  
-->
```

3.2.3 Error Messages

3.2.3.1 Unsuccessful Street Address Validation Response

```
<!--  
response=Invalid Address Screen  
action=revalidateAddr_url  
errmsg=error message  
numChoices=n  
choice1=address string 1  
...  
choicen=address string n  
-->
```

Note: numChoices, choice1, ..., choicen are optional fields that are only present if the incorrect address had any potential partial matches. numChoices is an integer greater than 0. errmsg, choice1... choicen are strings.

3.3 Telephone Number Reservations

All telephone number (TN) reservation must be associated with a valid street address. This means that a street address validation must be successfully completed *in that session* before a TN reservation can be completed, age Flow

3.3.1.1 Inquiry Screen Access

Open a connection to the specified server on the specified port. Send the following lines, each terminated by a carriage return and line feed, to the web server across the connection.

```
POST inquiryscreen_url HTTP/1.0
User-Agent: agent name
Content-type: application/x-www-form-urlencoded
Content-length: 38
```

1.0=Reserve+Telephone+Number(s)&1.1=OK

Note: *inquiryscreen_url* is obtained from the *action* tag in the response from the successful street address validation. Read the output from standard in. Once the server has sent its response, it closes the connection.

3.3.1.2 Telephone Number Type Selection

Open a connection to the specified server on the specified port. Send the following lines, each terminated by a carriage return and line feed, to the web server across the connection.

```
POST TNtype_url HTTP/1.0
User-Agent: agent name
Content-type: application/x-www-form-urlencoded
Content-length: length_of_stdin_string
```

2.2=Reservation+Type+String&2.3=npa&2.4=nxx&2.5=line&2.6=tn&2.7=OK

Note: *TNtype_url* is obtained from the *action* tag in the response from the inquiry screen access. *Reservation Type String* must be one of the following: Random Numbers, Easy Numbers Ascending Line Digits, Descending Line Digits, Identical Line Digits or Sequential Line Numbers. The specifications of acceptable values for 2.3 - 2.6 will be provided after 3/31. Read the output from standard in. Once the server has sent its response, it closes the connection.

3.3.1.3 Telephone Number Selection

Open a connection to the specified server on the specified port. Send the following lines, each terminated by a carriage return and line feed, to the web server across the connection.

```
POST select_url HTTP/1.0
User-Agent: agent name
Content-type: application/x-www-form-urlencoded
Content-length: length(TN list)+4
```

1.0=TN list

Note: *select_url* is obtained from the action tag in the response from the telephone number type selection access. *TN list* is a list of telephone numbers obtained from the previous screen (give actual screen) separated by the null delimiter. Read the output from standard in. Once the server has sent its response, it closes the connection.

3.3.1.4 Telephone Number Reservation

Open a connection to the specified server on the specified port. Send the following lines, each terminated by a carriage return and line feed, to the web server across the connection.

```
POST keep_url HTTP/1.0
User-Agent: agent name
Content-type: application/x-www-form-urlencoded
Content-length: 0
```

Note: *keep_url* is obtained from the action tag in the response from the telephone number selection access. Read the output from standard in. Once the server has sent its response, it closes the connection.

3.3.2 Data Format

3.3.2.1 TN Reservation Request Response

