

Exhibit No. ____
Issues:
Witness: Mark Harper
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Party: Sprint Missouri, Inc.
Case No. IO-2003-0281

Before The Public Service Commission

State Of Missouri

**In the Matter of the Investigation)
Competition in the Exchanges of)
Sprint Missouri, Inc.)** **Case No. IO-2003-0281**

DIRECT TESTIMONY

OF

MARK D. HARPER

ON BEHALF OF

SPRINT MISSOURI, INC.

FILED³

APR 25 2003

**Missouri Public
Service Commission**

April 25, 2003

1 INTRODUCTION

2 **Q. Please state your name and business address.**

3 A. My name is Mark D. Harper. My business address is 6450 Sprint Parkway,
4 Overland Park, KS, 66251.

5

6 **Q. By whom are you employed and what are your duties?**

7 A. I am employed by Sprint/United Management Company as Director-State
8 Regulatory. In this position I am responsible for the development and
9 implementation of state regulatory policy and strategy as it pertains to Sprint's
10 operations in fourteen Midwest states including Missouri.

11

12 **Q. Have you previously testified?**

13 A. Yes, I testified in Case Nos. TW-97-333, TO-97-217, TR-93-181, TO-95-289, et
14 al., TC-96-112, TT-96-398, TO-97-253 and T0-98-329 before this Commission
15 and have testified in regulatory proceedings in Kansas and Texas.

16

17 **Q. Please summarize your educational background and relevant work
18 experience?**

19 A. I received a Bachelor of Science degree from Washington State University in
20 Pullman, Washington in 1983. My major was in Business Administration with an
21 emphasis in Finance.

22 From 1983 to 1987, I was employed by the accounting firm of Ernst & Whinney
23 in the Tacoma Telecommunications Group. In this job I provided consulting

1 services to telephone companies in the United States and Puerto Rico. My clients
2 ranged from independent telephone companies with fewer than 1,000 access lines
3 to regional bell operating companies. Services provided included the
4 development of separations and access charge studies, negotiation of pool
5 settlements, review of accounting systems for compliance with state and federal
6 regulations, and the filing and support of rate cases.

7
8 In 1987, I joined United Telecommunications, Inc. (the predecessor to
9 Sprint/United Management Company) as Manager-Cost Allocations. In this job I
10 was responsible for the conformance of costing and access charge systems with
11 Federal Communications Commission (FCC) rules and the preparation and
12 support of the tariff review plan filed with the annual interstate access charge
13 filing for all United LECs.

14
15 In 1988, I was promoted to the position of Director-Pricing and Tariffs. In this
16 job, I was responsible for the development of pricing strategies for existing
17 services and the introduction of new services for the United LECs. I was also
18 responsible the development and communication of policy on intrastate issues.

19 In 1992, I joined United Telephone-Midwest as Director-Revenue for its Missouri
20 operations. In this position, I was responsible for the regulatory relations,
21 exchange carrier relations, pricing, costing and tariffs in the State of Missouri. In
22 1996, my duties were expanded to include Kansas. In January 1999 I began my
23 current position.

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Q. On whose behalf are you testifying?

A. I am testifying on behalf of Sprint Missouri, Inc. (hereafter referred to as “Sprint”).

II. PURPOSE OF TESTIMONY

Q. What is the purpose of your testimony?

A. My purpose is to present Sprint’s position regarding the effective competition that exists for several of Sprint’s statewide service offerings. As a result of this case, those services that are facing effective competition will be granted competitive status. Sprint witness, John R. Idoux, addresses the overall state of competition for Sprint in Missouri and supports the finding of effective competition in specific Sprint exchanges.

Q. If the Commission recognizes that these services are subject to effective competition, what would be the result?

A. Services that are deemed competitive will no longer be subject to the maximum allowable prices under 392.245.4 and 392.245.11 and not be subject to 392.200.4(c)(2). The result will be the ability to lower or raise prices as the company deems appropriate in the competitive environment. Customers will be served through more responsive pricing and ultimately markets are more efficient as pricing moves towards economic costs.

1 **Q. Please summarize the list of services for which Sprint is seeking competitive**
2 **classification on a statewide basis?**

3 Sprint is seeking competitive classification for the following services in all Sprint
4 exchanges. A more detailed listing including tariff references can be found in
5 Schedule JRI-1 attached to John Idoux's Direct Testimony:

6 General Exchange Tariff

- 7
- 8 • Asynchronous Transfer Mode (ATM);
 - 9 • Frame Relay Service;
 - 10 • Private Line Mileage;
 - 11 • Directory Assistance;
 - 12 • National Directory Assistance;
 - 13 • Directory Assistance Call Completion;
 - 14 • Local Operator Assistance;
 - 15 • Custom Calling Service: Speed Calling 8 and Speed Calling 30; and
 - 16 • Centrex – All services.

17 Message Toll Service (MTS) Tariff

18 *All services*

- 19
- 20 • Two Point Service;
 - 21 • Service Charges;
 - 22 • Conference Service;
 - 23 • Special Reserved Charge;
 - 24 • Outside Calling Area;
 - 25 • Sprint Sense Local Toll™;
 - 26 • Business Sense Local Toll™; and
 - 27 • 800-210 Local Toll Calling Plan.

28 Private Line Tariff

29 *All services*

- 30
- 31 • IntraLATA Interexchange Type 102;
 - 32 • Sub-Voice Grade Service Series 200;
 - 33 • Voice Grade Service Series 300 and 400;
 - 34 • Private Line Service;
 - 35 • Signaling; and
 - 36 • Foreign Exchange Service.

37 Wide Area Telephone Service (WATS) Tariff

38 *All services*

- 39
- 800 IntraLATA Access Line;

- 1 • 800 IntraLATA Usage;
- 2 • Outward WATS;
- 3 • Installation; and
- 4 • Opportunity 800™.

5
6 Access Tariff

7 *All Non-Switched or Special Access Services*

- 8 • High Capacity Service;
 - 9 • Voice Grade Service;
 - 10 • Digital Data Service;
 - 11 • Special Access Surcharge;
 - 12 • WATS Access Line Service;
 - 13 • Special Access Term Discount Plan
 - 14 • Additional Engineering;
 - 15 • Additional Labor
 - 16 • Miscellaneous Services (Special Access Related); and
 - 17 • Common Channel Signaling/SS7.
- 18

19 **NOTE:** Sprint is not seeking competitive classification for any switched
20 access service on a statewide basis including common line.
21

22 **Q. The Commission previously addressed the state of competition including**
23 **some services on a statewide basis, for Southwestern Bell Telephone (SWBT)**
24 **in Case No. TO-2001-467 (SWBT Competition Case). How does the list you**
25 **have presented compare to the Commission's conclusions in that case?**

26 A. With a few limited exceptions, the list of services for which Sprint is
27 seeking state-wide competitive classification is consistent with the Order in that
28 the SWBT Competition Case. Sprint's services are functionally equivalent to
29 those of SWBT and face the same types of competitors throughout its territory
30 and therefore should be deemed competitive. Sprint is requesting that the
31 Commission deem Directory Assistance services and Centrex subject to effective
32 competition. Sprint's evidence demonstrates that competition for these services is

1 not linked to the provider of local service and multiple alternatives are available
2 throughout Sprint's territory.

3

4 SECTION II – COMPETITION FOR STATEWIDE SERVICE

5 **Q. What is the purpose of this section of your testimony?**

6 A. I will address each of the services identified above in this section. In addressing
7 whether or not effective competition exists, I will not repeat testimony provided
8 by Mr. Idoux as to what criteria the Commission should apply. Instead, I will cite
9 to facts that I believe address the criteria identified by Mr. Idoux.

10

12

13 MESSAGE TOLL SERVICES (MTS) AND WATS TARIFF

14

15

16 **Q. What services are included in the MTS tariff?**

17 A. The services in the tariff are specifically listed above. This tariff contains what is,
18 in essence, Sprint's intraLATA toll service. These services furnish interexchange
19 telecommunications on a dial basis between points in different local service areas
20 within the same LATA. These services are offered to both residential and
21 business customers.

22

23 **Q. Please summarize why Sprint believes the MTS services are subject to**
24 **effective competition?**

25 A. The basic supporting facts are:

- 1 • Currently, there are at least 586 interexchange carriers (“IXCs”)
2 certified in Missouri to provide intrastate interexchange service. This
3 includes many that offer both intraLATA and interLATA toll service.
- 4 • Sprint began the implementation of intraLATA toll dialing parity in
5 August 1997 and as a result all intraLATA toll providers can offer
6 customers the ability to make intraLATA calls through their carrier of
7 choice without dialing extra digits.
- 8 • There are also several non-traditional forms of competition that
9 contribute to the effective competition in intraLATA services
10 including wireless services, prepaid telephone cards and Internet
11 telephony.
- 12 • The Commission has repeatedly ruled that intraLATA toll services are
13 competitive including the SWBT Competition Docket. Competitive
14 status would place Sprint on a level playing field with its competitors.

15

16 **Q. What types of traditional competition do Sprint MTS, intraLATA Toll**
17 **services face?**

18 A. Currently there are at least 586 IXCs certified to provide intrastate, intraLATA
19 service in Missouri according to the Commission website. A list of IXCs certified
20 in Missouri is attached to my testimony as Schedule MDH-1. The service
21 offerings of these carriers can be found in the tariffs on file with the Commission.
22 CLECs also offer intraLATA toll services either through an affiliated IXC or they
23 may offer customers a choice of interexchange carriers. These competitors are

1 traditional in that they have competed in this marketplace for a long period of time
2 and generally utilize the same access methods. In other words, the services are
3 equivalent and substitutable. The intraLATA toll market includes IXCs that offer
4 both intraLATA and interLATA toll services. Attached as Schedule MDH-2 are
5 samples of advertising and other marketing materials utilized by some of Sprint's
6 competitors. These carriers, and now SWBT, are designated competitive
7 companies providing equivalent and substitutable services and there is no basis for
8 not designating Sprint's intraLATA toll service as competitive as well.

9

10 **Q. Can the IXCs listed on Schedule 1 provide intraLATA toll without customer**
11 **dialing extra digits?**

12 A. Yes. Sprint began the implementation of intraLATA presubscription in August
13 1997 and as a result customers have the ability to reach the IXC of their choice
14 without dialing any extra digits. Therefore, most Sprint customers in Missouri
15 have had this capability for over five years.

16

17 **Q. What type of non-traditional alternative providers offers services that**
18 **compete with intraLATA toll?**

19 The nontraditional providers include wireless service, which offers larger local
20 calling scopes, prepaid phone cards and the internet. Being labeled non-traditional
21 in no sense lessens the competitive impact of these carriers or the appeal to
22 customers. Attached as Schedule MDH-3 are copies of some of the wireless
23 offerings available in Sprint's territories in Missouri. You will note that many of

1 them include unlimited on network long distance as part of the service package.
2 Further, attached to my testimony as Schedule MDH-4 is a copy of some of the
3 prepaid calling card offers available in Sprint's territories in Missouri. Finally,
4 the use of the Internet telephony is growing. The presence of these non-
5 traditional competitors only provides additional support for the Commission's
6 previous conclusion the intraLATA toll services are competitive.

7
8 **Q. What has been the impact of the competition for Sprint's intraLATA toll**
9 **services?**

10 **A.** Since 1999, Sprint's intraLATA toll minutes and revenues have declined 75% and
11 76%, respectively. In December 2002, 52 different carriers were providing
12 intrastate toll services to Sprint's local customers based on access billing.
13 Further, even in Ionia, Sprint's exchange customers used 18 different carriers in
14 that month. This would not include intra-MTA toll minutes carried by wireless
15 carriers or other non-traditional carriers.

16
17 **Q. Has the Commission made any previous rulings whether effective**
18 **competition exists state-wide for intraLATA toll services?**

19 **A.** Yes. In the SWBT Competition Case the Commission stated that "competition
20 has existed in the intraLATA toll market since July 1986, when the Commission
21 authorized intraLATA toll competition." This authorization applied statewide
22 including Sprint's territory. Further, the Commission classified SWBT's
23 intraLATA toll services as competitive in Case No. TO-2001-467. In making this

1 ruling, the Commission noted the clear evidence supporting effective competition,
2 which was essentially the same as the evidence I have put forth above.

3
18 **Q. What should the Commission find with respect to Sprint MTS, intraLATA**
19 **toll service?**

20 A. Based on the evidence presented above and consistent with its past rulings, the
21 Commission should clearly find that Sprint's MTS, intraLATA toll service is
22 subject to effective competition.

23
24 **Q. What services are offered under the Wide Area Telecommunications**
25 **Services (WATS) tariff?**

26 A. WATS services include both 800 Service and Outward WATS, or OUTWATS.
27 800 Service provides for incoming calls to be toll-free for the calling party.
28 OUTWATS provides for outgoing calls to be billed on a usage sensitive basis.

29
30 **Q. What is the basis for Sprint's request to have WATS services deemed**
31 **competitive?**

32 A. While these services may differ from MTS in the method or type of billing, they
33 are both, in the end, methods of calling between local calling areas within a
34 LATA. As such, WATS is also subject to competition from the interexchange
35 carriers certified in Missouri. For example, AT&T's WATS offerings can be
36 found in their PSC MO. NO. 14 tariff and MCI's can be found in M.P.S.C. Tariff
37 NO. 1. As early as 1993, the Commission found that the same services for SWBT

1 were substitutable for IXC service and as such were granted transitionally
2 competitive status. In 1999 the services automatically became classified as
3 competitive. The competitive status was reaffirmed in SWBT Competition Case.
4 Sprint's services are functionally the same as those provided by SWBT as well as
5 those services provided by its IXC competitors and should be deemed
6 competitive.

7
8 **Directory Assistance and Local Operator Assistance Services**

9 **Q. What is the purpose of this section of your testimony?**

10 **A.** Sprint is seeking statewide competitive classification for all Directory Assistance
11 and certain Local Operator Assistance related services, including Directory
12 Assistance, National Directory Assistance and Call Completion Services (herein
13 referred to collectively as "Directory Assistance" or "DA") and Local Operator
14 Assistance Services (or "Operator Services "). The purpose of this section of
15 my testimony is to describe the competitive landscape for Directory Assistance
16 and Local Operator Services and to explain why it is appropriate for the
17 Commission to deem these services as competitive for all of Sprint's Missouri
18 exchanges. As my testimony will clearly demonstrate, there are numerous
19 alternatives for Directory Assistance and Local Operator Services in Sprint's
20 exchanges. Furthermore, Sprint faces effective competition for all of the Directory
21 Assistance and Local Operator services in every Sprint exchange in Missouri.
22 Consequently, it is appropriate for the Commission to deem Directory Assistance
23 and Local Operator Assistance services as competitive services for Sprint.

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Directory Assistance Services

Q. Turning first to the Directory Assistance Services, what specific Directory Assistance services is Sprint seeking to have deemed as competitive services?

A. The following information lists the specific Directory Assistance services and the corresponding references found in Sprint's General Exchange Tariff for the services that Sprint is seeking competitive classification:

Directory Assistance	Tariff Reference
Direct Dialed Call	40.II.C.1.
Via an operator	40.II.C.2.
Billed to 3rd no.; special billing no., or a Telephone Co. calling card	40.II.C.3.
National Directory Assistance	
Charge per call	40.III.C.2.
Directory Assistance Call Completion	
Per call sent non-coin	40.IV.B.3.(a)
Per call sent paid payphone telephone	40.IV.B.3.(b)

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11

Q. Can you please describe these Directory Assistance services?

A. Yes, briefly they can be defined as follows:

1 Directory Assistance: A service furnished upon request by a customer wherein
2 assistance in determining directory listing information in the same local calling
3 area or in the same Home Numbering Plan Area (HNPA) is provided by the
4 Company.

5
6 National Directory Assistance: A service that is provided to customers for the
7 purpose of requesting telephone numbers of individuals or businesses who are
8 located outside the customer's local Directory Assistance local calling service
9 area and outside the customer's Home Numbering Plan Area (HNPA)

10
11 Directory Assistance Call Completion: An optional service that is provided to
12 customers wherein they may have their calls to the requested directory number
13 completed automatically by the Company's Operator Services System. The
14 calling number and the number requested to be completed must be in the same
15 LATA as the customer requesting the service.

16
17 **Q. Has the Commission previously ruled on the competitive status of these**
18 **Directory Assistance Services?**

19 **A.** Yes. In the SWBT Competition Case, the Commission ruled "directory
20 assistance is so closely related to basic local service that it cannot be subject to
21 effective competition where basic local is not subject to effective competition".

22

1 **Q. Given this fact, why then is Sprint seeking competitive classification for**
2 **Directory Assistance in this proceeding?**

3 **A.** Sprint believes that the evidence in that case and in this current case demands a
4 different conclusion. The fundamental question that the Commission must
5 address is whether or not a Sprint Missouri consumer has access to directory
6 assistance services from providers other than Sprint when Sprint retains the
7 customer's basic local service. The answer to this question is clearly "yes" they
8 can, and do. The Commission should carefully evaluate the availability of
9 comparable services from multiple suppliers, the inability of a single provider to
10 determine or control prices, ease and likelihood of market entry by competitors,
11 and substitutability of one provider's service for another's. Every Sprint customer
12 currently has multiple choices for Directory Assistance information. Clearly, in
13 Missouri today, the customer can, and does, have effective competition for
14 Directory Assistance even when the basic local service remains with Sprint.
15 Therefore, the Commission should recognize this fact and find that Directory
16 Assistance is competitive for Sprint.

17

18 **Q. Are there examples of other services that are deemed competitive while at the**
19 **same time the basic phone service remains with the incumbent local**
20 **exchange carrier?**

21 **A.** Yes. A customer can choose a competitive toll provider but still retain Sprint as
22 their basic local service provider. The same is true for the maintenance of inside
23 wire. For voice mail, customers can choose the product offered by their local

1 exchange carrier or choose an alternative provider or purchase their own CPE –
2 all while maintaining Sprint as their primary provider of dial tone service.

3
4 **Q. With respect to Directory Assistance Services, what are specific examples of**
5 **the alternatives available to Sprint's local customers in Missouri?**

6 A. There are numerous alternative providers offering Directory Assistance other than
7 the local exchange provider. With at least 586 interexchange service providers
8 certificated to provide service in the state of Missouri there are many alternative
9 providers. The alternative products offered by these providers are clearly
10 substitutable services, considering both function and price, to Sprint's DA
11 Services. These alternatives include, but are certainly not limited to, the
12 following:

13
14 555-1212 -- Customers wanting to select their long distance provider to
15 provide DA other than Sprint can simply dial 1-area code-555-1212. This
16 call is routed to the customer's toll provider. For example, a Sprint
17 customer in Jefferson City (Jefferson City is a Sprint exchange) seeking
18 local directory assistance can simply dial 1-573-555-1212 to obtain
19 Directory Assistance information from a company other than Sprint. This
20 holds true irrespective of whether or not the end user has Sprint for its
21 basic dial tone service.

22

1 Wireless – Wireless carriers throughout Missouri provide customers with
2 both local and national directory assistance services. Wireless customers
3 typically access their carrier’s Directory Service by dialing 411. Of course,
4 wireless customers can also dial 1-area code-555-1212, as described
5 above, to obtain listing information.

6
7 Internet -- There are numerous companies, including Internet Service
8 Provider (ISP) “Look-Up” services, that are also providing directory
9 listing information via the Internet, and in most cases at no charge to the
10 user. Companies offering Internet Directory Services include the
11 following:

13 AT&T	Google	555-1212.com
14 Switchboard	Infospace	911, Inc.
15 AOL	Whitepages.com	Zip2
16 Verizon	BellSouth	Yahoo!

17
18
19 There are also large data base managers for national and international listings.
20 Please see Schedule MDH-5 for further information regarding alternatives
21 available to Missouri consumers for these services.

1 **Q. Given the multitude of alternatives available to customers in Missouri for**
2 **Directory Assistance, has Sprint experienced a decrease in its own Directory**
3 **Assistance call volumes?**

4 A. Yes. Sprint has experienced a substantial decrease in the number of Directory
5 Assistance calls. Since 1998, the volume of Directory Assistance calls handled by
6 Sprint has declined 36%.