```
<!--
response=Select TN Reservation Type
```

action=TNtype_url

-->

3.3.2.2 TN Type Selection Response

<!--

response=Select TN's from List

action=select_url

numTN=n

TN1=tn1

...

TNn=tnn

-->

Note: Where num numTn is the number of telephone numbers to select from and TN1...TNn contain the values of each number. If no numbers are returned, these tag-value fields are not present. tn1...tnn are each a string consisting of ten digits.

3.3.2.3 TN Selection Response

<!--

response=Numbers Selected

action=keep_url

-->

3.3.2.4 TN Reservation Response

<!--

response=Numbers Reserved

-->

Note: There is no action available after this transaction.

3.3.3 Error Messages

None currently defined.

3.4 Due Date Calculation

To be addressed in later revisions of the document

3.5 Service Availability Inquires

To be addressed in later revisions of the document

3.6 *Creation of an Local Service Request (LSR)*

To be addressed in later revisions of the document

3.7 *Customer Service Record Retrieval*

ATTACHMENT 7

Fred McCallum Jr.
General Counsel - Georgia

RECEIVED

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April 15, 1997

APR 16 1997

EXECUTIVE SECRETARY
GPSC

Ms. Terri M. Lyndall
Executive Secretary
Georgia Public Service Commission
244 Washington Street, S.W.
Atlanta, GA 30334

RE: Petition of AT&T for the Commission to Establish Resale
Rules Rates, Terms and Conditions and the Initial
Unbundling of Services; Docket 6352-U

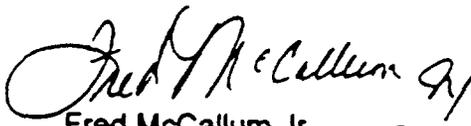
Dear Ms. Lyndall:

Pursuant to the Georgia Public Service Commission's ("Commission") Order of July 11, 1996, in the above-referenced docket, enclosed for filing with the Commission are the original and 25 copies of BellSouth Telecommunications, Inc.'s Report of Electronic Interfaces for Local Service Resellers.

I would appreciate your filing this Report with the Commission and returning to me in the self-addressed stamped envelope provided a file-stamped copy of same.

Thank you for your assistance in this matter.

Sincerely,


Fred McCallum Jr. *JK*

cc: Parties of Record
(on attached list)

**BellSouth's Report to the Georgia
Public Service Commission**

Electronic Interfaces for the new local market

Monthly Surveillance Report

April 15, 1997

Monthly Surveillance Report

- I. Introduction
- II. Status Reports
- III. Closing

This is the ninth in a series of monthly surveillance reports submitted by BellSouth Telecommunications, Inc. ("BellSouth") to the Georgia Public Service Commission ("Commission") as ordered on July 11, 1996 in Docket No. 6352-U in the matter of the development of electronic interfaces for use by local service Resellers. The Commission has further required that this type of report be filed as a result of the AT&T, MCI/metro and Sprint arbitration proceedings. This report has been expanded to accommodate the requirements of the arbitration awards in those proceedings including but not limited to the Commission's requirement that BellSouth provide monthly reports on the status of developing secure access to customer service record information pursuant to this Commission's arbitration orders.

Status reports are provided for:

- Joint Implementation Team
- Pre-ordering
 - ◊ LAN-to-LAN access to street address validation
 - ◊ Transfer of files of reserved telephone numbers via diskette
 - ◊ Electronically transfer files of reserved telephone numbers
- Phase II Interactive Pre-ordering and Interactive Direct Entry Ordering
- Ordering via Electronic Data Interchange ("EDI")
- Maintenance and Trouble Reporting (TAFI Interface).
- Daily Usage Data
- Customer Service Records - Mechanized

Status Reports provide milestones accomplished, milestones ahead, and present any issues affecting the particular interface.

BellSouth conducted a CLEC training program attended by approximately 150 CLEC representatives during April 1 - 3, 1997. This training program included demonstrations of the LENS pre-ordering and interactive ordering interface as well as hands on use of an EDI ordering software package and the TAFI trouble reporting system.

In its response to BellSouth's March 28, 1997 Monthly Surveillance Report, AT&T states that the Commission should "receive progress reports on the implementation of the permanent operational interfaces contained in the BellSouth/AT&T interconnection agreement." Because the interfaces BellSouth has implemented to date or expects to be available by April 30, 1997 provide nondiscriminatory access to BellSouth's systems, BellSouth disagrees with AT&T's suggestion that these interfaces are "interim" in nature. However, BellSouth agrees that the Commission should be aware of the efforts undertaken to develop the AT&T-specific interfaces requested by AT&T. This is particularly true given that the interfaces that have been the subject of the monthly Surveillance Report since the report's inception are complete or soon will be. BellSouth is willing to work with AT&T to include information about the development of the interfaces requested by AT&T in future monthly surveillance reports.

Joint Implementation Team

The Commission in Docket No. 6352-U ordered that AT&T and BellSouth establish by July 22, 1996 a joint Implementation Team to assure effective implementation of the electronic interfaces and compliance with the Commission's Order. The Commission has reaffirmed this requirement as a part of the arbitration proceedings. The interconnection agreement executed between BellSouth and AT&T on February 3, 1997 requires the parties to work together to develop and implement an electronic communications interfaces that replace or enhance the current interfaces under development. The Commission in its January 22, 1997 order stated that this report could be utilized as a vehicle for reporting to the Commission on the progress toward meeting the December 31, 1997 deadline for permanent electronic interfaces.

Status

The joint Implementation team continues to monitor the use of the following interfaces that have been developed.

- LAN-to-LAN Interconnectivity,
- Phase I Pre-ordering interface,
- Daily Usage Data interface.

The EDI Ordering interface was ready on 12/15/96 as ordered. BellSouth has been actively seeking and working with testing partners and is currently ready to undertake joint testing with any CLEC. Further information is contained in the EDI portion of this report.