7

8 **Q. What is your conclusion regarding Directory Assistance?**

9 A. Given the vast number of alternative Directory Assistance providers, combined
10 with the dramatic decrease in call volumes experienced by Sprint in Missouri, it is
11 clear that Directory Assistance is currently subject to effective competition in all
12 exchanges throughout Missouri. Furthermore, it is abundantly clear that this
13 vigorous competition is occurring even when the end user remains a Sprint basic
14 customer. Therefore, the Commission should find that Directory Assistance
15 Services are a competitive service for Sprint.

16

17 **Local Operator Services**

18 **Q. With regard to Local Operator Services, can you describe the specific**
19 **services that Sprint is seeking to have the Commission deem as competitive in**
20 **Missouri?**

1 A. Yes. Operator Services refer to those services, using live operators or automated
2 systems that provide customers with various call completion options. Specifically,
3 these services can be defined:

4 Local Operator Assistance: These are services that include
5 Operator assisted call completion services where a customer
6 requires assistance in completing calls. Three classes of Local
7 Operator Services are offered: Dial Station-to-Station Service
8 (Local Measured and Flat Rate), Operator Station-to-Station
9 Service and Person-to-Person Services.

10 Following are the references in Sprint's General Exchange tariff for these services
11 that Sprint is seeking competitive classification on a statewide basis:

12
13

Local Operator Assistance	Tariff Reference
Station-to-Station calls with automatic recording equipment	40.V.B.1.
Station-to-Station calls with operator assistance	40.V.B.2.
Person-to-Person calls	40.V.B.3.

14

15 In general terms, these services include calls for calling card, collect, calls
16 billed to a third number, sent-paid, and person-to-person calling using an
17 operator. An end user customer may utilize these services by dialing "0" or "0 +

1 number” from any telephone. Customers generally make these types of calls when
2 they are away from their home and traveling.

3
4 **Q. Has the Commission previously ruled on the competitive status of these**
5 **particular types of Operator Services?**

6 A. Yes. For Southwestern Bell, in Case No. TO-93-116 the Commission found
7 that these services were transitionally competitive under the terms of 392.370.2
8 RSMo. The Commission extended the initial three-year period for this
9 transitionally competitive status from January 10, 1996 to January 10, 1999. By
10 operation of law, these services became competitively classified for Bell at that
11 time. The Commission confirmed that these services were indeed competitive in
12 the Bell Competition Case (Case No. TO-2001-467)

13
14 **Q. Has the Commission previously found Sprint’s Operator Services to be**
15 **transitionally competitive?**

16 A. No, Sprint has not sought transitionally competitive status for these services in the
17 past in part because of the long arduous process in previous applications. Since
18 this case is for the purpose of determining the extent of effective competition for
19 Sprint’s services, Sprint is now seeking recognition of the competitive status of
20 these services under the provisions of Section 392.245.

21

1 **Q. Is Sprint seeking statewide competitive status for these Operator Services in**
2 **this proceeding?**

3 A. Yes. Just as I have previously described in my testimony regarding Directory
4 Assistance services, consumers in Missouri have multiple alternative choices
5 for Operator Services. As mentioned, there are at least 586 interexchange service
6 providers that can and do provide these types of services. Alternative providers
7 include IXC's, wireless carriers, pay telephone providers and prepaid calling card
8 providers.

9

10 In addition to IXC's such as AT&T and WorldCom, there are numerous other
11 providers of operator services in Missouri, including CLECs and wireless carriers.
12 See Schedule MDH-5 for a description of alternatives that are available to
13 Missouri consumers.

14

15 **Q. Does the list of Local Operator Assistance services for which Sprint is**
16 **seeking statewide competitive classification include all Operator Services**
17 **provided by Sprint?**

18 A. No. Sprint is not seeking statewide competitive classification for the following
19 Operator Services at this time:

20

1. Line Status Verification

21

2. Busy Line Interrupt

1 Sprint includes these two Operator Services in a category defined as Busy
2 Verification Service in its Missouri General Exchange Tariff, Section 40.I.B.1.

3
4 **Q. Please summarize this portion of your testimony.**

5 A. As demonstrated above, Sprint's customers have numerous options for DA and
6 Local Operator Assistance services throughout its service territory that are not
7 linked to Sprint's provision of basic local service. The DA and Local Operator
8 Assistance service available from the alternative providers is functionally
9 equivalent to Sprint's services. There are no substantive barriers to entry or exit
10 in these services and the recognition of the competitive status of these services
11 will allow Sprint to more flexibly respond to competition and deliver greater
12 value to its customers.

13 **Centrex Service**

14 **Q. What is Centrex service?**

15 A. Centrex service is a central office based system that allows business customers to
16 use Sprint's central office technology instead of purchasing their own switching
17 equipment. Centrex service is tariffed in Sprint's General Exchange Tariff and is
18 essentially the same as the Plexar service of SWBT. Centrex service provides
19 basic call processing capabilities as well as many optional features to be ordered
20 by the customer.

21
22 **Q. What types of competition exist for Centrex Service?**

1 A. Business customers have had competitive alternatives for Centrex for over five
2 years. PBX and key system hardware provide a direct substitute that is the
3 functional equivalent of the central office based switching platform. This
4 hardware can be purchased from a multitude of vendors throughout the state.
5 CLECs can offer Centrex-like services either through resale of Sprint's service or
6 through their own facilities.

7

8 **Q. Are competitive alternatives to Centrex only available in exchanges where**
9 **CLECs are competing?**

10 A. No. As stated above, there is a large number of vendors located throughout the
11 state that sell, install and maintain PBX and key system equipment. The most
12 active competitors include SBC, Verizon, Intertel, Siemens, Avaya and Towner
13 Communications. For example, Sprint lost over 4,000 Centrex lines in
14 Warrensburg to a PBX that the customer purchased from Verizon
15 Communications. While there are some customers utilizing CLECs in
16 Warrensburg as far as Sprint is aware all lines utilize resale.

17

18 **Q. How are PBX and Key systems functionally equivalent to Centrex service?**

19 A. These systems replicate many of the features available from the central office in a
20 premises based switch. The premise-based switch manages calls between stations
21 on the premises without utilizing the central office switch and handles calls to and
22 from the public switched network. They provide the same call management
23 functions and many of the same or additional features.

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Q. Is there additional evidence that effective competition exists statewide for Centrex Service?

A. Yes, in 1996 the Missouri Legislature passed SB507 it included revisions to 392.200. Particularly, 392.200.8 allows all carriers to utilize customer specific pricing for central office based switching systems (Centrex). The introduction of this flexibility was designed to allow carriers to more effectively respond to competition and was consistent with the competitive market that existed for Centrex services then and now. The flexibility was available statewide.

Q. What should the Commission do regarding Centrex service?

A. Consistent with the finding of effective competition and the pricing flexibility already allowed under statute, Centrex service should be found to be competitive for Sprint statewide.

DEDICATED SERVICES

Q. What services do you include in this category?

A. In this section I will address ATM and Frame Relay Service as well as the Private Line Mileage service found in the General Exchange Tariff. I will also address all of the services found in the Private Line Tariff and the Special Access and related services found in the Access Tariff. Product descriptions can be found in Sprint's tariffs.

1 **Q. Why have you grouped these services together?**

2 A. All of these services are dedicated in the sense that they provide service
3 originating from a specific location over a specific technology. The services are
4 also based on well-defined industry standards followed by all providers. They
5 each are designed to meet a customers need to transport data, voice or video to a
6 specific point or points. That being said, technology and customer need are ever
7 changing and many customers' required bandwidth needs are continually
8 increasing causing a convergence of service types over time.

9 Each of these services faces competition from essentially the same group of
10 competitors and thus should be addressed together.

11 Finally, this Commission has previously recognized in Case NO. TO-93-116 that
12 these services are substitutable for the services provided by IXCs and recently
13 affirmed in TO-2001-467 that competitive status.

14

15 **Q. What competitors does Sprint face for these dedicated services?**

16 A. The competitors for these services include IXCs such as AT&T, MCI, and Qwest.
17 SWBT's affiliate ASI also competes for these services in Sprint's territory.
18 Network integrators such as IBM also are actively involved in this marketplace.
19 Facilities based CLECs such as Fidelity and Unite provide competing services
20 over their own facilities while other CLECs can utilize resale or UNEs to provide
21 service to their customers. In addition, fiber providers such as DTI (now owned
22 by CenturyTel) and Electric Coops such as Show-me Power have placed fiber
23 through Sprint's territory and lease circuits on these networks directly to

1 customers. In fact, Sprint even purchases facilities from these competitors.
2 Attached as Schedule MDH-6 are the maps and service descriptions for Show-Me
3 Power, Cooperative's Broadband Network, and DTI, each has fiber traversing
4 Sprint's territory and offer like products to the public. Further information about
5 their offerings can be found on the web at www.cbn.coop and
6 www.showmepower.coop/fiber.

7
8 **Q. Do these providers present effective competition?**

9 A. Yes. The products are substitutable between the competitors and Sprint. Sprint is
10 routinely faced with situations where customers are weighing multiple quotes
11 from multiple providers for like products. Within the past year Sprint has lost the
12 right to continue to provision an extensive integrated voice and data network for
13 the State of Missouri to a provider affiliated with SWBT. Also, Sprint has lost
14 several contracts for circuits to connect schools with MORENET to Show-Me
15 Power. The fact that customers are choosing other providers demonstrates the
16 competitive nature of these products as well as their substitutability.

17
18 COMMON CHANNEL SIGNALING/SS7 AND LINE INFORMATION DATA BASE

19 **Q. Please describe SS7 and Line Information Data Base (LIDB) services?**

20 A. The customer for these services is other carriers. SS7 service provides a dedicated
21 two-way signaling path between a customer and Sprint's Signal Transfer Point
22 and provides access to Sprint's SS7 network. SS7 signaling is used to carry the
23 signals and associated information for switched access calls in a path that is

1 separate from the voice call. SS7 is also utilized to access call processing
2 databases such as LIDB, 800 and number portability.

3 LIDB Service provides the customer the ability to query a billing validation
4 database prior to completion of an alternate billed called such as Calling Card,
5 collect and third number billing. The database aids in assuring the call is
6 authorized and billed to the proper party.

7
8 **Q. Does Sprint face effective competition for these services?**

9 A. Yes, Sprint faces competition for both of these services from the SBC subsidiary
10 SNET, Illuminet (now called Verisign) and TSI Telecommunications Services.
11 Each of these carriers has their own nationwide SS7 Network and databases and
12 can provision the services to any carrier. Attached as Schedule MDH-7 is
13 information from each provider's website regarding service offerings. Just as the
14 Commission found in the SWBT Competition Case, effective competition exists
15 for these services in Sprint's territory statewide.

16
17 **SERVICES REPLICATED BY CUSTOMER PREMISES EQUIPMENT**

18 **Q. What services comprise this category?**

19 A. This category is made up of Custom Calling services that are completely
20 replicated by widely available customer premises equipment (CPE). Speed
21 Calling 8 and Speed Calling 30 allow customer to load a speed dialing list
22 utilizing storage in the company's central office.

23

1 **Q. Do these custom calling features face effective competition statewide?**

2 A. Yes, as the Commission has previously found for SWBT's Speed Calling 8 and
3 Speed Calling 30, CPE is widely available from retail outlets throughout the state,
4 which contain features that are functionally equivalent to and substitutable for
5 Sprint's service. Sprint requests that the Commission find that effective
6 competition exists for these features.

7

8 CONCLUSION

9 **Q. Could you please summarize your direct testimony?**

10 A. I have set the rationale for the granting of competitive status for a number of
11 Sprint's services. In particular, the Commission should designate Sprint's MTS,
12 WATS, Operator Services, Private Line, Special Access, ATM, Frame Relay and
13 Speed Dialing services as competitive for all Sprint exchanges based on the
14 evidence of effective competition from numerous carriers and other vendors; and
15 the fact that these services are functionally equivalent to those deemed
16 competitive for SWBT and competitive carriers.

17

18 The Commission should designate Sprint's SS7 and LIDB services as competitive
19 for all Sprint exchanges based on the availability of alternative vendors providing
20 substitutable services consistent with its ruling in the SWBT Competition Case.

21 The Commission should designate Directory Assistance and Centrex services as
22 competitive for all Sprint exchanges based in the availability of alternative
23 services that functionally equivalent throughout Sprint's territory.

1

2 **Q. Does this complete your testimony?**

3 **A. Yes.**

Schedule MDH-1
Mo Certified IXC's

**Missouri Public Commission Service
Utility listing Report**

Date : 04/16/2003

Report as of April 2003 Utility Type : IXC

Company Name	Street/Mailing Address	City	State	Zip	Phone	Toll-Free Number	Fax
1-800-Reconex, Inc.-IXC(Telephone)	2500 Industrial Ave.	Hubbard	Oregon	97032	503-982-5569		
1010 123 Americatel-IXC(Telephone)	4045 N.W. 97th Avenue	Miami	Florida	33178	305-716-8700		
2nd Century Communications Group, Inc.-IXC(Telephone)	P.O. Box 710080	Oak Hill	Virginia	20171	813-935-8866		
360Networks (USA) Inc.-IXC(Telephone)	12202 Airport Way Ste 300	Broomfield	Colorado	80021	303-854-5000		
3U Telecom Inc.-IXC(Telephone)	1802 N Carson Street, Suite 212-2683	Carson City	Nevada	89701	702-260-4399		
A.R.C. Networks, Inc.-IXC(Telephone)	175 Pinelawn Road, Suite 408	Melville	New York	11747	516-951-2500		
Access One, Inc.-IXC(Telephone)	820 W Jackson Blvd. #6	Chicago	Illinois	60607	312-441-1000		
Access Point, Inc.-IXC(Telephone)	16 Hyland Road, Suite D	Greenville	South Carolina	29615	919-851-4838		
AccessLine LD Services, Inc.-IXC(Telephone)	11201 Southeast 8th Street, Suite 200	Bellevue	Washington	98004	206-654-1046		
ACCXX Communications, LLC-IXC(Telephone)	4035 Tampa Road, Suite 6000	Oldsmar	Florida	34677	866-499-0808	800-245-7353	888.800.1360
ACN Communication Services, Inc.-IXC(Telephone)	32991 Hamilton Court	Farmington Hills	Michigan	48334	248-699-3314		
Adelphia Business Solutions Operations, Inc.-IXC(Telephone)	712 North Main Street	Coudersport	Pennsylvania	16915	814-274-9830		814.260.2022
Adelphia Telecommunications, Inc.-IXC(Telephone)	One North Main Street	Coudersport	Pennsylvania	16915	814-274-9830		
Advanced Telecommunication Network, Inc.-IXC(Telephone)	Four Executive Campus, S. 200	Cherry Hill	New Jersey	8002	609-662-8700		
Advantage Telecommunications Corporation-IXC(Telephone)	3001 Aloma Avenue, Suite 304	Winter Park	Florida	32792	407-677-1266		407.677.1557
Advertisnet Internet Services-IXC(Telephone)	#12 Time Square P.O. Box 596	Osage Beach	Missouri	65065	999-999-9999		
Affinity Corporation-IXC(Telephone)	P.O. Box 642	Brookfield	Wisconsin	53008	999-999-9999		
Affinity Network Incorporated-IXC(Telephone)	3660 Wilshire Boulevard, 4th Floor 817 West Peachtree, NW P.O. Box 4569	Los Angeles	California	90010	999-999-9999	888-665-4586	
AGL Networks, LLC-IXC(Telephone)		Atlanta	Georgia	30302	404-584-3548		404.584.3479
Airmex Communications, Inc.-IXC(Telephone)	3000 Executive Pkwy, Suite 230	San Ramon	California	94583	925-327-0400		
AIT, inc.-IXC(Telephone)	529 5th Avenue	New York	New York	10017	212-981-9100		
All-Star Acquisition Corporation-IXC(Telephone)	1151 Seven Locks Road	Potomac	Maryland	20854	301-610-4300		
Allegiance Telecom of Missouri, Inc.-IXC(Telephone)	1919 M. Street, Northwest, Suite 420	Washington	Dist of Columbia *	20036	212-464-1796		
Alliance Group Services, Inc.-IXC(Telephone)	1221 Post Road East	Westport	Connecticut	6880	203-221-8700	800-756-2236	203.221.8705
Allstar Telecom-IXC(Telephone)	223 East De La Guerra So. County Road	Santa Barbara	California	93101	805-899-1962		
Alma Long Distance, L.L.C.-IXC(Telephone)	P.O. Box 206	Alma	Missouri	64001	660-674-2297		

Alternate Communications Technology, Inc.- IXC(Telephone)	1398 N. Shadeland Ave. Ste. 2233	Indianapolis	Indiana	46219	317-358-2200
AlternaTel-IXC(Telephone)	2330 Shawnee Mission Pkwy	Westwood	Kansas	66205	999-999-9999
American Cellular Corp.-IXC(Telephone)	14201 Wireless Way	Okalahoma	Missouri	73134	405-529-8500
American Fiber Systems, Inc.- IXC(Telephone)	100 Meridian Centre, Suite 250	Rochester	New York	14618	585-340-5400
American Long Lines, Inc.-IXC(Telephone)	700 Enterprise Rd. 2nd Floor	Horsham	Pennsylvania	19044	215-442-9050
American Network Exchange, Inc.- IXC(Telephone)	100 W. Lucerne Circle	Orlando	Florida	32801	555-555-5555
American Phone Services Corp.- IXC(Telephone)	308 Maxwell Drive, Suite 100	Alpharetta	Georgia	30004	770-569-1213
American Tel Group, Inc.-IXC(Telephone)	P.O. Box 1072	Albuquerque	New Mexico	87103	999-999-9999
American Telco, Inc.-IXC(Telephone)	2950 North Loop W Ste 1200	Houston	Texas	77092	713-862-2000
American Telecommunications Systems, Inc.-IXC(Telephone)	4450 Belden Vlg St, NW, #602	Canton	Ohio	44718	330-490-2263
AmeriConnect, Inc.-IXC(Telephone)	6750 W. 93rd Street, Suite 110	Overland Park	Kansas	66212	999-999-9999
Ameritel Long Distance, Inc.- IXC(Telephone)	6950 West 56th Street	Mission	Kansas	66202	999-999-9999 800-747-8000
Amerivision Communications, Inc.- IXC(Telephone)	5900 Mosteller Dr. Ste. 1850	Oklahoma City	Oklahoma	73112	405-879-0432
Amnex-American Network Exchange, Inc.- IXC(Telephone)	145 Hugueno St, Ste 401	New Rochelle	New York	10801	999-999-9999
Arizona Telephony Brokers, L.L.C.- IXC(Telephone)	6155 E. Indian School Road, 2nd Floor	Scottsdale	Arizona	85251	999-999-9999 800-410-4435
Arrival Communications, Inc.- IXC(Telephone)	1807 19th St.	Bakersfield	California	93301	415-732-7325
ASC Telecom, Inc.-IXC(Telephone)	6200 Sprint Parkway	Overland Park	Kansas	66251	913-315-9363
Asian American Association- IXC(Telephone)	900 Commerica Bldg.	Kalamazoo	Michigan	49007	616-381-8844
Associated Network Partners, Inc.- IXC(Telephone)	3220 Pleasant Run	Springfield	Illinois	62707	217-698-2860
Association Administrators, Inc.- IXC(Telephone)	180 East Main Street	Smithtown	New York	11787	516-724-9600
At Link Networks, Inc.-IXC(Telephone)	P.O. Box 1029	Broomfield	Colorado	80038	720-890-1400
Atlas Communications and Telephone, Inc.- IXC(Telephone)	P.O. Box 723	Boca Raton	Florida	33429	561-447-4545
Axces, Inc.-IXC(Telephone)	2500 Wilcrest #540	Houston	Texas	77042	713-781-1187 800-256-0554
Axius, Inc. d/b/a Axius Communications- IXC(Telephone)	2300 N. 10th St. 9133 US Highway 60 West	Enid	Oklahoma	73701	580-977-2441
Axon Telecom, L.L.C.-IXC(Telephone)	P.O. Box 409	Sturgis	Kentucky	42459	999-999-9999 800-232-7155
BAK Communications, L.L.C.- IXC(Telephone)	1108 E. 17th Street	Santa Ana	California	92701	714-569-0300
Barry Technology Services, L.L.C.- IXC(Telephone)	4015 Main Street P.O. Box 307	Cassville	Missouri	65625	417-847-2131
BCGI Communications Corp.- IXC(Telephone)	100 Sylvan Road	Woburn	Massachusetts	1801	617-692-7000
Bee Line Long Distance, LLC, d/b/a Hello Telecom-IXC(Telephone)	255 South Orem Blvd.	Orem	Utah	84058	999-999-9999