Development of the Maintenance and Trouble Reporting (TAFI) interface is complete. BellSouth has this system in use by one CLEC and will be training two additional CLECs on TAFI the week of April 20, 1997. BellSouth also is ready to implement this interface with other interested CLEC.

On October 25, 1996, AT&T advised that AT&T would not use the interactive Pre-order/Order System stating their objective for machine-to-machine interfaces developed on an as yet undefined national standard. In December, 1996 AT&T requested a meeting to gather information on an interactive Pre-order/Order System being developed. BellSouth continues with its efforts to develop the interactive interface as ordered by the Commission. BellSouth also participates in the national standards setting bodies to facilitate the development of national standards for pre-ordering and ordering of local service requests.

BellSouth has launched Joint Implementation Teams to develop the system for mechanizing customer service record access and continues the work required to develop permanent electronic interfaces as required by the interconnection agreement executed by AT&T and BellSouth.

Pre-ordering Phase 1 - LAN-to-LAN Access

The Commission in Docket No. 6352-U ordered BellSouth is to provide by September 15, 1996 as a part of the Phase I implementation, the LAN-to-LAN access to the Regional Street Address Guide. The Commission has reaffirmed this requirement as a part of the arbitration proceedings.

Status

Milestones accomplished:

- | | |
|---|--------------------|
| • Initial Meeting | August 2, 1996 |
| • Requirements provided by BellSouth | August 2, 1996 |
| • AT&T to provide TCP Technical information | August 16, 1996 |
| • AT&T circuit due date | September 6, 1996 |
| • BellSouth finalize test plan | September 9, 1996 |
| • LAN-to-LAN Connectivity established and tested | September 10, 1996 |
| • AT&T and BellSouth testing begins | September 10, 1996 |
| • AT&T to provide user information | September 11, 1996 |
| • BellSouth to complete User ID and Profile updates | September 15, 1996 |
| • LAN-to-LAN interconnectivity complete | September 15, 1996 |

Milestones ahead:

- | | |
|------------------------------|---------|
| • Production and Maintenance | Ongoing |
|------------------------------|---------|

Lan-to-Lan connectivity has been established between AT&T and BellSouth. Lan-to-Lan connectivity can be established between BellSouth and any other local exchange carrier requesting such access.

Pre-ordering Phase I - Transferring Files via Diskette

The Commission in Docket No. 6352-U ordered BellSouth is to provide AT&T by August 15, 1996 as a part of the Phase I implementation, the ability to transfer files of reserved telephone numbers via diskette. The Commission has reaffirmed this requirement as a part of the arbitration proceedings.

Status

This project is complete.

Milestones Accomplished

- | | |
|---------------------------------------|-----------------|
| • Procedures developed and documented | July 11, 1996 |
| • Procedures distributed | August 7, 1996 |
| • Capability generally available | August 15, 1996 |

This service is also available to any other local exchange carrier requesting such service.

Pre-ordering Phase I - Transferring Files Electronically

The Commission in Docket No. 6352-U ordered BellSouth to provide AT&T by October 15, 1996 as part of the Phase I implementation, the ability to electronically transfer files of reserved telephone numbers. The Commission has reaffirmed this requirement as a part of the arbitration proceedings.

Status

Milestones Accomplished

- | | |
|--|--------------------|
| • Requirements analysis and design begun | July 1, 1996 |
| • Requirements analysis complete | July 31, 1996 |
| • Design final | August 9, 1996 |
| • Coding begins | August 12, 1996 |
| • Coding complete | September 30, 1996 |
| • Customer testing started | October 1, 1996 |
| • Customer testing complete | October 14, 1996 |
| • Implemented to Production | October 15, 1996 |

Milestones Ahead

- | | |
|------------------------------|---------|
| • Production and maintenance | Ongoing |
|------------------------------|---------|

The ability to electronically transfer files of reserved telephone numbers is now available to any local exchange carrier requesting such transfer.

Phase II Interactive Pre-ordering and Interactive Direct Entry Ordering

The Commission in Docket No. 6352-U ordered BellSouth to provide AT&T as a part of the Phase II implementation, BellSouth's proposed Phase II solution by December 31, 1996 but no later than April 1, 1997, and that BellSouth is to implement an interactive direct order entry capability to be fully available by March 31, 1997.

On March 31, 1997 the Commission subsequently granted BellSouth an extension of this deadline through April 30, 1997.

Status

The BellSouth Reseller Pre-Order System and the BellSouth Reseller Interactive Direct Order Entry System have been combined into one project and is called the Local Exchange Negotiation System (LENS).

BellSouth conducted a CLEC training program and demonstration of the pre-ordering and ordering interfaces on April 1-3, 1997. More than 150 CLEC representatives attended training sessions that included demonstrations of the interfaces as well as hands on use of the EDI software package and the TAFI system.

Milestones Accomplished:

- | | |
|---|--------------------|
| • Face to face meeting with AT&T | August 23, 1996 |
| • Begin staffing | September 1996 |
| • Provide system hours of operation to AT&T | September 6, 1996 |
| • Provide "white paper" on Web Interface technology to AT&T | September 6, 1996 |
| • Requirements analysis and design begun | September 16, 1996 |
| • AT&T and BellSouth Joint Meeting | October 25, 1996 |
| • Initial Requirements Completed (TN Reservation) | November 4, 1996 |
| • Pre-order requirements completed | December 23, 1996 |
| • Ordering requirements completed | February 12, 1997 |
| • Design Complete | February 28, 1997 |
| • Coding Complete | March 24, 1997 |
| • Began user Friendly Pilot | April 8, 1997 |
| • Unit Testing Complete | April 14, 1997 |