Bell Atlantic Communications, Inc.- IXC(Telephone)	1320 N. Courthouse Road, 2nd Flr.	Arlington	Virginia	22201 703-974-5128	
Bellsouth Long Distance, Inc.- IXC(Telephone)	400 Perimeter Center Terrace, Suite 400 11921 Freedom Dr.	Atlanta	Georgia	30346 770-352-3000	678.443.3470
Better World Telecom, Inc.-IXC(Telephone)	Ste 550	Reston	Virginia	20190 703-904-4304	703.997.4900
Big Planet, Inc.-IXC(Telephone)	75 West Center Street	Provo	Utah	84601 801-345-7000	
Blackstone Communications Company- IXC(Telephone)	11600 NW 34th Street	Miami	Florida	33178 770-232-9906	
Blue Springs Office Suites-IXC(Telephone)	1300 Northwest Jefferson Court	Blue Springs	Missouri	64015 816-229-1299	
BN1 Telecommunications, Inc.- IXC(Telephone)	One Cascade Plaza, Suite 1350 120 Stewart Street	Akron	Ohio	44308 303-762-4900	
BPS Long Distance-IXC(Telephone)	P.O. Box 550 118 West Main	Bernie	Missouri	63822 573-293-2296 800-785-8631	573.293.2299
Branson Telephone-IXC(Telephone)	Box 1944	Branson	Missouri	65616 417-335-5123	
Broadview Net Plus-IXC(Telephone)	400 Horsham Road, Suite 130	Horsham	Pennsylvania	19044 215-293-8773	215.293.8750
Broadview NP Acquisition Corp.- IXC(Telephone)	400 Horsham Road, Suite 130	Horsham	Pennsylvania	19044 215-293-8773	215.293.8750
Broadwing Communications Services, Inc.- IXC(Telephone)	1122 Capital of Texas Highway South	Austin	Texas	78746 512-742-2647 800-847-5705	512.328.7902
BroadWing Telecommunications Inc.- IXC(Telephone)	1122 Capital of Texas Highway S	Austin	Texas	78746 512-742-2647 800-847-5705	512.328.7902
Buckeye Telesystem-IXC(Telephone)	5566 Southwyck Blvd.	Toledo	Ohio	43614 419-724-9802	
Budget Call Long Distance, Inc.- IXC(Telephone)	1080 Pittsford Victor Road 6901 W. 70th St.	Pittsford	New York	14534 585-218-8537	585.218.8521
Budget Phone, Inc.-IXC(Telephone)	P.O. Box 19360	Shreveport	Louisiana	71129 318-671-5000	318.671.5024
BullsEye Telecom, Inc.-IXC(Telephone)	25900 Greenfield Raod, Suite 330	Oak Park	Michigan	48237 248-784-2515	248.784.2501
Business Discount Plan, Inc.- IXC(Telephone)	1 World Trade Center Ste. 800	Long Beach	California	90831 999-999-9999 800-723-4490	
Business Network Long Distance, Inc.- IXC(Telephone)	29810 Troutdale Scenic Drive	Evergreen	Colorado	80439 800-421-9674 800-421-9739	800.421.9694
Business Network Long Distance, Inc.- IXC(Telephone)	1400 Sixteenth St. Ste 400	Denver	Colorado	80202 800-421-9674	800.421.9694
Business Options, Inc.-IXC(Telephone)	8380 Louisiana Street	Merrillville	Indiana	46410 219-791-9110	
Business Savings Plan-IXC(Telephone)	4 Park Plaza, Suite 800	Irvine	California	92614 800-390-8959	
Buyers United International, Inc.- IXC(Telephone)	14870 South Pony Express Road	Bluffdale	Utah	84070 866-541-0000 800-363-6177	801.619.6761
Buzz Telecom, Corporation-IXC(Telephone)	8380 Louisiana St.	Merryville	Indiana	46410 219-756-5320	219.756.0718
C III Communications Operations, LLC- IXC(Telephone)	701 Pennsylvania Avenue, NW, Suite 900	Washington	Dist of Columbia *	20004 202-661-8711	202.434.7400
C III Communications, LLC-IXC(Telephone)	701 Pennsylvania Avenue, NW, Suite 900 W229 N1433 W. Wood Dr.	Washington	Dist of Columbia *	20004 202-661-8711	202.434.7400
CA Affinity-IXC(Telephone)	Suite 205	Waukesha	Wisconsin	53186 555-555-5555	
Cable & Wireless Global Markets, Inc.- IXC(Telephone)	1919 Gallows Road	Vienna	Virginia	22182 703-760-3594	

Cable & Wireless USA, Inc.-IXC(Telephone)	8219 Leesburg Pike	Vienna	Virginia	22182	202-912-2467	
Cable One, Inc.-IXC(Telephone)	1314 N. Third St. 3rd Flr.	Phoenix	Arizona	85004	602-364-6000	
Call Processing, Inc.-IXC(Telephone)	901 E. 18th Street	Plano	Texas	75074	972-578-1988	
CallAdvantage-IXC(Telephone)	121 S. 17th Street	Mattoon	Illinois	61938	555-555-5555	
Callaway Technology, L.L.C.-IXC(Telephone)	503 Truman Road P.O. Box 250 900 Camarato Drive	Fulton	Missouri	65251	573-642-3326	
Camarato Distributing, Inc.-IXC(Telephone)	P.O. Box 638	Herrin	Illinois	62948	618-988-1556	
Capsule Communications, Inc.-IXC(Telephone)	2 Greenwood Sq-3331 St Rd-#275	Bensalem	Pennsylvania	19020	999-999-9999	
Caribbean Telephone & Telegraph, Inc.-IXC(Telephone)	505 N. Woodward Ave, Ste 3000	Bloomfield Hills	Michigan	48304	999-999-9999	
Cash Back Rebates LD.Com, Inc.-IXC(Telephone)	P.O. Box 803	Marion	Connecticut	6444	999-999-9999	
Casstel Long Distance-IXC(Telephone)	192 West Broadway	Peculiar	Missouri	64078	999-999-9999	
CAT Communications International, Inc.-IXC(Telephone)	3435 Chip Dr. NE P.O. Box 11823	Roanoke	Virginia	24022	540-444-2146	
Cbeyond Communications, LLC-IXC(Telephone)	320 Interstate N Parkway, #300	Atlanta	Georgia	30339	999-999-9999	
Celebrate Communications L.L.C.-IXC(Telephone)	120 S. Central Ave.	Clayton	Missouri	63105	309-797-4274	
Cellular One Long Distance-IXC(Telephone)	3650 131st Ave SE, Suite 400	Bellevue	Washington	98006	425-586-8056	
Central Missouri Telecommunications, Inc.-IXC(Telephone)	PO Box 596	Osage Beach	Missouri	65065	573-317-1805	
CenturyTel Fiber Company II, LLC-IXC(Telephone)	100 CenturyTel Drive	Monroe	Louisiana	71203	318-629-5330	318.629.9324
CenturyTel Long Distance, Inc.-IXC(Telephone)	100 Century Park Drive	Monroe	Louisiana	71203	318-340-5189	
CEO Telecommunications, Inc.-IXC(Telephone)	223 East De La Guerra	Santa Barbara	California	93101	805-963-1619	
CFL, Inc.-IXC(Telephone)	P.O. Box 1550 Highway 129 North	N. Sioux City	South Dakota	57049	402-895-2202	
Chariton Valley L.D. Corp.-IXC(Telephone)	P.O. Box 470	Bucklin	Missouri	64631	999-999-9999	
Cierracom Systems-IXC(Telephone)	4380 Boulder Highway	Las Vegas	Nevada	89121	999-999-9999	
CIMCO Communications, Inc.-IXC(Telephone)	1901 S. Meyers Rd, Ste. 700	Oakbrook Terrace	Illinois	60181	630-691-8080	
Cinergy Communications Company-IXC(Telephone)	1419 West Lloyd Expressway	Evansville	Indiana	47710	812-461-3355 800-599-1000	812.461.3357
Citizens Long Distance Company-IXC(Telephone)	1905 Walnut Street P O Box 737	Higginsville	Missouri	64037	660-584-5500 800-321-4282	660.584.6211
Citizens Telecom -IXC(Telephone)	3 High Ridge Park	Stamford	Connecticut	6905	203-614-5600	203.614.4602
Citizens Telecommunications Company-IXC(Telephone)	3 High Ridge Park 301 East Cental	Stamford	Connecticut	6905	203-614-5600	203.614.4602
City of Springfield, Missouri-IXC(Telephone)	P.O. Box 551	Springfield	Missouri	65801	417-831-8604	
City Utilities of Springfield, MO-IXC(Telephone)	301 E. Capital PO Box 551	Springfield	Missouri	65802	417-831-8795	
Citylink of Kansas City-IXC(Telephone)	3633 Harrison Blvd.	Kansas City	Missouri	64109	816-960-4050	

CityLink of KC-IXC(Telephone)	3633 Harrison Blvd.	Kansas City	Missouri	64109 816-960-4050	
Claricom Networks, Inc.-IXC(Telephone)	2912 Lakeside Drive 2049 Century Park E. Suite 2700	Oklahoma City	Oklahoma	73120 203-882-3700	
Claricom Networks, LLC-IXC(Telephone)	29716 Avenida De Las Banderas	Los Angeles	California	90067 555-555-5555	
Clear Call Telecom, LLC-IXC(Telephone)		Rancho Santa Margari	California	92688 949-766-6190	
Clear Choice Communications-IXC(Telephone)	1600 Viceroy Drive	Dallas	Texas	75235 214-424-1000	214.424.1144
Clear World Communications Corporation-IXC(Telephone)	3601 South Harbor Blvd.	Santa Ana	California	92704 714-445-3900	
Coast International, Inc.-IXC(Telephone)	14303 West 95th Street	Lenexa	Kansas	66215 913-859-9000	
Colorado River Communications Corp.-IXC(Telephone)	4275 E. Sahara Ave. Suite 6	Las Vegas	Nevada	89104 555-555-5555	
Comcast Business Communications, Inc.-IXC(Telephone)	1500 Market Street	Philadelphia	Pennsylvania	19102 215-981-7792	888-205-5000
Comcast Long Distance-IXC(Telephone)	1500 Market Street	Philadelphia	Pennsylvania	19102 407-740-8575	
Comdata Telecommunications Services, Inc.-IXC(Telephone)	5301 Maryland Way	Brentwood	Tennessee	37027 615-370-7565	
Comm/Net Services Corporation-IXC(Telephone)	2301 Ohio Dr.	Plano	Texas	75093 555-555-5555	
Commonwealth Long Distance Company-IXC(Telephone)	105 Carnegie Center	Princeton	New Jersey	8540 555-555-5555	
CommRad.com-IXC(Telephone)	4712 Admiralty Way #598	Marina Del Rey	California	90292 310-380-6887	
Communicate Technological Systems, LLC-IXC(Telephone)	2646 South Loop West, Ste. 660	Houston	Texas	77054 999-999-9999	
Communication Management Systems-IXC(Telephone)	1716 Copper Creek Drive	Plano	Texas	75075 214-737-9021	
Communications Billing, Inc.-IXC(Telephone)	20033 Detroit Road, #202	Rocky River	Ohio	44116 440-356-2501	
Communications Network Corporation-IXC(Telephone)	1 Penn Plaza Ste.4311	New York	New York	10119 555-555-5555	
CommuniGroup of K.C., Inc-IXC(Telephone)	6950 W 56th Street	Mission	Kansas	66202 913-722-6005	800-747-8000 913.722.1336
Commungroup of K.C., Inc.-IXC(Telephone)	6950 West 56th Street	Mission	Kansas	66202 913-722-6005	
Community Telephone Corporation-IXC(Telephone)	8829 Bond Street	Overland Park	Kansas	66214 502-443-6302	
Concert Communications Sales, LLC-IXC(Telephone)	11911 Freedom Drive, 11th Floor	Reston	Virginia	20190 571-203-6813	
Conetco Corporation-IXC(Telephone)	1 Penn Plaza Ste. 4311	New York	New York	10119 555-555-5555	
Connect America Communications, Inc.-IXC(Telephone)	13333 Blanco Rd, Suite 304	San Antonio	Texas	78216 210-492-8200	
ConnectLD, Inc.-IXC(Telephone)	P.O. Box 619	Bryant	Arkansas	72089 501-401-7711	
ConnectAmerica, Inc.-IXC(Telephone)	1842 Centre Point Dr. Ste. 128	Naperville	Illinois	60563 630-505-0005	
ConnectFree-IXC(Telephone)	41 Watchung Plaza, Ste. 106	Montclair,	New Jersey	7042 877-785-3733	
ConnectSouth Communications of Missouri, Inc.-IXC(Telephone)	9600 Great Hills Trail, Suite 250 E	Austin	Texas	78759 512-681-9224	
Consolidated Communications Long Distance-IXC(Telephone)	121 S 17th St.	Mattoon	Illinois	61938 555-555-5555	

Consolidated Communications Public Services Inc.-IXC(Telephone)	121 South 17th Street	Mattoon	Illinois	61938 605-965-9393	
Consolidated Communications Public Services, Inc.-IXC(Telephone)	121 S. 17th Street	Mattoon	Illinois	61938 217-235-3316 800-235-4416	217.234.3119
Consolidated Telecom, Inc.-IXC(Telephone)	1320 Greenway Drive, Suite 450	Irving	Texas	75033 972-239-2182	972.239.2358
Consumer Access-IXC(Telephone)	6300 Richmond Ave. Ste. 303	Houston	Texas	77057 713-626-1661	
Convergia, Inc.-IXC(Telephone)	7901 Skansie Ave., Suite 240	Gig Harbor	Washington	98335 253-851-6700	253.851.6474
Corecomm Missouri, Inc.-IXC(Telephone)	50 Monument Road	Bala Cynwyd	Pennsylvania	19004 610-617-5889	610.668.6286
Corporate Calling Services, Inc.-IXC(Telephone)	3960 Howard Hughes Pkwy 5th fl #5001F	Las Vegas	Nevada	89109 888-299-6618	
Corporate Services Telcom, Inc.-IXC(Telephone)	360 Merrimac Street, Bldg. 5	Lawrence	Massachusetts	8143 978-681-1222	
Covista, Inc.-IXC(Telephone)	150 Clove Road, 8th Floor	Little Falls	New Jersey	7424 999-999-9999 800-805-1000	
Craw-Kan Communication Systems, Inc.-IXC(Telephone)	118 N. Summit P.O. Box 343	Girard	Kansas	66743 999-999-9999	
Crawford Technologies, L.L.C.-IXC(Telephone)	P.O. Box 10	Bourbon	Missouri	65441 573-732-4415	
CRAWFORD TECHNOLOGIES, LLC-IXC(Telephone)	10301 NORTH SERVICE RD PO BOX 10	BOURBON	Missouri	65441 573-732-4415 800-677-2667	573.732.5409
CRG International, Inc.-IXC(Telephone)	7100 Eagle Crest Blvd.	Evansville	Indiana	47715 770-980-0080	
CTC Corp.-IXC(Telephone)	220 Bear Hill Road	Waltham	Massachusetts	2451 781-466-8080 800-883-6000	781.890.1613
CTS Inc.-IXC(Telephone)	9999 Willow Creek Road	San Diego	California	92131 999-999-9999 800-576-7775	
Custom Network Solutions, Inc.-IXC(Telephone)	210 Route 4 East, Suite 102	Paramus	New Jersey	7652 201-845-4555	201.845.5005
Custom Teleconnect, Inc.-IXC(Telephone)	3111 S. Valley View, Suite E-120	Las Vegas	Nevada	89102 702-248-5261	
Cybertel, Communications Corp.-IXC(Telephone)	2820 La Mirada Dr., Ste H	Vista	California	62083 858-646-7410	
Cypress Communications Operating Company, Inc.-IXC(Telephone)	15 Piedmont Center, Suite 100	Atlanta	Georgia	30305 404-869-2500	
Cypress Telecommunications Corporation-IXC(Telephone)	3838 N. Sam Houston Pkwy E Ste. 400	Houston	Texas	77032 281-591-3000	
D.D.D. Calling, Inc.-IXC(Telephone)	6300 Richmond Avenue, Suite 304	Houston	Texas	77057 713-626-1661	
Dancris Telecom, L.L.C.-IXC(Telephone)	6900 E. Camelback Rd., #1003	Scottsdale	Arizona	85251 480-874-2700	
Davidson Telecom, LLC-IXC(Telephone)	19003 Hodestone Mews Court	Davidson	North Carolina	28036 704-895-0234	
DeltaCom Long Distance Services-IXC(Telephone)	113 S. Main Street	Arab	Alabama	35016 555-555-5555	
DeltaCom, Inc.-IXC(Telephone)	113 S. Main St.	Arab	Alabama	35016 555-555-5555	
Dial U.S.A.-IXC(Telephone)	1045 E. Trafficway	Springfield	Missouri	65802 999-999-9999	
Dial-Thru, Inc.-IXC(Telephone)	17383 Sunset Blvd., Suite 350	Pacific Palisades	California	90272 213-627-7599	
Dialaround Enterprises, Inc.-IXC(Telephone)	30-50 Whitestone Expressway, Ste 102	Flushing	New York	11354 718-358-5390	
DIECA Communications, Inc.-IXC(Telephone)	3420 Central Expressway	Santa Clara	California	95051 408-616-6609	408.616.6604
Digital Teleport, Inc.-IXC(Telephone)	14567 N. Outer Forty Rd., Suite 500	Chesterfield	Missouri	63017 314-880-1000	
Dimensions-IXC(Telephone)	12550 Biscayne Boulevard, #703 P.O. Box 11968	Miami	Florida	33181 999-999-9999	
Direct One, L.L.C.-IXC(Telephone)	1820 E. First St., Ste. 440	Santa Ana	California	92711 714-384-7800	
DirectDial USA-IXC(Telephone)	629775 Boyd Acres Road, Suite 2	Bend	Oregon	97701 999-999-9999 800-777-1864	

Discount Network Services, Inc.-IXC(Telephone)	P.O. Box 40659	Detroit	Michigan	48240	999-999-9999	800-860-6001	
Discount Plus-IXC(Telephone)	6053 Hudson Rd., Ste. 110	Woodbury	Minnesota	55125	651-293-0113		
DSLnet Communications, LLC-IXC(Telephone)	545 Long Wharf Drive, 5th Floor	New Haven	Connecticut	6511	203-782-7440		
Eagle Communications Group, Inc.-IXC(Telephone)	142 East 39th Street	New York	Missouri	10016	212-758-3283		212.758.3453
Eagle Telecom, Inc.-IXC(Telephone)	614 S. 8th Street, Suite 335	Philadelphia	Pennsylvania	19147	999-999-9999	800-207-2915	
Eastern Telecommunications Incorporated-IXC(Telephone)	9500 Toledo Way	Irvine	California	92618	516-239-5500		
Easton Telecom Services, Inc.-IXC(Telephone)	460 Herndon Pkwy., Ste. 100	Herndon	Virginia	20170	703-762-5430		
Easton Telecom Services, L.L.C.-IXC(Telephone)	3046 Brecksville Road	Richfield	Ohio	44286	888-222-8122	888-222-8122	303.659.9379
ECG-IXC(Telephone)	312 S.E. Delaware Ave	Bartlesville	Oklahoma	74003	999-999-9999		
Econo-Call, Inc.-IXC(Telephone)	2528 E. Cambridge	Springfield	Missouri	65804	417-882-9245		
Econodial, LLC-IXC(Telephone)	3611 14th Avenue	Brooklyn	New York	11218	718-686-4824		718.686.2567
EGCS-IXC(Telephone)	45 High Street	Nashua	New Hampshire	3060	202-775-7100		
El Paso Networks, L. L. C.-IXC(Telephone)	1001 Louisiana Street 4400 N.E. 77th Avenue	Houston	Texas	77002	713-420-7140		
Electric Lightwave, LLC-IXC(Telephone)	P.O. Box 8905	Vancouver	Washington	98662	801-924-6357		801.924.6363
eMeritus Communications, Inc.-IXC(Telephone)	1600 Viceroy Drive	Dallas	Texas	75235	214-863-8720		
Empire District Industries, Inc.-IXC(Telephone)	602 Joplin Avenue P.O. Box 127	Joplin	Missouri	64802	417-625-5103		
Encompass Communications, L.L.C.-IXC(Telephone)	119 W. Tyler, Suite 260	Longview	Texas	75601	903-323-4500		
Enhanced Communications Group, L.L.C.-IXC(Telephone)	P.O. Box 936	Bartlesville	Oklahoma	74005	918-333-8833		
Enhanced Communications Network, Inc.-IXC(Telephone)	1031 S. Glendora Ave.	West Covina	California	91790	732-544-8844		
Enron Broadband Services, Inc.-IXC(Telephone)	1400 Smith Street	Houston	Texas	77002	999-999-9999		
Entrix Telecom, Inc.-IXC(Telephone)	520 Broad Street	Newark	New Jersey	7102	973-438-1000	800-889-9126	973.438.1455
Epixtar Communications Corp.-IXC(Telephone)	11900 Biscayne Blvd., Suite 262	Miami	Florida	33181	302-503-8600		305.503.8610
EqualNet Corporation-IXC(Telephone)	1250 Wood Branch Park Drive	Houston	Texas	77079	281-529-4600		
Erbia Network, Inc.-IXC(Telephone)	1483 Chain Bridge Rd., Suite 300	McLean	Virginia	22101	703-749-9745		
Everest Connections Corporation-IXC(Telephone)	5555 WingHaven Blvd.	O Fallon	Missouri	63366	636-625-5700		
Evolution Networks Midwest, Inc.-IXC(Telephone)	900 Ashwood Pkwy #400	Atlanta	Georgia	30338	770-353-3570		
Exergy Group, LLC-IXC(Telephone)	1550 W. 84th Street, Suite 50	Hialeah	Florida	33014	305-822-3896		305.822.2919
EZtel Network Services, LLC-IXC(Telephone)	505 Catchings Avenue	Indianola	Mississippi	38751	888-350-2363	800-241-8067	
Federal Transtel, Inc.-IXC(Telephone)	2868 Acton Road, Suite 100	Birmingham	Alabama	35244	999-999-9999	800-933-6600	
Feist Long Distance Service, Inc.-IXC(Telephone)	110 S. Main Street, Suite 1000	Wichita	Kansas	67202	316-833-5252		

FiberNet St. Louis, Inc.-IXC(Telephone)	6929 North Lakewood Avenue	Tulsa	Oklahoma	74117 555-555-5555	
Fibernet, Inc.-IXC(Telephone)	2701 Ocean Park Blvd.	Santa Monica	California	90405 999-999-9999	800-401-0350
Fiberoptic Alternative Systems Technologies-IXC(Telephone)	40 Timber Lane	Arnold	Missouri	63010 555-555-5555	
Fiberpath Technologies, L.L.C.-IXC(Telephone)	2106 Jefferson Street P.O. Box 269	Jefferson City	Missouri	65102 573-634-2454	
Fidelity Long Distance, Inc.-IXC(Telephone)	64 North Clark	Sullivan	Missouri	63080 573-468-1218	431-650-2 573.468.5440
Fidelity Networks, Inc.-IXC(Telephone)	64 North Clark	Sullivan	Missouri	63080 573-468-1218	573.468.5440
Fidelity Telephone Company-IXC(Telephone)	64 N. Clark	Sullivan	Missouri	63080 555-555-5555	
Flat Rate Long Distance, Inc.-IXC(Telephone)	41 Watchung Plaza Ste. 106	Montclair	New Jersey	7042 999-999-9999	800-789-3443
Focal Communications Corporation of Missouri-IXC(Telephone)	200 N. Lasalle Street, Suite 1100	Chicago	Illinois	60601 312-895-8400	
Fonetel-IXC(Telephone)	8801 Conant Street	Hamtramck	Michigan	48211 999-999-9999	
FreedomStarr Communications, Inc.-IXC(Telephone)	8730 Sunset Blvd. #700	West Hollywood	California	90069 310-734-3413	888-499-3500 310.734.5702
Friendship Village of West County-IXC(Telephone)	15201 Olive Blvd.	Chesterfield	Missouri	63017 636-532-1515	
Frontier Communications of America, Inc.-IXC(Telephone)	180 South Clinton Avenue	Rochester	New York	14646 585-777-4610	
Fusion - Trucker Phone-IXC(Telephone)	1801 S. Federal Hwy., Suite 305	Delray Beach	Florida	33483 561-274-8044	
Fusion Telecom-IXC(Telephone)	1415 W. Cypress Creek Rd #220	Fort Lauderdale	Florida	33309 561-541-1392	
Gascosage Electric Cooperative-IXC(Telephone)	PO Drawer G	Dixon	Missouri	65459 573-759-7146	
Gascosage Technologies, L.L.C.-IXC(Telephone)	PO Drawer G	Dixon	Missouri	65459 573-759-7146	
Gates Communications, Inc.-IXC(Telephone)	1100 Olive Way, Ste. 951	Seattle	Washington	98101 678-775-2244	
GE Business Productivity Solutions, Inc.-IXC(Telephone)	6540 Powers Ferry Rd.	Atlanta	Georgia	30339 555-555-5555	
GE Capital Telemanagement Services Corporation-IXC(Telephone)	6540 Powers Ferry Road	Atlanta	Georgia	30339 999-999-9999	
Global Communications Consulting Corp.-IXC(Telephone)	25 Kilmer Drive, Suite 217	Morganville	New Jersey	7751 732-972-7300	
Global Communications Network-IXC(Telephone)	1158 26th Street, PMB 443	Santa Monica	California	90403 407-740-8575	
Global Crest Communications, Inc.-IXC(Telephone)	12550 Biscayne Boulevard, #703	North Miami	Florida	33181 305-891-5668	
Global Crossing North American Networks, Inc.-IXC(Telephone)	1080 Pittsford Victor Road	Pittsford	New York	14534 585-218-8537	585.218.8521
Global Crossing Telecommunications, Inc.-IXC(Telephone)	1080 Pittsford Victor Road	Pittsford	New York	14534 585-218-8537	585.218.8521
Global Internetworking, Inc.-IXC(Telephone)	8605 Westwood Center Drive, Suite 300	Vienna	Virginia	22182 703-442-5500	703.442.5501
Global Tel*Link Corporation-IXC(Telephone)	2609 Cameron Street	Mobile	Alabama	36607 800-489-4500	
Global Telecom Network-IXC(Telephone)	2400 W. Cypress Creek Rd. Ste. 205	Fort Lauderdale	Florida	33309 954-749-5790	

Global TeleLink Services, Inc.- IXC(Telephone)	2810 Spring Road S.E., Suite 106	Atlanta	Georgia	30339	555-555-5555	
Global Time, Inc.-IXC(Telephone)	500 Airport Boulevard, Suite 340	Burlingame	California	94010	650-375-6700	
Glyphics Communications, Inc.- IXC(Telephone)	901 N Brutscher, D 358	Newberg	Oregon	97132	801-558-8149	801.406.0261
Go Solo Technologies, Inc.-IXC(Telephone)	5053 Ocean Boulevard, #54	Sarasota	Florida	34242	888-920-7656	
GoBeam Services, Inc.-IXC(Telephone)	260 N. Wolfe Road	Sunnyvale	California	94086	408-850-6181	
Gold Line Telemanagement, Inc.- IXC(Telephone)	180 W. Beaver Cr. Rd. Richmond	Hill Ont. Canada, L4B 14B			905-709-6922	
Green Hills Communications, Inc.- IXC(Telephone)	7926 N.E. State Route M P O Box 227 1 Cavalier Court	Breckenridge	Missouri	64625	660-644-2000 800-675-1440	660.644.5464
Group Long Distance, Inc.-IXC(Telephone)	P.O. Box 534	Ringoes	New Jersey	8551	215-491-7304	
GST Net, Inc.-IXC(Telephone)	520 SW 6th Avenue, Suite 300	Portland	Oregon	97204	360-906-7100	
GTC Telecom, Inc.-IXC(Telephone)	3151 Airway Avenue, Suite P-3	Costa Mesa	California	92626	714-549-7700	
GTE Card Services Inc.-IXC(Telephone)	1200 Walnut Hill Lane, Suite 2000	Irving	Texas	75038	972-717-8381	
GTE Long Distance-IXC(Telephone)	6665 North Macarthur	Irving	Texas	75039	972-717-8387	
HJN Telecom, Inc.-IXC(Telephone)	3235 Satellite Boulevard, Suite 300	Duluth	Georgia	30096	800-345-2214	
Horizon Telecom, Inc.-IXC(Telephone)	2323 S. Washington Avenue, Suite 210	Titusville	Florida	32780	702-866-2202	
Howell-Oregon Technologies, LLC- IXC(Telephone)	6327 N US 63 P.O. Box 649	West Plains	Missouri	65775	417-468-2615	
I-Link Communications, Inc.- IXC(Telephone)	13751 S. Wadsworth Park Dr., #200 104 Crook Street	Draper	Utah	84020	801-576-5000	801.576.4295
IAMO Long Distance-IXC(Telephone)	P. O. Box 368	Coin	Iowa	51636	712-583-3232	
ICG Telecom Group, Inc.-IXC(Telephone)	161 Inverness Drive West	Englewood	Colorado	80202	303-534-0300	
ICLD-IXC(Telephone)	1415 West Cypress Creek Road #220	Fort Lauderdale	Florida	33309	999-999-9999	
Idealial Corporation-IXC(Telephone)	999 18th Street, Suite 1801	Denver	Colorado	80202	303-534-0300	
IDT America Corp.-IXC(Telephone)	520 Broad Street, 7th Floor Legal	Newark	New Jersey	7102	973-438-4854	
IE Com-IXC(Telephone)	533 Airport Blvd., Ste. 505	Burlingame	California	94010	650-375-6700	
IG2, Inc.-IXC(Telephone)	5018 196th St.	Fresh Meadows	New York	11365	718-261-4424	
ILD-IXC(Telephone)	16200 Addison Road, Suite 100	Addison	Texas	75001	999-999-9999	
Inacom Communications, Inc.- IXC(Telephone)	13010 Morris Rd. 6th Floor	Alpharetta	Georgia	30004	402-758-7826	
Incomnet Communications Corporation- IXC(Telephone)	2801 North Main Street	Irvine	California	92614	714-251-8000	
Independent Network Services- IXC(Telephone)	800 West Flint Street	Chandler	Arizona	85225	999-999-9999	
Inet Interactive Network System, Inc.- IXC(Telephone)	10990 Wilshire Blvd, #16	Los Angeles	California	90024	310-235-3177	
InfoHighway-IXC(Telephone)	175 Pinelawn Rd., Suite 408	Melville	New York	11747	999-999-9999	999.999.9999
Infonet Telecommunications Corporation- IXC(Telephone)	2160 E. Grand Ave.	El Segundo	California	90245	310-335-2600	
Innovative Telecom Corporation- IXC(Telephone)	PO Box 3231	Nashua	New Hampshire	3061	555-555-5555	
Integrated Telecommunications Services, LLC-IXC(Telephone)	516 Cate Avenue	Jonesboro	Arkansas	72401	870-268-8401	870.268.8071
Intelcom, Inc.-IXC(Telephone)	5945 Wilcox Place, Suite B	Dublin	Ohio	43016	614-791-9403	

Intelecall Communications, Inc.-IXC(Telephone)	11900 Biscayne Blvd., Suite 201	Miami	Florida	33181 305-899-9373	305.899.9202
Intelicom International Corporation-IXC(Telephone)	3925 River Crossing Parkway #50	Indianapolis	Indiana	46240 317-594-1100	
Intellicall Operator Services, Inc.-IXC(Telephone)	5000 Sawgrass Village Circle, Suite 30	Ponte Vedra Beach	Florida	32082 904-273-2440	
Intelnet International Corporation-IXC(Telephone)	432 Kelley Drive	West Berlin	New Jersey	8091 999-999-9999	
Inter-tel Netsolutions, Inc.-IXC(Telephone)	1615 S. 52nd Street	Tempe	Arizona	85281 602-302-8989	
Intercounty Tele-Tech, L.L.C.-IXC(Telephone)	102 Maple Avenue PO Box 209	Licking	Missouri	65542 573-674-2211	
International Exchange Communications, Inc.-IXC(Telephone)	500 Airport Boulevard, Suite 340	Burlingame	California	94010 650-375-6700	
International Telecom, Ltd.-IXC(Telephone)	417 2nd Avenue West	Seattle	Washington	98119 206-479-2295	
International Telecommunications Corporation-IXC(Telephone)	101 Convention Center Dr. Suite 1000 1150 Northmeadow Pkwy Suite 118	Las Vegas	Nevada	89109 555-555-5555	
Invision Telecom, Inc.-IXC(Telephone)	Suite 118	Roswell	Georgia	30076 555-555-5555	
Ionex Communications, Inc.-IXC(Telephone)	15305 Dallas Parkway, Suite 1500	Addison	Texas	75001 214-646-2300	
Iowa Network Services, Inc.-IXC(Telephone)	4201 Corporate Drive	West Des Moines	Iowa	50266 515-830-0528	
IP Communications of the Southwest Corporation-IXC(Telephone)	17300 Preston Road, Ste. 300	Dallas	Texas	75252 972-248-8210	
ITC Deltacom-IXC(Telephone)	4092 South Memorial Parkway	Huntsville	Alabama	35802 256-382-3895	
ITC-IXC(Telephone)	701 B. St. Ste. 1450	San Diego	California	92101 555-555-5555	
ITC^Deltacom, Inc.-IXC(Telephone)	4092 S Memorial Parkway	Huntsville	Alabama	35806 256-382-3900	800-239-3000 256.382.3932
ITC^DeltaCom-IXC(Telephone)	4092 South Memorial Parkway	Huntsville	Alabama	35802 800-239-3000	800-239-3000 256.382.3932
ITS Network Services-IXC(Telephone)	7108 Fresno Avenue, Suite 300	Fresno	California	93720 559-447-2100	
Jato Operating Corp.-IXC(Telephone)	6200 South Syracuse Way, Suite 200 500 S. KAMO Drive	Greenwood Village	Colorado	80111 303-483-7221	
K-Powernet, L. L. C.-IXC(Telephone)	P.O. Box 577	Vinita	Oklahoma	74301 918-256-5551	
Kataman Communications, L.L.C.-IXC(Telephone)	7700 Bonhomme, Suite 550	Saint Louis	Missouri	63015 314-863-6699	
KC Fibernet-IXC(Telephone)	1111 Main Street, Suite 300	Kansas City	Missouri	64105 816-472-8888	
KDD America, Inc.-IXC(Telephone)	375 Park Avenue, 7th Floor	New York	New York	10152 888-533-4649	
KDDI America, Inc.-IXC(Telephone)	375 Park Ave. 7th Floor	New York	New York	10152 555-555-5555	
Keen LD, Inc.-IXC(Telephone)	62 1st Street, 4th Floor	San Francisco	California	94105 999-999-9999	
Kiger Telephone & Telephony, LLC-IXC(Telephone)	999 18th Street, Suite 1825 211 South Main	Denver	Colorado	80202 303-313-0801	
Kingdom Long Distance-IXC(Telephone)	P.O. Box 97	Auxvasse	Missouri	65231 573-386-2241	
KLM Long Distance Company-IXC(Telephone)	P. O. Box 30	Rich Hill	Missouri	64779 999-999-9999	
KMC Data, L.L.C.-IXC(Telephone)	1545 Route 206	Bedminster	New Jersey	7921 678-985-6339	678.985.6556
KMC Telecom III, LLC-IXC(Telephone)	1545 Route 206	Bedminster	New Jersey	7921 678-985-6339	678.985.6556
KMC Telecom V, Inc.-IXC(Telephone)	1545 Route 206	Bedminster	New Jersey	7921 678-985-6339	678.985.6556
Knobview Telephone Co.-IXC(Telephone)	982 Piazza Road	St. James	Missouri	65559 573-885-2294	
KR & R Investment Corporation-IXC(Telephone)	16440 Andraes Drive	Chesterfield	Missouri	63005 636-519-7399	

Laclede Technologies, L.L.C.- IXC(Telephone)	P.O. Box M	Lebanon	Missouri	65536 417-532-3164	
Lathrop Long Distance-IXC(Telephone)	1001 Kentucky Street	Princeton	Missouri	64673 999-999-9999	
LCR Telecommunications, L.L.C.- IXC(Telephone)	20439 Mack Avenue	Crosse Pointe Woods	Michigan	48236 313-862-7800	
LD Exchange.Com, Inc.-IXC(Telephone)	2510 North Redhill Avenue, Suite 230	Santa Ana	California	92705 949-622-4566	
LDC Telecommunications, Inc.- IXC(Telephone)	3350 Bushwood Park Drive #265	Tampa	Florida	33618 727-934-3433	
LDMI Telecommunications, Inc.- IXC(Telephone)	8801 Conant Street	Hamtramck	Michigan	48211 313-664-2398 800-825-4545	877.858.5364
LDMI Telecommunications-IXC(Telephone)	8801 Conant Street	Hamtramck	Michigan	48211 999-999-9999	
LDMI Telecommunications-IXC(Telephone)	8801 Conant Street	Hamtramck	Michigan	48211 313-664-2398 800-825-4545	877.858.5364
Le-Ru Long Distance Company- IXC(Telephone)	555 Carter Street				
Least Cost Routing, Inc.-IXC(Telephone)	P.O. Box 147	Stella	Missouri	64867 417-628-3836	
Legacy Long Distance International, Inc.- IXC(Telephone)	1700 Old Meadow Road, 3rd Floor	McLean	Virginia	22102 703-394-5568	
Legends Communications, Inc.- IXC(Telephone)	One World Trade Center, Suite 1100	Long Beach	California	90831 800-577-5534	
Legend Communications Corporation- IXC(Telephone)	2500 Windy Ridge Parkway, Suite365	Atlanta	Georgia	30339 770-956-9900	
Level 3 Communications LLC- IXC(Telephone)	8001 Irvine Center Dr., Ste 1140	Irvine	California	92618 949-753-7000	
LifeLine Communications-IXC(Telephone)	1025 Eldorado Blvd.	Broomfield	Colorado	80021 720-888-8255	
Long Distance America-IXC(Telephone)	5900 Mosteller Drive, Suite 1850	Oklahoma City	Oklahoma	73112 409-879-0432	
Long Distance Billing Services, Inc.- IXC(Telephone)	8001 Irvine Center Drive, Suite 1140	Irvine	California	92618 949-753-7000	949.753.7267
Long Distance Billing-IXC(Telephone)	436 Lynchburg Avenue	Brookneal	Virginia	24528 804-376-1046	
Long Distance Charges, Inc.- IXC(Telephone)	One Technology, Suite J-709				
Long Distance Connect Communications Corporation-IXC(Telephone)	P.O. Box 898	Irvine	California	92618 877-318-1501	714.744.5090
Long Distance Direct Holdings, Inc.- IXC(Telephone)	2 Via Ravenna Court	Henderson	Nevada	89011 714-285-9922	
Long Distance Network Services, Inc.- IXC(Telephone)	711 Westchester Avenue	West Plains	New York	10604 212-459-0800	
Long Distance Wholesale Club, Inc.- IXC(Telephone)	20 Squadron Boulevard, Suite 210	New York City	New York	10956 999-999-9999	
LTS, Inc.-IXC(Telephone)	1315 24th Ave., S.W. Blvd., E	Norman	Oklahoma	73072 555-555-5555	
Main Street Telephone Company- IXC(Telephone)	1401 Wilson Blvd., Ste. 1100	Arlington	Virginia	22209 214-863-8304	
Mark Twain Long Distance, Inc.- IXC(Telephone)	1002 East 12th Street	Joplin	Missouri	64801 417-624-8215	
Matrix Telecom, Inc.-IXC(Telephone)	900 Comerica Building	Kalamazoo	Michigan	49007 616-381-8844	616.349.8525
Maxcom, Inc.-IXC(Telephone)	Highway 6 East				
Maxtel USA, Inc.-IXC(Telephone)	P. O. Box 68	Hurdland	Missouri	63547 816-423-5211	
	2912 Lakeside Drive, Suite 200	Oklahoma City	Oklahoma	73120 817-581-9380	
	1350 Timberlanke Manor Parkway, Suite 501	Chesterfield	Missouri	63017 913-888-2111	
	436 Lynchbury Avenue	Brookneal	Virginia	24528 804-376-1046	

Maxxis Communications, Inc.- IXC(Telephone)	1901 Montreal Road, Suite 108	Tucker	Georgia	30084	770-696-6343	
McCormack-Missouri-IXC(Telephone)	200 College Ave.	Ellington	Missouri	63638	555-555-5555	
McDonald County Long Distance Company- IXC(Telephone)	704 Highway West P. O. Box 286	Pineville	Missouri	64856	999-999-9999	
MCI Worldcom Communications, Inc.- IXC(Telephone)	701 Brazos, Suite 600	Austin	Texas	78701	512-495-6727	
MCI Worldcom Network Services, Inc.- IXC(Telephone)	701 Brazos, Suite 600	Austin	Texas	78701	512-495-6727	
Media Concepts-IXC(Telephone)	15140 Sherwood, Suite 100	Leawood	Kansas	66224	913-897-7898	
Members' Long Distance Advantage- IXC(Telephone)	2 Charlesgate West	Boston	Massachusetts	2215	617-369-1000	
Mercury Long Distance, Inc.- IXC(Telephone)	240 Arch Street, Suite 200	Philadelphia	Pennsylvania	19106	423-280-1733	423.326.1797
Metro Communications Company- IXC(Telephone)	P. O. Box 555	Sullivan	Illinois	61951	999-999-9999	
Metropolitan Fiber Systems of Kansas City, Missouri, In-IXC(Telephone)	701 Brazos, Suite 600	Austin	Texas	78701	512-495-6721	
Metropolitan Fiber Systems of St. Louis, Inc.-IXC(Telephone)	701 Brazos, Suite 600	Austin	Texas	78701	512-495-6721	
Mid-Missouri Telephone Company- IXC(Telephone)	215 Roe Street P.O. Box 38	Pilot Grove	Missouri	65276	660-834-3311	800-892-7073
Midwest Fibernet, Inc.-IXC(Telephone)	121 S 17th St.	Mattoon	Illinois	61938	555-555-5555	660.834.6632
Millennium Group Telemanagement L.L.C.- IXC(Telephone)	165 Bishops Way, Suite 149	Brookfield	Wisconsin	53005	800-282-6943	
Missouri Network Alliance, L.L.C.- IXC(Telephone)	9200 Ward Parkway, Suite 601	Kansas City	Missouri	64114	816-361-8821	
Missouri Telephone Company- IXC(Telephone)	200 E. Walnut Street P.O. Box 878	Columbia	Missouri	65201	555-555-5555	
MITG-IXC(Telephone)	PO Box 400	Jefferson City	Missouri	65102	999-999-9999	
MoKan Communications, Inc.- IXC(Telephone)	112 South Broadway P. O. Box 429	Louisburg	Kansas	66053	913-837-2219	
MTS/Communicall-IXC(Telephone)	13455 Noel Road, Suite 1000	Dallas	Texas	75240	214-851-7851	
MVP Communications, Inc.-IXC(Telephone)	P.O. Box 938	Cape Girardeau	Missouri	63702	999-999-9999	
MWR Fibercom, Inc.-IXC(Telephone)	1868 Craigshire Dr.	St. Louis	Missouri	63146	555-555-5555	
Natel, L.L.C.-IXC(Telephone)	525 Central Park Dr Ste 105	Oklahoma City	Oklahoma	73105	405-858-0003	
National Accounts, Inc.-IXC(Telephone)	267 U. S. Highway 46 East	Denville	New Jersey	7834	973-664-1910	
National Collegiate, Inc.-IXC(Telephone)	3900 Industrial Boulevard, Suite 5	Bloomington	Indiana	47403	812-334-4004	
National Directory Assistance, LLC- IXC(Telephone)	12700 Shelbyville Rd.	Louisville	Kentucky	40243	502-420-9899	
National Directory Assistance, LLC- IXC(Telephone)	12700 Shelbyville Road	Louisville	Kentucky	40243	502-420-9899	
National Telephone Communications, Inc.- IXC(Telephone)	2801 N. Main Street	Irvine	California	92714	555-555-5555	
Nations Broadband, Inc.-IXC(Telephone)	13455 Noel Rd., 10th Floor	Dallas	Texas	75240	555-555-5555	
Nations Tel.-IXC(Telephone)	13455 Noel Road, Suite 1000	Dallas	Texas	75240	972-851-7851	
NECC Telecom, Inc.-IXC(Telephone)	1209 Windmill Lane	Jeffersonville	Indiana	47130	812-284-2819	812.280.8712
Net One International, Inc.-IXC(Telephone)	4037 Metric Drive	Winter Park	Florida	32792	407-384-4200	
NeTel, Inc.-IXC(Telephone)	1028 Northwest 163rd Drive	Miami	Florida	33169	954-776-9100	

NetLojix Telecom, Inc.-IXC(Telephone)	501 Bath Street	Santa Barbara	California	93101 805-884-6300	
Nettronix, Inc.-IXC(Telephone)	2825 East Cottonwood Parkway, Suite 500	Salt Lake City	Utah	84121 801-597-4397	
Network Billing Systems, L.L.C.-IXC(Telephone)	7100 Eagle Crest Boulevard, Suite B	Evansville	Indiana	47715 973-256-2020	
Network Communications International Corp.-IXC(Telephone)	1809 Judson Road	Longview	Texas	75605 903-757-4455	
Network Enhanced Technologies, Inc.-IXC(Telephone)	12340 Santa Monica Blvd., Room 300	Los Angeles	California	90025 555-555-5555	
Network Long Distance, Inc.-IXC(Telephone)	3844 Convention St.	Baton Rouge	Louisiana	70806 555-555-5555	
Network One-IXC(Telephone)	7100 Eagle Crest Blvd.	Evansville	Indiana	47715	
Network Operator Services, Inc.-IXC(Telephone)	119 West Tyler Street, Suite 260	Longview	Texas	75601 903-323-4533	
Network Plus, Inc.-IXC(Telephone)	41 Pacella Park Drive	Randolph	Massachusetts	2368 999-999-9999	
Network Services Inc.-IXC(Telephone)	1315 24th Ave., S.W. Blvd., E	Norman	Oklahoma	73072 555-555-5555	
Network US, Inc.-IXC(Telephone)	W229 N1433 Westwood Drive, Suite 205	Waukesha	Wisconsin	53186 262-513-3158	
Network Utilization Services-IXC(Telephone)	328 Commonwealth Avenue	Boston	Massachusetts	2115 617-578-0874	
NetworkIP, L.L.C.-IXC(Telephone)	119 West Tyler Street, Suite 168	Longview	Texas	75601 903-323-4500	
New Century Telecom, Inc.-IXC(Telephone)	P.O. Box 11286	McLean	Virginia	22102 999-999-9999	
New Concept Communications, LLC-IXC(Telephone)	10960 Wilshire Blvd. Ste. 1000	Los Angeles	California	90024 555-555-5555	
New Edge Networks-IXC(Telephone)	3000 Columbia House Boulevard, Suite 106	Vancouver	Washington	98661 360-693-9009	
New York Phone Card, Inc.-IXC(Telephone)	30-60 Whitestone Expressway	Whitestone	New York	11354 718-939-9000	
Nextel Long Distance-IXC(Telephone)	2001 Edmund Halley Drive	Reston	Virginia	20191 703-433-4000	
Nextel West Corporation-IXC(Telephone)	2003 Edmund Halley Drive	Reston	Virginia	20191 999-999-9999	
NobelTel, LLC-IXC(Telephone)	5759 Fleet Street	Carlsbad	California	92008 760-405-0105	800-986-6235 760.930.2592
Norlight Telecommunications, Inc.-IXC(Telephone)	275 North Corporate Drive	Brookfield	Wisconsin	53045 999-999-9999	
Norstan Network Services, Inc.-IXC(Telephone)	5101 Shady Oak Road	Minnetonka	Minnesota	55353 612-352-4000	
Norstar Communications-IXC(Telephone)	P.O. Box 50936	Irvine	California	92619 555-555-5555	
North American Telephone Network, L.L.C.-IXC(Telephone)	4151 Ashford-Dunwoody, Suite 675	Atlanta	Georgia	30319 404-255-9999	
North By NortheastCom LLC-IXC(Telephone)	8 California Street, Suite 701	San Francisco	California	94111 415-291-8661	
Northeast Missouri Long Distance, L.L.C.-IXC(Telephone)	718 South West Street	Green City	Missouri	63545 660-874-4111	
Northeast Missouri Long Distance-IXC(Telephone)	718 South West Street	Green City	Missouri	63545 660-874-4111	660.874.4100
NOS Communications, Inc.-IXC(Telephone)	4380 Boulder Highway	Las Vegas	Nevada	89121 301-564-0200	
NOSVA Limited Partnership-IXC(Telephone)	4380 Boulder Highway	Las Vegas	Nevada	89121 301-564-5555	
Nova Telecom, Inc.-IXC(Telephone)	842 South Second Street, Suite 355	Philadelphia	Pennsylvania	19147 215-351-0120	

Ntera, Inc.-IXC(Telephone)	2020 Northwest 163rd Drive	Miami	Florida	33169	305-914-3364	
NUI Telecom, Inc.-IXC(Telephone)	202-206 Route 550	Bedminster	New Jersey	7921	678-775-2244	
NuVox Communications of Missouri, Inc.-IXC(Telephone)	16090 Swingley Ridge Road, Ste. 500	Chesterfield	Missouri	63017	636-537-5700	
OCCMC, Inc.-IXC(Telephone)	801 Congressional Boulevard	Carmel	Indiana	46032	317-843-1300	317.580.7471
Office Depot Communications-IXC(Telephone)	One Maritime Plaza Ste. 2525 1250 Wood Branch Park Dr. 6th Floor	San Francisco	California	94104	555-555-5555	
Omniplex-IXC(Telephone)		Houston	Texas	77079	281-529-4030	
Oncor Communications, Inc.-IXC(Telephone)	3530 Forest Lane, Suite 200	Dallas	Texas	75234	214-902-3623	214.902.3648
One Call Communications, Inc.-IXC(Telephone)	801 Congressional Boulevard	Carmel	Indiana	46032	317-843-1300	
Onestar Long Distance, Inc.-IXC(Telephone)	7100 Eagle Crest Boulevard, Suite B	Evansville	Indiana	47715	812-437-7792	
Onfiber Carrier Services, Inc.-IXC(Telephone)	11921 North Mopac Expressway, Suite 100	Austin	Texas	78759	303-729-3150	
Operator Service Company-IXC(Telephone)	5302 Avenue Q	Lubbock	Texas	79412	806-747-2474	
Opex Communications, Inc.-IXC(Telephone)	900 Comerica Building	Kalamazoo	Michigan	49007	616-381-8844	
Optical Telephone Corporation-IXC(Telephone)	600 Boulevard South #104	Huntsville	Alabama	35802	866-318-5480	
Oregon Farmers Mutual Long Distance, Inc.-IXC(Telephone)	118 East Nodaway P. O. Box 227	Oregon	Missouri	64473	999-999-9999	
Osage Valley Technologies, L.L.C.-IXC(Telephone)	1321 N. Orange PO Box 151	Butler	Missouri	64730	555-555-5555	
Osage Valley Technologies, L.L.C.-IXC(Telephone)	1321 North Orange P. O. Box 151	Butler	Missouri	64730	660-679-3131	
Overlook Communications International Corp.-IXC(Telephone)	1325 N. Meadow Pkwy Ste. 110	Roswell	Georgia	30096	800-827-7561	
Ozark Telecom of Arkansas, Inc.-IXC(Telephone)	1115 Mill Street	Camden	South Carolina	29020	803-425-4001	
Ozark Telecom, Inc.-IXC(Telephone)	1115 Mill Street	Camden	South Carolina	29020	803-425-4001	
PaeTec Communications, Inc.-IXC(Telephone)	600 Willowbrook Office Park One PaeTec Plaza	Fairport	New York	14450	585-340-2528	
PF.Net Network Services Corp.-IXC(Telephone)	2941 Fairview Park Drive	Falls Church	Virginia	22042	703-564-7200	703.564.7444
Phone Debit Systems, Inc.-IXC(Telephone)	P.O. Box 742706	Dallas	Texas	75374	972-250-0383	
Popp Telcom Incorporated-IXC(Telephone)	620 Mendelsohn Avenue North	Golden Valley	Minnesota	55427	763-797-7952	
Powercom Corporation-IXC(Telephone)	1807 North Center Street	Beaver Dam	Wisconsin	53916	920-887-3148	
Preferred Carrier Services, Inc.-IXC(Telephone)	14681 Midway Road, Suite 105	Addison	Texas	75001	972-503-3388	
Preferred/Telecom, Inc.-IXC(Telephone)	7309 East 21st Street N	Wichita	Kansas	67226	800-377-6308	
Premiere Communications, Inc.-IXC(Telephone)	3399 Peachtree Road, NE, Suite 700	Atlanta	Georgia	30326	404-262-8400	
Pride America, Inc.-IXC(Telephone)	240 North Washington Boulevard, Floor 7	Sarasota	Florida	34236	941-924-5096	
Prime Link Long Distance, Inc.-IXC(Telephone)	1000 W. Nifong Blvd. #1	Columbia	Missouri	65203	573-443-1011	

Primus Telecommunications, Inc.- IXC(Telephone)	1700 Old Meadow Road, 3rd Floor	McLean	Virginia	22102 703-391-5568	
Promise-Net International, Ltd.- IXC(Telephone)	7901 Skansie Avenue, Suite 240	Gig Harbor	Washington	98335 253-851-6700	
PromiseVision Technology, Inc.- IXC(Telephone)	3140 West Britton Road #200	Oklahoma City	Oklahoma	73120 405-751-7411	
Pronto!-IXC(Telephone)	5500 Frantz Road	Dublin	Ohio	43017 614-789-8500	614.789.8999
PSP Marketing Group, Inc.-IXC(Telephone)	5135 Galaxie Drive Ste. 205	Jackson	Mississippi	39206 601-981-4861	
PT-1 Communications, Inc.-IXC(Telephone)	30-50 Whitestone Expressway	Flushing	New York	11354 999-999-9999	
PTT Telekom, Inc.-IXC(Telephone)	1000 North Orlando Avenue	Winter Park	Florida	32789 407-648-5300	
Public Communications Services, Inc.- IXC(Telephone)	11859 Wilshire Boulevard, Suite 600	Los Angeles	California	90025 310-473-6222	
QTI, Inc.-IXC(Telephone)	6322 S. 3000 East	Salt Lake City	Utah	84121 404-209-0945	
QuantumShift Communications, Inc.- IXC(Telephone)	88 Rowland Way	Novato	California	94945 415-893-7180	
Quick Tel, Inc.-IXC(Telephone)	3822 Ironwood Place	Landover	Maryland	20785 301-773-7522	
QX Telecom, LLC-IXC(Telephone)	230 5th Avenue, Suite 800	New York	New York	10001 212-689-9094	
R Network-IXC(Telephone)	2540 Fortune Way	Vista	California	92083 760-599-1920	
Radiant Telecom, Inc.-IXC(Telephone)	1020 NW 163 Drive	Miami	Florida	33169 305-914-3434	305.914.3435
RDST, Inc.-IXC(Telephone)	8100 Jetstar Drive, Ste. 100	Irving	Texas	75063 972-929-1920	972.929.1036
Reduced Rate Long Distance, L.L.C.- IXC(Telephone)	480 Fentress Blvd., Suite M	Daytona Beach	Florida	32114 386-258-1701	
Reliant Communications, Inc.- IXC(Telephone)	801 International Parkway, 5th Floor	Lake Mary	Florida	32746 999-999-9999	
Residential Group, The-IXC(Telephone)	2011 North Racine Avenue #1	Chicago	Illinois	60614 999-999-9999	
Resort Operator Services-IXC(Telephone)	62975 Boyd Acres Road, Suite 2	Bend	Oregon	97701 800-777-1864	
Ridley Telephone Company, L.L.C.- IXC(Telephone)	151 South Rose Street, Suite 900 P. O. Box 147	Kalamazoo	Michigan	49007 999-999-9999 888-328-5407	
Rock Port Long Distance-IXC(Telephone)	107 Opp Street	Rock Port	Missouri	64482 660-744-5311	
RSL Com U.S.A., Inc.-IXC(Telephone)	2099 Pennsylvania Avenue, Northwest #100 805 Central Expressway	Washington	Dist of Columbia *	20006 202-828-1889	
Sage Telecom, Inc.-IXC(Telephone)	Suite 100	Allen	Texas	75013 214-495-4847	
SBA Broadband Services, Inc.- IXC(Telephone)	5900 Northwest Broken Sound Parkway	Boca Raton	Florida	33480 561-995-7670	
SBC Advanced Solutions, Inc.- IXC(Telephone)	1010 N. St. Mary's St. # 13-M	San Antonio	Texas	78215 210-886-5110	210.246.8993
SBC Long Distance-IXC(Telephone)	5850 West Las Positas Boulevard	Pleasanton	California	94588 925-468-5128	
Se-Ma-No Technologies, L.L.C.- IXC(Telephone)	601 North Business 60 Highway P. O. Box 318	Mansfield	Missouri	65704 417-924-3291	
Secured Technologies, L.C.- IXC(Telephone)	1418 Bitters Road, Suite 2	San Antonio	Texas	78216 210-499-0800	
Shared Communications Services, Inc.- IXC(Telephone)	3723 Fairview Industrial Dr. SE	Salem	Oregon	97302 503-316-4452	
Sho-Me Technologies, L.L.C.- IXC(Telephone)	301 West Jackson P.O. Box D	Marshfield	Missouri	65706 417-468-2615	
Siesta Telecom, Inc.-IXC(Telephone)	P. O. Box 50081	Sarasota	Florida	34232 941-342-1712	

SmarTalk Teleservices, Inc.- IXC(Telephone)	5500 Frantz Road	Dublin	Ohio	43017 614-789-8500	614.789.8999
SmartShop, Inc.-IXC(Telephone)	921 Southwest Washington Street #210 1113 S. Main	Portland	Oregon	97205 503-672-5160	
SOEC Technologies, LLC-IXC(Telephone)	P.O. Box 111	El Dorado Springs	Missouri	64744 417-876-2721	417.876.5368
Sonix4U, Inc.-IXC(Telephone)	32500 Concord Dr. #284	Madison HTS	Michigan	48071 248-588-0840	
Southwest Communications, Inc.- IXC(Telephone)	4100 North Mulberry Drive, Suite 100	Kansas City	Missouri	64116 816-298-4100	
Southwest Fiber Communications, LLC- IXC(Telephone)	1023 South Springfield P. O. Box 150	Bolivar	Missouri	65613 417-326-5244	
Southwestern Bell Communications Services, Inc.-IXC(Telephone)	5850 West Las Positas Blvd	Pleasanton	California	94588 925-468-5923	
Southwestern Bell Communications Services, Incorp-IXC(Telephone)	5850 West Las Positas Blvd	Pleasanton	California	94588 925-468-5923	
Southwestern Bell Long Distance- IXC(Telephone)	5850 West Las Positas Boulevard	Pleasanton	California	94588 925-468-5259	
Special Accounts Billing Group, Inc.- IXC(Telephone)	900 Comerica Building	Kalamazoo	Michigan	49007 616-349-8525	
Sprint Communications Company, L.P.- IXC(Telephone)	6200 Sprint Parkway	Overland Park	Kansas	66251 913-315-9363 800-877-4020	913.523.9769
St. Andrews Telecommunications, L.L.C.- IXC(Telephone)	1915 West 24th Street P.O. Box 3250	Lawrence	Kansas	66046 785-832-2121	
St. Joseph Cablevision-IXC(Telephone)	825 Edmond Street	St. Joseph	Missouri	64501 816-271-8500	
Starlink Communications, LLC- IXC(Telephone)	1000 Marina Boulevard, Suite 600	Brisbane	California	94005 650-869-3850	
Starpower Communications, LLC- IXC(Telephone)	1000 Derekwood Ln	Lanham	Maryland	20706 202-955-7960	
Startec Global Licensing Company- IXC(Telephone)	10411 Motor City Drive, Suite 301	Bethesda	Maryland	20817 301-365-8959	
Steelville Long Distance, Inc.- IXC(Telephone)	61 East Highway 8	Steelville	Missouri	65565 999-999-9999	
STI Merger Co.-IXC(Telephone)	945 East Paces Ferry Road, #2210	Atlanta	Georgia	30326 404-261-6190	
StormTel, Inc.-IXC(Telephone)	4403 S. E. 16th Place Suite #1	Cape Coral	Florida	33904 616-381-8844	
Stouffer Communications, Inc.- IXC(Telephone)	P.O. Box 200	Granby	Missouri	64844 999-999-9999	
T & T Communications, LLC- IXC(Telephone)	4119 Upton Court	St. Louis	Missouri	63116 314-409-6435	
T-Netix Internet Services, Inc.- IXC(Telephone)	P.O. Box 701028	Dallas	Texas	75370 999-999-9999	
T-Netix Telecommunications Services, Inc.- IXC(Telephone)	2155 Chenault Drive, Suite 410	Carrollton	Texas	75006 972-241-1535	972.241.1537
T-Netix, Inc.-IXC(Telephone)	67 Inverness Drive East, Suite 100	Englewood	Colorado	80112 303-790-9111	
T.N.C., Inc.-IXC(Telephone)	7310 Woolworth Ave.	Omaha	Nebraska	68124 970-547-8165	
Talk America, Inc.-IXC(Telephone)	6805 Route 202	New Hope	Pennsylvania	18938 407-313-1353	
TalkNow, Inc.-IXC(Telephone)	9775 Business Park Avenue	San Diego	California	92131 800-576-7775	
TDI Communications, Inc.-IXC(Telephone)	322 East 50th Street	New York	New York	10022 212-588-1180	
TDS Long Distance Corporation- IXC(Telephone)	525 Junction Road	Madison	Wisconsin	53717 999-999-9999	
Tel Com Plus-IXC(Telephone)	5251 110th Avenue North, Suite 118	Clearwater	Florida	33760 727-572-7832	
Telco Partners, Inc.-IXC(Telephone)	900 Comerica Building	Kalamazoo	Michigan	49007 616-381-8844	616.349.8525

Telecare, Inc.-IXC(Telephone)	444 Lafayette Road	Noblesville	Indiana	46060 317-776-7654	
Telecents Communications, Inc.-IXC(Telephone)	8615 Richardson Road, Suite 200	Walled Lake	Michigan	48390 248-366-7777	
Telecommunications Resources, Inc.-IXC(Telephone)	8 Victory Lane, Suite 200	Liberty	Missouri	64068 816-792-0417	
TeleComp Communications-IXC(Telephone)	120 North Green Street #36	Chicago	Illinois	60607 630-245-1920	
Teleconnect Company-IXC(Telephone)	500 Second Avenue	Cedar Rapids	Iowa	52401 999-999-9999	
Teleconnect Long Distance Services & Systems Company-IXC(Telephone)	701 Brazos, Suite 600	Austin	Texas	78701 512-495-6721	
Telafyne Inc.-IXC(Telephone)	4286 Woodbine Road, Suite B	Pace	Florida	82571 850-995-8807	
Telegenius, Inc.-IXC(Telephone)	2901 Ridgelake Drive, Suite 212	Metairie	Louisiana	70002 504-831-5090	
Teleglobe USA LLC (Missouri)-IXC(Telephone)	11495 Commerce Park Drive Montreal (Quebec)	Reston	Virginia	20191 703-755-2430	703.755.2619
Teleglobe USA LLC-IXC(Telephone)	1000 rue de La Gauchetiere O. Montreal, Quebec	Canada H3B 4X5		703-755-2430	703.755.2619
Teleglobe USA, Inc.-IXC(Telephone)	1000 rue de La Gauchetiere O.	Canada H3B 4X5		514-868-7788	
Telenational Communications Limited Partnership-IXC(Telephone)	105 E. Adams St., Bldg. II, Ste. 200	LaGrange	Kentucky	40031 402-392-1110	
Telepacific Communications-IXC(Telephone)	515 South Flower Street, 49th Floor	Los Angeles	California	90071 213-213-3000	888-353-7224
Telephone Co., Inc.-IXC(Telephone)	One Tealwood Drive	St. Louis	Missouri	63141 314-303-7739	
Telephone Company of Central Florida, Inc.-IXC(Telephone)	3599 West Lake Mary Blvd., Suite E	Lake Mary	Florida	32746 407-942-1234	877.455.7928
TelePlus, Inc.-IXC(Telephone)	107 Dove Crest Drive	Boerne	Texas	78006 999-999-9999	
Telicor, Inc.-IXC(Telephone)	100 West Harrison, Suite S200	Seattle	Washington	98119 206-436-9700	
Teligent Services, Inc.-IXC(Telephone)	460 Herndon, Parkway, Suite 100	Herndon	Virginia	20170 703-326-4496	703.326.4497
Telliss, LLC-IXC(Telephone)	10142 Brook's School Road, Suite 198	Fishers	Indiana	46038 999-999-9999	
Telmex USA, L.L.C.-IXC(Telephone)	9444 Farnham Street, Suite 200	San Diego	California	92123 858-505-3900	
The Free Network, L. L. C.-IXC(Telephone)	1607 East Big Beaver Road, Suite 105	Troy	Michigan	48083 248-526-1000	
The Furst Group, Inc.-IXC(Telephone)	459 Oakshade Road	Shamong	New Jersey	8088 609-268-8000	
The I.T. Group-IXC(Telephone)	5135 Galaxie Drive Ste. 205	Jackson	Mississippi	39206 601-981-4861	
The Pager Company d/b/a The Pager & Phone Company-IXC(Telephone)	3030 East Truman Road	Kansas City	Missouri	64127 999-999-9999	
Time Warner Cable-IXC(Telephone)	6550 Winchester Avenue 601 Pennsylvania Ave., N.W.	Kansas City	Missouri	64133 999-999-9999	
TLGB Corporation-IXC(Telephone)	North Building, 10th floor	Washington	Dist of Columbia *	20004	202.756.3333
TMD Telecommunications-IXC(Telephone)	16111 E. Cogan Ln.	Independence	Missouri	64050 816-833-5138	877-235-4885
TON Services, Inc.-IXC(Telephone)	4185 Harrison Boulevard, Suite 301	Ogden	Utah	84403 801-334-4500	
Total Call International, Inc.-IXC(Telephone)	707 Willshire Blvd	Los Angeles	California	90017 213-437-0400	
Total Communication Services, Inc.-IXC(Telephone)	9601 Jones Road, # 240	Houston	Texas	77065 866-912-6555	
Total-Tel USA Communications, Inc.-IXC(Telephone)	1720 Windward Concourse, Suite 250	Alpharetta	Georgia	30005 678-775-2244	678.776.2254
Touch 1 Communications, Inc.-IXC(Telephone)	100 Brookwood Road	Atmore	Alabama	36502 251-368-8600	
Touch America Inc.-IXC(Telephone)	1315 North Main Street	Helena	Montana	59601 406-442-9194	

Tralee Telephone Company, L.L.C.- IXC(Telephone)	151 S. Rose St., Ste. 900	Kalamazoo	Michigan	49007	888-328-5407		
Trans National Communications International, Inc.-IXC(Telephone)	2 Charlesgate West	Boston	Massachusetts	2215	617-369-1000		
Transcom Communications, Inc.- IXC(Telephone)	1925 W. John Carpenter Freeway, Suite 500	Irving	Texas	75063	972-830-3240	800-710-3965	972.889.2863
Transcommunications Inc.-IXC(Telephone)	6125 Preservation Drive	Chattanooga	Tennessee	37416	423-553-5200		
TransNet Connect, Inc.-IXC(Telephone)	1413 South Howard Avenue, Suite 209	Tampa	Florida	33606	813-254-8726		
Transpoint Communications- IXC(Telephone)	28118 Agoura Road, Suite 201	Agoura Hills	California	91301	818-879-6000		
TransWorld Network, Corp.-IXC(Telephone)	7702 Woodland Center Boulevard, Suite 50	Tampa	Florida	33614	813-890-2207		813.496.8904
Triax Telecom, Inc.-IXC(Telephone)	100 Fillmore Street, Suite 600	Denver	Colorado	80206	999-999-9999		
TRINetwork, Inc.-IXC(Telephone)	1950 Stemmons Freeway, Suite 4033	Dallas	Texas	75207	214-760-9700		
TTI National, Inc.-IXC(Telephone)	701 Brazos, Suite 600	Austin	Texas	78701	512-495-6721		
Twister Communications Network, Inc.- IXC(Telephone)	5851 San Felipe Street, Suite 950	Houston	Texas	77057	999-999-9999		
U.S. Net, Inc.-IXC(Telephone)	333 Park Central East, Suite 926	Springfield	Missouri	65806	999-999-9999		
U.S. Network Services, Inc.-IXC(Telephone)	2722 Eastlake Avenue East	Seattle	Washington	89102	206-505-5500		
U.S. Republic Communications, Inc.- IXC(Telephone)	1600 Viceroy	Dallas	Texas	75235	214-424-1513		
U.S. South Communications, Inc.- IXC(Telephone)	250 Williams St. Ste. M-100	Atlanta	Georgia	30303	999-999-9999		
U.S. South-IXC(Telephone)	250 Williams St. Ste M-100	Atlanta	Georgia	30303	770-240-6100	800-643-6296	404.601.1000
U.S. Telecom Long Distance, Inc.- IXC(Telephone)	3960 Howard Hughes Parkway 5th Floor	Las Vegas	Nevada	89109	888-299-6618		
U.S. Wats, Inc.-IXC(Telephone)	2 Greenwood Square, Suite 275	Bensalem	Pennsylvania	19020	215-633-9400		
UKI Communications, Inc.-IXC(Telephone)	100 North Biscayne Blvd., Suite 400	Miami	Florida	32132	800-641-7386	800-641-7386	866.684.0457
Uni-tel Communications Group, Inc.- IXC(Telephone)	47 East Chicago Ave., Suite 328 303 North Jefferson	Naperville	Illinois	60540	999-999-9999		
Unite-IXC(Telephone)	P.O. Box 891	Keamey	Missouri	64060	999-999-9999		
United Carrier Networks-IXC(Telephone)	14870 South Pony Express Drive	Bluffdale	Utah	84070	801-576-5021	800-363-6177	801.619.6761
United Communications HUB, Inc.- IXC(Telephone)	10390 Commerce Center Drive, Ste. 250	Rancho Cucamonga	California	91730	626-683-8388		
United Services Telephone, L.L.C.- IXC(Telephone)	P. O. Box 220	Pegram	Tennessee	37143	999-999-9999		
United States Advanced Network, Inc.- IXC(Telephone)	3080 Northwoods Circle	Norcross	Georgia	30071	770-453-6034		
United Systems Access Telecom, Inc.- IXC(Telephone)	5 Bragdon Lane, Suite 200	Kennebunk	Maine	4043	207-467-9030	888-872-9400	207.467.8008
Univance Telecommunications, Inc.- IXC(Telephone)	373 Inverness Drive South, Suite 100	Englewood	Colorado	80112	303-708-1000		
Universal Access, Inc.-IXC(Telephone)	233 South Wacker Drive, Suite 600	Chicago	Illinois	60606	312-660-5000		
Universal Broadband Communications, Inc.- IXC(Telephone)	18200 Von Karman Ave. 10th Floor	Irvine	California	92612	800-390-8959		
Universal Telecom Technologies- IXC(Telephone)	1504 A Gravois	High Ridge	Missouri	63049	999-999-9999		

Verizon Enterprise Solutions-IXC(Telephone)	1320 North Court House Road, 9th Floor	Arlington	Virginia	22201	703-526-3044	
Verizon Long Distance-IXC(Telephone)	1320 North Courthouse Road, 9th Floor	Arlington	Virginia	22201	703-526-3044	
Verizon Select Services, Inc.-IXC(Telephone)	6665 N MacArthur Blvd. HQE02F46	Irving	Texas	75039	972-718-8579	972.719.0186
Viatei Services, Inc.-IXC(Telephone)	95 Route 17 South, Ste. 102	Paramus	New Jersey	7652	202-887-6935	
Vista International Communications-IXC(Telephone)	400 West Avenue	Rochester	New York	14611	716-987-3180	
Viva Telecom, L.L.C.-IXC(Telephone)	1844 South 3850 West, Suite A	Salt Lake City	Utah	84047	801-990-0325	
Vocall Communications Corporation-IXC(Telephone)	9B Fadem Road	Springfield	New Jersey	7081	908-301-0090	
Voicestream Wireless Corporation-IXC(Telephone)	12920 Southeast 38th Street	Bellevue	Washington	98006	999-999-9999	
Vyvx, Inc.-IXC(Telephone)	2900 One Williams Center	Tulsa	Oklahoma	74172	918-573-2237	
W2COM International, LLC-IXC(Telephone)	3500 Park Center Drive	Dayton	Ohio	45414	937-415-1100	
WebNet Communications, Inc.-IXC(Telephone)	P.O. Box 11075	Gainesville	Illinois	61826	877-550-3006	877.550.3004
Webster Technologies, L.L.C.-IXC(Telephone)	1240 Spur Drive P.O. Box 87	Marshfield	Missouri	65706	417-859-2216	
West End Communications, Inc.-IXC(Telephone)	3001 West Hallandale Beach Boulevard	Pembroke Park	Florida	33009	954-456-1766	
Westel, Inc.-IXC(Telephone)	9606 N MO Pac Expy. #700	Austin	Texas	78759	512-480-5500	
Western Tele-Communications, Inc.-IXC(Telephone)	5619 DTC Parkway	Englewood	Colorado	80111	555-555-5555	
White River Technologies, LLC-IXC(Telephone)	East Highway 76 P.O. Box 969	Branson	Missouri	65615	417-335-9335	
Wholesale Carrier Services, Inc.-IXC(Telephone)	7200 W. Camino Real, Suite 303	Boca Raton	Florida	33433	561-852-3400	561.750.7244
Williams Vyvx, LLC-IXC(Telephone)	One Technology Center TC-151	Tulsa	Oklahoma	74103	918-573-6996	
Winstar Communications LLC-IXC(Telephone)	1850 M. Street, N.W., Ste. 300	Washington	Dist of Columbia *	20036	555-555-5555	
World Communications Satellite Systems, Inc.-IXC(Telephone)	3730 Kirby, Suite 1200	Houston	Texas	77098	999-999-9999	
World Telecom, Inc.-IXC(Telephone)	18768 Middlebelt Road	Livonia	Michigan	48152	248-615-6960	

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IXC Advertising

Save up to \$41 a month with Simple Choice.™

Now you can get your basic phone line with all the calling features you want – plus a great deal on long distance and Internet services – all for one low price. You'll choose from calling features like **Caller ID**, **Call Waiting**, **3-Way Calling** and even **Voice Mail** where available. (Call for a full list of features.)

Simple Choice

- ▶ starting at \$24.95 a month
- ▶ basic phone line
- ▶ unlimited local calls
- ▶ choice of calling features
- ▶ change features anytime

Simple Choice 200

- ▶ starting at \$39.95 a month
 - ▶ basic phone line, unlimited local calls & choice of features
 - ▶ 200 anytime, anywhere long distance minutes
 - ▶ call in-state and out-of-state
 - ▶ no monthly service fee
- [other minute plans available]*

Simple Choice 200 plus Dial-up Internet

- ▶ starting at \$59.95 a month
- ▶ basic phone line, unlimited local calls & choice of features
- ▶ 200 anytime, anywhere long distance minutes
- ▶ unlimited Internet access
- ▶ reliable 56k dial-up connection
- ▶ three e-mail accounts and 5 MBs of personal Web space
- ▶ free customized software
- ▶ no set-up fee (\$10 value)

Want to create your own Simple Choice plan?

It's easy! Call for details today.

1.800.549.5919

CENTURYTEL

www.centurytel.com

Simple Choice is a trademark of CenturyTel. Customers may dial *67 (touchtone) or 1167 (rotary) prior to placing a call to block their information from being passed. Depending on the customer's location and calling plan, they may incur telephone charges on their phone bills. Not responsible for long distance incurred with Internet services and other telephone charges. Simple Choice offer and rate are subject to change and may vary by service area. Simple Choice plan not available in all areas. Eligible features may vary by state. Each additional minute over the Simple Choice 200 plan is 10¢ and applies only to domestic 1+ direct dialed calls. DSL modem required for service and is not included in the monthly price for DSL service. TERMINATION OF SERVICE PRIOR TO END OF ONE-YEAR TERM REQUIRES MODEM PAYMENT OF UP TO \$200. Because download speeds are at times dependent on the capacity of the World Wide Web, downloading speeds may vary. Not all services available in all areas. Some restrictions apply. © 2002 CenturyTel

F545

There's never been a better time to choose AT&T than right now.

Dear Troy & Shawndra Taylor:

You probably receive many "limited-time offers" in the mail every week. But most likely you don't receive many like this one.

Call AT&T before the check expires on 05/11/03, then sign and cash it.

Yes, the \$45 check above is for you to enjoy as a welcome bonus when you call **1 800 473-7687, ext. 35546**, to switch to AT&T — but only if you cash it by 05/11/03. That's less than a month from now, so there's no time to lose.

Get 10¢-a-minute long distance calling — with no monthly plan fee.

One of the very best reasons to choose AT&T is the AT&T One Rate® 10¢ Plan. With this plan, it's *always* a good time to call because all your state-to-state calls from home are only 10¢ a minute, morning, noon, and night (in-state rates may be higher).* Even better, there's no monthly plan fee, just a \$5 monthly usage minimum that's easy to meet; five 10-minute calls a month will do it.

Select AT&T for your local toll service and those calls will count toward your monthly usage minimum, too. There's no additional charge for this service, so remember to ask for AT&T Local Toll rates when you call.

With a satisfaction guarantee.

We're so sure you'll be pleased with AT&T service we guarantee it. Call today and we'll reimburse you for any switching fees your current long distance company may charge you. Then, if after 30 days you're not satisfied with AT&T for any reason, we'll cover the cost of switching you back to your previous long distance carrier, no questions asked.† And the check is yours, no matter what.

There's never been a better time to choose AT&T than right now — before this offer expires on 05/11/03.

Sincerely,



Ray Drake
AT&T Marketing Manager

P.S. Call **1 800 473-7687, ext. 35546, today**. Remember, there's no risk. You get \$45 in cash, a rate of 10¢ per minute with no monthly plan fee, and our satisfaction guarantee when you switch to AT&T.

There's never been a better time to choose AT&T than right now.

Dear Troy & Shawndra Taylor:

You probably receive many "limited-time offers" in the mail every week. But most likely you don't receive many like this one.

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Select AT&T for your local toll service and those calls will count toward your monthly usage minimum, too. There's no additional charge for this service, so remember to ask for AT&T Local Toll rates when you call.

With a satisfaction guarantee.

We're so sure you'll be pleased with AT&T service we guarantee it. Call today and we'll reimburse you for any switching fees your current long distance company may charge you. Then, if after 30 days you're not satisfied with AT&T for any reason, we'll cover the cost of switching you back to your previous long distance carrier, no questions asked.† And the check is yours, no matter what.

There's never been a better time to choose AT&T than right now — before this offer expires on 05/11/03.

Sincerely,



Ray Drake
AT&T Marketing Manager

P.S. Call **1 800 473-7687, ext. 35546, today**. Remember, there's no risk. You get \$45 in cash, a rate of 10¢ per minute with no monthly plan fee, and our satisfaction guarantee when you switch to AT&T.

* Subject to billing availability. You must be an AT&T Residential Long Distance subscriber to receive the AT&T One Rate 10¢ state-to-state and applicable in-state rate. Enrollment expires 6/30/03. A \$5.00 monthly minimum usage charge applies to this plan. Universal Connectivity Charge applies. An In-State Connection Fee applies to subscribers in certain states. State charges may also apply. For more details about these charges and to learn if the In-State Connection Fee applies in your state, please call 1 800 473-7687, ext. 35546.

† Satisfaction guarantee valid during your first six months as an AT&T customer. Limit: one reimbursement per customer, per telephone number, per year.

Please see important information on the back.



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Select a rate plan. If you are purchasing more than one phone, you will have an opportunity to select additional rate plans, if desired, prior to Checkout.

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BUY NOW & SAVE
up to **\$190**
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Nextel National 12,000 Plus Plan - NEW - Get optimum performance with a robust combination of cellular voice, instant Direct Connect®, Two-Way Messaging, Nationwide Long Distance and Night and Weekend minutes.

CELLULAR MINUTES

Add to Cart	Plan	Monthly Fee	Included Minutes	Additional Minutes	Long Distance	Direct Connect
<input type="radio"/>	National 12000 Plus	\$69.99	1000	\$0.40/min.	Included	5500

Nextel National Free Incoming Plans - New & Improved - Great for small and large businesses and busy families. Includes Free Incoming Calls, more Anytime Cellular Minutes, Free Nationwide Long Distance, Unlimited Direct Connect®, Unlimited Night and Weekend Minutes, Caller ID and Voice Mail.

CELLULAR MINUTES

Add to Cart	Plan	Monthly Fee	Included Minutes	Additional Minutes	Long Distance	Direct Connect
<input type="radio"/>	Nextel Natl Free Incoming 400	\$59.99	400	\$0.40/min.	Included	Unlimited
<input type="radio"/>	Nextel Natl Free Incoming 600	\$69.99	600	\$0.40/min.	Included	Unlimited
<input type="radio"/>	Nextel Natl Free Incoming 800	\$89.99	800	\$0.40/min.	Included	Unlimited
<input type="radio"/>	Nextel Natl Free Incoming 1100	\$119.99	1100	\$0.40/min.	Included	Unlimited

Nextel National Value Plans - NEW - Great value plans for businesses and

families. Choose from \$36.00 for 3600 minutes or \$46.00 for 4600 minutes.
Includes Free Nationwide Long Distance.

CELLULAR MINUTES

Add to Cart	Plan	Monthly Fee	Included Minutes	Additional Minutes	Long Distance	Direct Connect
<input type="radio"/>	<u>National Value 300</u>	\$35.99	300	\$0.40/min.	Included	100
<input type="radio"/>	<u>National Value 500</u>	\$45.99	500	\$0.40/min.	Included	100

Nextel National Shared Value Plans - NEW - More minutes and Free Nationwide Long Distance. Choose from \$40 for 4000 shared minutes or \$50 for 5000 shared minutes.

CELLULAR MINUTES

Add to Cart	Plan	Monthly Fee	Included Minutes	Additional Minutes	Long Distance	Direct Connect
<input type="radio"/>	<u>National Shared Value 300</u>	\$39.99	300	\$0.40/min.	Included	250
<input type="radio"/>	<u>National Shared Value 500</u>	\$49.99	500	\$0.40/min.	Included	250

Nextel National Shared PlansSM - Everything you need for one monthly rate: free nationwide long distance, "shared" minutes and more.

CELLULAR MINUTES

Add to Cart	Plan	Monthly Fee	Included Minutes	Additional Minutes	Long Distance	Direct Connect
<input type="radio"/>	<u>Nextel National Shared 200</u>	\$49.99	200	\$0.35/min.	Included	Unlimited
<input type="radio"/>	<u>Nextel National Shared 500</u>	\$59.99	500	\$0.35/min.	Included	Unlimited
<input type="radio"/>	<u>Nextel National Shared 700</u>	\$79.99	700	\$0.35/min.	Included	Unlimited
<input type="radio"/>	<u>Nextel National Shared 1000</u>	\$99.99	1000	\$0.35/min.	Included	Unlimited

Nextel Get Right Through Plans - NEW - Double the Anytime Cellular Minutes for added talk time. Includes Anytime Cellular Minutes, Direct Connect[®] Minutes and Night & Weekend Minutes.

CELLULAR MINUTES

Add to Cart	Plan	Monthly Fee	Included Minutes	Additional Minutes	Long Distance	Direct Connect
<input type="radio"/>	Local Get Right Through 50	\$35.99	50 100	\$0.40/min.	\$0.20/min.	500
<input type="radio"/>	Local Get Right Through 250	\$45.99	250 500	\$0.40/min.	\$0.20/min.	2500
<input type="radio"/>	Local Get Right Through 500	\$55.99	500 1000	\$0.40/min.	\$0.20/min.	4000

Nextel National Unlimited Plan - NEW - Get unlimited incoming and outgoing calls, Unlimited Direct Connect® Minutes, Free Nationwide Long Distance, Free Caller ID and Free Voice Mail. **Now includes Nextel Full Service Package.**

CELLULAR MINUTES

Add to Cart	Plan	Monthly Fee	Included Minutes	Additional Minutes	Long Distance	Direct Connect
<input type="radio"/>	Nextel National Unlimited Plus	\$199.99	Unlimited	\$0.00/min.	Included	Unlimited

Add to Cart

*Prices are subject to change without notification.

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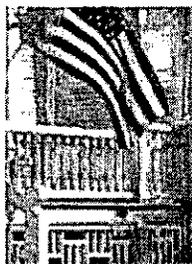
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mLife Digital One Rate Plan - Digital

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Current zip code: 65109

The mLife Digital One Rate Plan offers no roaming or nationwide long distance charges across the United States. From New York to Miami to Honolulu-just about anywhere-all calls are like local calls.

- Every call within the U.S. is like a local call ([Click for coverage map](#))
- No roaming or domestic long distance charges across all 50 states
- Compatible Digital device and minimum one-year contract required
- \$175.00 Cancellation Fee

Included Features: [AT&T Caller ID](#) , [Call Waiting](#) , [Detailed Billing](#) , [Text Messaging from AT&T Wireless](#) , [Toll Free USA from Home Service Area](#)

Free Features Upon Request: [Call Forwarding](#) , [Three-Way Calling](#) , [AT&T VoiceMail](#)

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Plan Name	Anytime Minutes	Promotional Minutes	Additional Charges	Contract Length	Specials
mLife Digital One Rate Plan - Digital \$59.99	450 INCLUDED		35¢/min Addtl Airtime 00¢/min Long Distance 00¢/min National Roaming Rate \$36.00 Activation Fee	1 or 2 Years	
Add To Cart					
mLife Digital One Rate - Digital \$79.99	650 INCLUDED		35¢/min Addtl Airtime 00¢/min Long Distance 00¢/min National Roaming Rate \$36.00 Activation Fee	1 or 2 Years	
Add To Cart					
mLife Digital One Rate - Digital \$99.99	900 INCLUDED		25¢/min Addtl Airtime 00¢/min Long Distance 00¢/min National Roaming Rate \$36.00 Activation Fee	1 or 2 Years	
Add To Cart					

mLife Digital One Rate - Digital	1100 INCLUDED	25¢/min Add'l Airtime 00¢/min Long Distance 00¢/min National Roaming Rate \$36.00 Activation Fee	1 or 2 Years
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> [Add To Cart](#)

mLife Digital One Rate - Digital	1500 INCLUDED	25¢/min Add'l Airtime 00¢/min Long Distance 00¢/min National Roaming Rate \$36.00 Activation Fee	1 or 2 Years
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> [Add To Cart](#)

mLife Digital One Rate - Digital	2000 INCLUDED	25¢/min Add'l Airtime 00¢/min Long Distance 00¢/min National Roaming Rate \$36.00 Activation Fee	1 or 2 Years
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> [Add To Cart](#)

mLife Digital One Rate - Digital	3000 INCLUDED	25¢/min Add'l Airtime 00¢/min Long Distance 00¢/min National Roaming Rate \$36.00 Activation Fee	1 or 2 Years
-------------------------------------	-------------------------	---	--------------

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[-Explanation of Rates and Charges](#)

mLife. your mobile life made better

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mLife Shared Plans

Ideal if you want more than one phone sharing the same pool of minutes. Great for families who are on the go.

- One account. One bill.
- 12 or 24 month commitment required

Share the Minutes. Share the savings.

mLife Shared Plans - The sensible plan for families and small workgroups.

Family members and co-workers need a cost-effective and easy way to stay in touch. mLife Shared Plan is the solution. With three service plan options offering a range of included minutes, you can choose the right plan to meet your group's calling needs. Each plan includes two phone lines and allows up to three more to be added to the account for just \$19.99 each per month. And you receive up to 2000 minutes to share calling between all plan members within the Shared Mobile-to-Mobile Calling Area. Plus, get anytime and weekend minutes to share each month with nationwide long distance included for calls from the Home Calling Area on select plans. It's economical and flexible talk time to plan your life or your business, all on one account with one monthly bill. [Click here](#) to place an order online.

Monthly Service Charge ¹ (includes 2 lines of service)	\$59.99	\$89.99	\$119.99
Included minutes	Up to 500	Up to 1000	Up to 1500
Included Weekend Minutes ²	Up to 1000	Up to 1500	Up to 2000
Included Mobile to Mobile Minutes	Up to 1000	Up to 1500	Up to 2000
Total Minutes per month	Up to 2500	Up to 4000	Up to 5500
Domestic Wireless Long Distance ³	Enjoy no domestic, wireless long distance charges for calls made from your home calling area to anywhere in the United States		

\$19.99 a month per additional line - each line shares all plan minutes

Additional Lines	(up to 3 additional lines for a total of 5 lines)		
Additional Airtime Per Minute in your Home Calling Area⁴	35¢ per minute	35¢ per minute	35¢ per minute
Roaming⁵	69¢ per minute across the U.S. and Canada	69¢ per minute across the U.S. and Canada	69¢ per minute across the U.S. and Canada
1. Requires the use of a Digital multi-network phone, \$175 cancellation fee		4. Additional airtime is \$0.60 /minute in New York/New Jersey.	
2. Included weekend minutes — 12 a.m. Saturday to 11:59 p.m. Sunday.		5. Roaming charges apply to calls placed outside your Home Calling Area. Long distance charges may apply.	
3. Credit card calls excluded.			

Features Available Upon Request

- Three-Way Calling
- AT&T VoiceMail with Message Waiting Indicator
- Call Forwarding
- AT&T Text Messaging Service

Features Included At No Monthly Charge

- AT&T Caller ID
- Call Waiting

[Click here to place an order online.](#)

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Rate Plans [Print this page](#)

Choose a plan that best fits you! Select one of the tabs below to view the corresponding plans.

**50% More
Bonus Minutes**

Cingular Home Plans - [Map](#)

Minutes included with a Cingular Home Plan apply to calls made within your Cingular Home Calling Area.

- Local
- Preferred Nation
- National
- Data

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PLAN NAME	MONTHLY COST	MINUTES	ADDITIONAL MINUTES	FEATURES INCLUDED	LONG DISTANCE	ROAMING	CONTRACT LENGTH
<input type="checkbox"/> Cingular Home 50	\$19.99	50 Anytime	\$0.49	3-Way, CID, CW, LD	Included	\$0.79	2 years Order
<input type="checkbox"/> Cingular Home 300	\$29.99	300 Anytime + 5,000 Choice	\$0.45	3-Way, Basic VM, CID, CW, LD	Included	\$0.79	2 years Order
<input type="checkbox"/> Cingular Home 300 + 50% more minutes	\$29.99	450 Anytime	\$0.45	3-Way, Basic VM, CID, CW, LD	Included	\$0.79	2 years Order
<input type="checkbox"/> Cingular Home 400 + 50% more minutes w/Rollover	\$39.99	600 Anytime	\$0.45	3-Way, Basic VM, CID, CW, LD	Included	\$0.79	2 years Order

<input type="checkbox"/>	Cingular Home 400 w/Rollover	\$39.99	400 Anytime + 5,000 Choice	\$0.45	3-Way, Basic VM, CID, CW, LD	Included \$0.79	2 years	Order
<input type="checkbox"/>	Cingular Home 600 + 50% more minutes w/Rollover	\$49.99	900 Anytime	\$0.39	3-Way, Basic VM, CID, CW, LD	Included \$0.79	2 years	Order
<input type="checkbox"/>	Cingular Home 600 w/Rollover	\$49.99	600 Anytime + 5,000 Choice	\$0.39	3-Way, Basic VM, CID, CW, LD	Included \$0.79	2 years	Order
<input type="checkbox"/>	Cingular Home 900 + 50% more minutes w/Rollover	\$69.99	1,350 Anytime	\$0.39	3-Way, Basic VM, CID, CW, LD	Included \$0.79	2 years	Order
<input type="checkbox"/>	Cingular Home 900 w/Rollover	\$69.99	900 Anytime + 5,000 Choice	\$0.39	3-Way, Basic VM, CID, CW, LD	Included \$0.79	2 years	Order
<input type="checkbox"/>	Cingular Home 1400 + 50% more minutes w/Rollover	\$99.99	2,100 Anytime	\$0.39	3-Way, Basic VM, CID, CW, LD	Included \$0.79	2 years	Order
<input type="checkbox"/>	Cingular Home 1400 w/Rollover	\$99.99	1,400 Anytime + 5,000 Choice	\$0.39	3-Way, Basic VM, CID, CW, LD	Included \$0.79	2 years	Order
<input type="checkbox"/>	Cingular Home 2000 + 50% more minutes w/Rollover	\$149.99	3,000 Anytime	\$0.35	3-Way, Basic VM, CID, CW, LD	Included \$0.79	2 years	Order
<input type="checkbox"/>	Cingular Home 2000 w/Rollover	\$149.99	2,000 Anytime + 5,000 Choice	\$0.35	3-Way, Basic VM, CID, CW, LD	Included \$0.79	2 years	Order
<input type="checkbox"/>	Cingular Home 3000 + 50%	\$199.99	4,500	\$0.29	3-Way, Basic VM,	Included \$0.79	2 years	

	more minutes w/Rollover		Anytime		CID, CW, LD		<input type="button" value="Order"/>
<input type="checkbox"/>	Cingular Home 3000 w/Rollover	\$199.99	3,000 Anytime + 5,000 Choice	\$0.29	3-Way, Basic VM, CID, CW, LD	Included \$0.79	2 years <input type="button" value="Order"/>
<input type="checkbox"/>	Cingular Home 3750 + 50% more minutes w/Rollover	\$249.99	5,625 Anytime	\$0.19	3-Way, Basic VM, CID, CW, LD	Included \$0.79	2 years <input type="button" value="Order"/>
<input type="checkbox"/>	Cingular Home 3750 w/Rollover	\$249.99	3,750 Anytime + 5,000 Choice	\$0.19	3-Way, Basic VM, CID, CW, LD	Included \$0.79	2 years <input type="button" value="Order"/>
<input type="checkbox"/>	Cingular Home 4500 + 50% more minutes w/Rollover	\$299.99	6,750 Anytime	\$0.19	3-Way, Basic VM, CID, CW, LD	Included \$0.79	2 years <input type="button" value="Order"/>
<input type="checkbox"/>	Cingular Home 4500 w/Rollover	\$299.99	4,500 Anytime + 5,000 Choice	\$0.19	3-Way, Basic VM, CID, CW, LD	Included \$0.79	2 years <input type="button" value="Order"/>

Note:* Indicates feature is included at no additional charge upon request.

3-WAY=3-Way Calling; BASIC VM=Basic Voice Mail; CID=Caller ID; CW=Call Waiting; LD=Nationwide Long Distance;

YOUR CALLING PLAN SHOULD FIT YOUR NEEDS:

On Cingular Home Plans \$29.99 and higher, choose either 5,000 Night & Weekend Minutes or 5,000 Mobile to Mobile Minutes. Or receive 50% more Anytime Minutes on select Home and Preferred Nation plans. Hurry! This is a limited time offer.

For a limited time on Cingular Home Plans \$39.99 and higher, receive Rollover Minutes. Minutes roll over for up to 12 months. Rollover only applies to the included anytime minutes. Night & Weekend Minutes do not roll over. Rolled-over minutes are not redeemable for cash or credit and are not transferable. Minutes will not roll over until after the first billing cycle. Unused minutes are forfeited on non-qualifying plans. Rollover not available in Kauai.

Customer must use a multi-network phone programmed with Cingular Wireless preferred roaming database. Requires Cingular Long Distance for wireless phone and minimum 24-month service agreement. Airtime billed in one-minute increments. Roaming charges are \$0.79 per minute. A one-time \$36 activation fee applies. Night & Weekend Minutes: Monday through Friday 9:00 p.m. to 7:00 a.m. and all day Saturday and Sunday.

Night & Weekend Minutes do not rollover.

Nationwide Long Distance: Applies to calls originating and terminating within the 50 States. Airtime charges apply. Calls subject to taxes, universal service charge, gross receipts surcharge and other charges, which are subject to change. Airtime and other measured usage are rounded up to the next full minute at the end of each call for billing purposes.

Pay-Per-Use Text Messaging is included with new service, \$0.10 per message sent or received. You may remove Text Messaging at any time by contacting customer service at (866)CINGULAR.

See Plan Terms for additional details.

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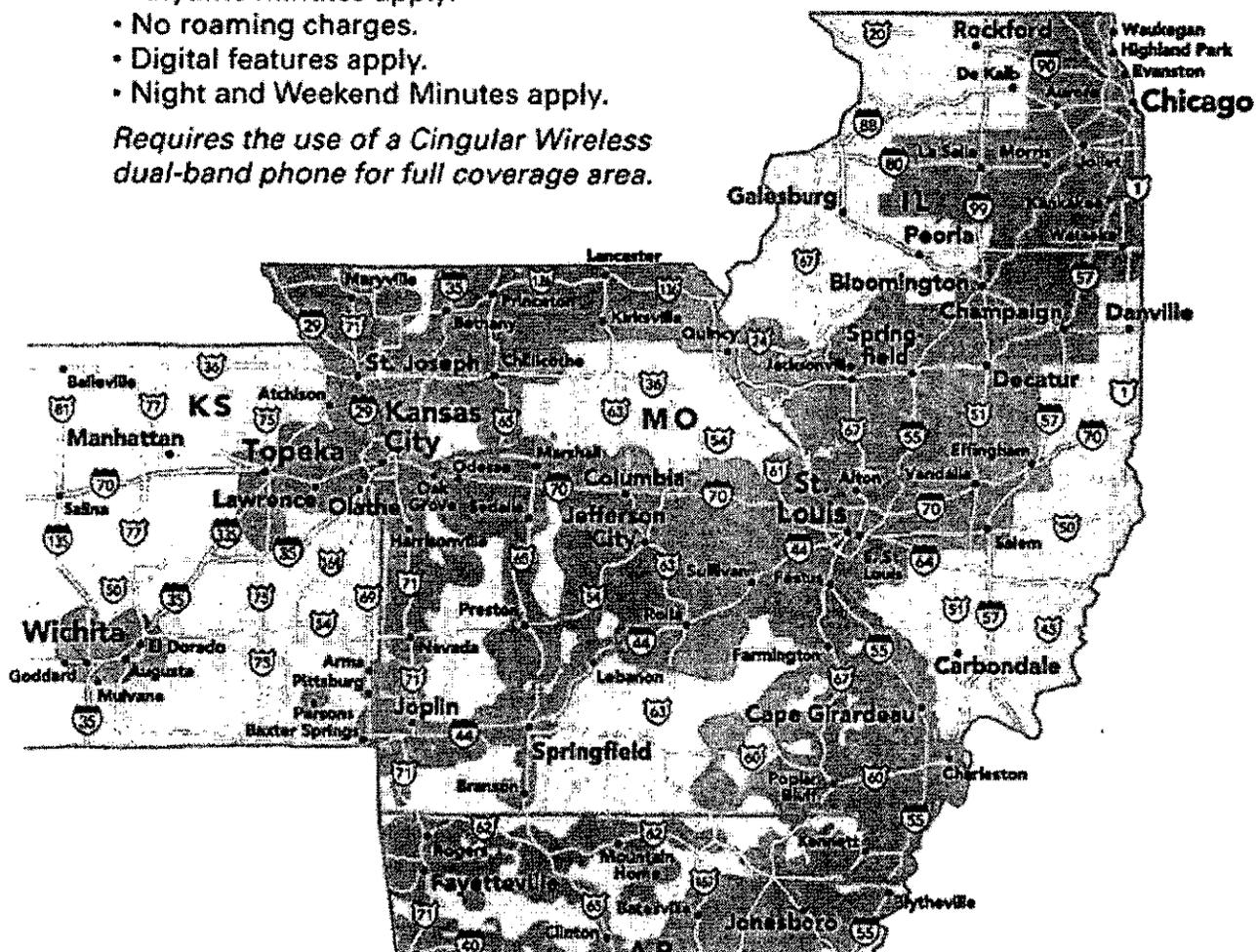
Missouri Local Calling Area

- Mobile to Mobile Calling package available within this area.
- Anytime minutes apply.
- No roaming charges.
- Digital features apply.
- Night and Weekend Minutes apply.

Missouri Home Calling Area

- Anytime minutes apply.
- No roaming charges.
- Digital features apply.
- Night and Weekend Minutes apply.

Requires the use of a Cingular Wireless dual-band phone for full coverage area.





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- Unlimited Express NetworkSM
- Express NetworkSM Megabyte
- Local DigitalChoice^R
- Promotional Local DigitalChoice^R Family SharePlanSM
- Local DigitalChoice^R Family SharePlanSM
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Plans and Pricing

Service for: Rolla, MO

Plans for just about everyone. We cover more towns, cities and places than anyone else and connect more people than any other wireless service provider in the nation.

- Browse the plan descriptions.
- Select one of the plan types to continue

Please note: Online Exclusives are only available to new customers who activate service online. Existing customers who wish to upgrade their service should visit their nearest Verizon Wireless [Store](#). Service upgrades are not yet available online.

National Plans

Plan Type	Map	Description	Monthly Access	Monthly Airtime Allowance (in minutes)	Per Minute Rate after allowance	Select Plans
America's Choice SM	View Map	Call anywhere from anywhere on the America's Choice network with no roaming or long distance charges.	\$35-\$200	300- 3,000	\$0.20-\$0.45	<input type="radio"/>
Promotional America's Choice SM Family SharePlan SM	View Map	Now your family can share additional night and weekend minutes each month. Plus , buy one Motorola V120c phone and get one free.	\$39.99-\$204.99	300-3,000	\$0.20-\$0.45	<input type="radio"/>
America's Choice SM Family SharePlan SM	View Map	Share the value. One account. One monthly bill. Plus , 250 included national mobile to mobile airtime minutes for each line of service.	\$39.99-\$204.99	300- 3,000	\$0.20-\$0.45	<input type="radio"/>
National SingleRate SM	View Map	Perfect if you talk and travel around the country. Domestic roaming and domestic long distance included.	\$35-\$300	150- 3,000	\$0.20-\$0.40	<input type="radio"/>

300 Anytime Unlimited Night and Weekend
Details only \$35

FREE Shipping
 with online purchase
excludes certain accessories

Sign up for email updates.

Enter email address

Compare America's Choicesm with National SingleRatesm

Local Plans

Plan Type	Map	Description	Monthly Access	Monthly Airtime Allowance (in minutes)	Per Minute Rate after allowance	Select Plans
Local DigitalChoice ^R	View Map	Great if you do most of your calling close to home.	\$25.00 - 104.99	125 - 1300	.45	<input type="radio"/>
Promotional Local DigitalChoice ^R Family SharePlan sm	View Map	Now your family can share night and weekend minutes each month. Plus , buy one Motorola V120c phone and get one free.	\$35- \$104.99	350-1,300	\$0.45	<input type="radio"/>
Local DigitalChoice ^R Family SharePlan sm	View Map	Share the value. One account. One monthly bill. Plus , 250 included local mobile to mobile airtime minutes for each line of service.	\$35- \$104.99	350-1,300	\$0.45	<input type="radio"/>

Express Network Plans

Plan Type	Map	Description	Monthly Access	Monthly Allowance	Per Minute Rate after allowance	Select Plans
Express Network sm	View Map	Now there's wireless Internet access using technology that allows speeds bursting up to 144 kbps! These calling plans offer an airtime allowance for voice calls and data sessions. Express Network device required.	\$35- \$300	150- 3,000	\$0.20 - \$0.40 across the nation	<input type="radio"/>
Unlimited Express Network sm	View Map	For just \$79.99 a month, get unlimited access to Express Network for your wireless data needs. (See right for voice and non-Express Network data per minute rates)	\$79.99	Express Network: unlimited Voice & Non-Express Network Data: No	Voice & Non-Express Network Data: \$0.25 home area \$0.69	<input type="radio"/>

Express Network sm Megabyte	View Map	<p>These plans charge by the amount of data you use. Express Network Megabyte allowances start at 10 MB for just \$35 monthly access. (See right for voice and non-Express Network data per minute rates)</p>	\$35- \$75	<p>Allowance roaming Express Network: \$.005- 10 - 40 MB .008/KB Voice/Non -Express Netwrk Data: \$0.25 home area \$0.69 roaming</p>
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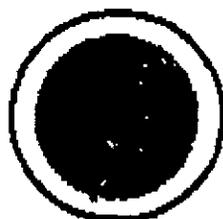
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Pre-Paid Plans

Welcome



1-800-RECONEX is an integrated communication provider that specializes in providing prepaid cellular, long distance and residential telephone service to customers nationwide.



1-800-RECONEX
Because Everybody Needs A Phone

Ma Tel
Communications Inc.

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Why Maxtel?

We keep you talking!

MAXTEL Communications, Inc. is dedicated to offering you quality residential telephone service. As a customer of **MAXTEL**, you get competitive pricing and a variety of convenient optional features on your residential telephone service.

There is no credit check and no deposit required when you sign up with **MAXTEL**.

MAXTEL Communications, Inc. is ready to provide you telephone service and reconnect you to the world. Our commitment to Customer Satisfaction represents **MAXTEL** Communications' founding philosophy.

Most importantly, as our customer, we put you first. Every time you call us, we will make every effort to see that you are completely satisfied with the level of service you are provided.

You are important to us and we want to make sure that every need you have relating to your residential telephone service is met to your satisfaction.

At **MAXTEL** Communications, Inc., we provide competitive rates and unsurpassed customer service. Our commitment is the cornerstone of our corporate culture. Each interaction should result in a positive and productive experience for you, our customers.

Because it is a prepaid service, **MAXTEL** Communications' residential service is available to everyone. There is no credit, background, or other



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AT&T PrePaid Phone Card

Easy, Convenient Calling, Anytime and Anywhere

AT&T PrePaid Phone Cards are a convenient, reliable way to make prepaid local, long distance and international calls.

Easy: Simply buy minutes in advance and use them whenever you want to make a call. Use them for business or pleasure.

Flexible: Away from home? Looking for the right gift? Sending kids off to school? Need to call in an emergency? AT&T PrePaid Phone Cards are the solution.

Great Value: AT&T quality and proven reliability at a flat per-minute rate* with no monthly fees or hidden surcharges. And the minutes never expire†!



AT&T PrePaid
For Your Business

Find out how to turn a prepaid phone card into a powerful promotional tool to build your business. It's a great way to drive sales, generate leads, reward employees and more!



AT&T PrePaid
Internet Service

AT&T PrePaid Internet Service lets you take control of how you buy and use online time. Avoid paying for Internet time you don't use! Buy a block of time and use it whenever you like - for up to a year from first use.

† Applies to AT&T PrePaid Phone Cards purchased online, or in retail stores. Promotional AT&T Phone Cards carry an expiration date. Promotional cards are not for retail sale.

* A surcharge of at least 2 units (subject to increase) applies to pay phone calls. Minutes are based on US domestic calling. International flat rates are higher than US domestic flat rates, differ according to destination called and are subject to change. Rates may be higher for calls made to mobile phones. For exact rates and surcharges, call Customer Service 24 hours a day, 7 days a week at 1 800 364-9292. Call times are billed in one-minute increments. Partial minutes used are charged as whole minutes. Card is not returnable or exchangeable unless defective, and do not expire. Safeguard your Card and PIN number. You are responsible for lost or stolen Cards. You and AT&T agree that the exclusive remedy for all disputes arising out of the purchase or use of this Card, except for matters you take to small claims court, is arbitration by an independent arbitrator pursuant to the terms of the AT&T Consumer Services Agreement accessible at www.att.com/serviceguide/home. YOUR DISPUTE WILL NOT BE HEARD BY A JURY OR IN COURT AND MAY NOT BE MADE PART OF A CLASS ACTION. Recharge minutes may have different rates and

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calling cards



1. **World Phonocard - Instant Access To Phone Cards**

Your Phonocard Store. US 1Â¢, Europe 3Â¢. Easy to search and compare calling card rates. Receive PIN and access number online. View your order history using "My Account." Discount, wholesale and distribution options now available.

www.worldphonocard.com

2. **CALLINGCARDS.com Saves You Money On Long Distance**

CallingCards.Com offers you the most minutes with the cheapest rates world wide. Quality of our cards are 5 stars, top carriers, no connection fee, easy interactive rate search, easy check out, receive your card via email in seconds. Voted # 1.

www.callingcards.com

3. **Best Prices On Prepaid Phone Cards.**

We are the leading provider of Prepaid Phone Cards. 1Â¢ per minute to USA, Canada, Europe, and Asia. Reliability and quality by AT&T and MCI. Get pin numbers instantly for immediate use!

www.1stoptelecom.com

4. **Credit Card Embossing: Plastic Printers**

Credit card embossing at Plastic Printers using high-quality cards with credit and debit card printing, personalization, embossing, color printing, secure magnetic stripe coding, and more.

www.plasticprinters.net

5. **Custom Prepaid Phone Cards - Quality At Low Cost**

Promote your business or raise money for your favorite group with custom prepaid long distance calling cards from customphonocard.com. Our cards are quality and low cost with great long distance rates, no fees and no minimum quantities.

www.customphonecard.com

6. **TELECARD EXPRESS - 1/2 Cent USA Phone Rate!**

Prepaid calling cards starting as low as a half-cent per minute with 3,910 USA minutes. The new X-treme World Card has no international connection fees with the most minutes to the world and great cellular rates!

www.telecardexpress.com

7. **AccuLinQ & AccuDial Calling Cards LOW Rates**

Outstanding (USA-48 origination) service, featuring low international and interstate rates. Billed monthly, No per-call surcharge with the exception of payphone calls. 6 second billing increments. Enjoy crystal-clear connections.

www.id-2000.com

8. **Online Telecom/Computer Related Specials**

Compare and Sign up for all your home and telcom related needs. Local/long distance phone service.(Including Unlimited Calling Plans) Computers, web hosting, home security, internet, wireless,and more. Easy comparision and online sign up.

www.longdistance-phonerates.com

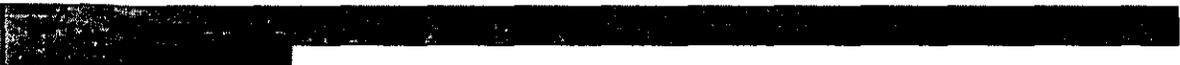
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 The Smart Choice for all your Shopping Needs. Free Cell Phones From Nextel, T-Mobile, AT&T, Alltel, Cingular, Verizon and Sprint Pick Up Your Free Cell Phone No Credit Card Needed or Visit Our Huge Selection of Wireless, Electronics, Prepaid and More

LOCAL EXCHANGE SERVICE

4.Promotional Offerings Cont'd)

4.29 Integrated Service Prepaid Card Promotion

Beginning April 1, 2003 and ending December 31 2003, the Company will offer the following promotion to eligible customers at its discretion and subject to billing availability: Customers who are currently enrolled in Residential RZA, RLC, RLE, or RLG Local Service, and who contact a customer service representative to request cancellation of their Residential RZA, RLC, RLE, or RLG Local Service service, will be mailed an allotment of one or more MCI Prepaid Cards, the total value of which allotment shall not exceed \$100, within one month after enrollment in Local Service. Customers enrolled in this offer are also eligible for enrollment in the 50% Discount Promotion.

ALL MATERIAL ON THIS PAGE IS NEW.

Filed
MO PSC

Issued: February 28, 2003

Effective: April 1, 2003

Carmen L.Feliciano
Tariff Administrator Suite 1100
Chicago, IL 60601

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RESIDENTIAL

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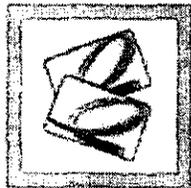
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Residential

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Products & Services

Long Distance



Qwest Instant Phone Card

With the Qwest Instant Phone Card you can begin making long distance phone calls immediately. Receive your Instant Phone Card in seconds and enjoy rates as low as 5.9¢ per minute with a per-call connection fee of 75¢. Qwest Instant Phone cards are convenient, affordable and an easy way to make long distance phone calls.

Touch America Customers Information for customers transferred from Qwest to Touch America In June 2000

- Domestic rates as low as 5.9¢ per minute, with a per-call connection fee of 75¢
- Available in \$20 and \$60 denominations
- 24-hour multilingual customer service
- Call around the world

More Information on...
 Qwest Instant Phone Card
 ▶ [Terms & Conditions](#)

International rates vary by country. A per-call connection fee of \$1-\$2 for international calls (depending on country) will apply. Calls completed from payphones are subject to a 50¢ fee.

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Schedule MDH-5
DA/Opr Serv

Sources of Alternative Directory Assistance and Operator Services for Sprint's End User Customers in Missouri

Directory Assistance Alternatives

1. IXC services, including Dial around numbers (Example: "00" INFO by AT&T, 10-10-ATT-00, MCI's 10-10-9000, etc.)
2. By dialing NPA-555-1212 (when NPA is not the same as the customers'), call goes to customers' presubscribed interLATA IXC.
3. Wireless carriers (by dialing 411 or 1-555-1212 on wireless phone).
4. Wholesale listing data base marketers such as:
 - Metro One Telecommunications <http://www.metro1.com/company.htm>
 - DirectoryNET <http://www.directorynet.com/about/default.htm>
5. Large database managers for national/international listings:
 - Listing Services Solutions, Inc. <http://www.lssi.net>
 - MERLIN Information Services <http://www.merlindata.com>
6. Directory Software
7. Alternative/Competitive White Page/Yellow Page Publications
8. Internet sources for retail business and residential end-user Sprint customers are numerous, but include:
 - Axiom Corp. <http://www.axiom.com/infobase/content/products/IBTD.asp>
 - Switchboard.com <http://switchboard.com/aboutus.htm?>
 - WhitePages.com <http://www.teldir.com/tdred/eng/128471>
 - AT&T's <http://www.anywho.com>
 - Feist Online <http://www.kansasCity.com>
 - <http://www.555-1212.com>
 - <http://www.222.whowhere.com>
 - Yahoo! <http://www.yahoo.com>
 - Google <http://www.google.com>
 - Zip2 <http://www.zip2.com>

Operator Services Alternatives

1. '00" Service to presubscribed IXCs
2. AT&T's 1-800CALLATT
3. CALLATT@ Calling Card
4. AT&T Prepaid Phone Card
5. MCIWorldCom's 1-800-COLLECT
6. MCI Prepaid Cards (<http://www.mci.com>)
7. 1-800-COLLECT (<http://www.1800collect.com>)
8. Sprint LD's 1-800-2SPRINT
9. Pre-paid Calling Cards
10. Wireless Carriers

Schedule MDH-6

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**COOPERATIVES'
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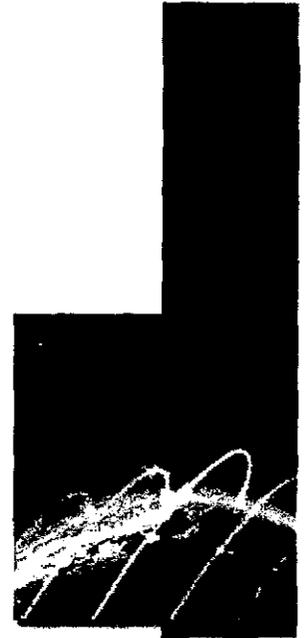
Home

Our Mission

The **COOPERATIVES' BROADBAND NETWORK** is committed to providing our customers with the best fiber optic communication network to meet their current and future internal communication needs.

We dedicate ourselves to this mission by providing customers with the highest quality service and support from qualified personnel that put the customers' needs first. In addition, we use state of the art products for the highest quality performance in all aspects of voice and data communications.

This mission is grounded in building long-term relationships with our customers and earning their trust through delivering on our commitments.



Cooperatives' Broadband Network
65706

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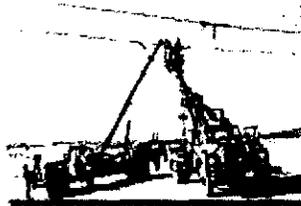
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The Cooperatives' Broadband Network is an advanced optical network spanning electric transmission lines in Oklahoma and Missouri. What began as an upgrade to the extensive internal communications network, this optical network has now grown to encompass over 2,500 miles of fiber optic connectivity. With over 150 Points of Presence, the Cooperatives' Broadband Network boasts the highest coverage of optical bandwidth in the area.



Partnering together, your local connection

Local access to the network is accomplished through an extensive interconnection with local electric cooperatives, regional power companies, municipal power companies, cable television providers and local telephone companies. With co-location facilities in major Points of Presence, the Cooperatives' Broadband Network also has interconnection with other carriers, gaining access to the anywhere in the world.

Future proofing your network

The Cooperatives' Broadband Network is continually expanding into new geographic areas and new technologies. With the freedom of a technically advanced, all optical network, growth into other markets with new products is rapid and flexible. With fiber optic facilities in place, your network can expand into new technologies and services as they arise.

Customer service, what we are known for

Each of the members of the Cooperatives' Broadband Network are dedicated to providing the best possible customer service. From initial contact to circuit turn-up and through 24x7 technical support, you will receive the utmost in personal service. We excel in the personal touch. Developing a relationship with our customers is one of the unique qualities which sets the Cooperatives' Broadband Network apart from traditional carriers.

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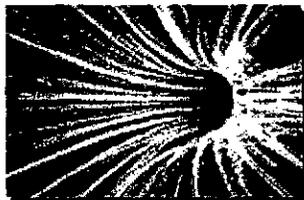
The **COOPERATIVES' BROADBAND NETWORK** utilizes optical technology that brings the latest features and advantages to your business. We use a full line of optical innovations including SONET, Ethernet and Wavelength services that will deliver a wide range of connectivity to meet all of your needs. With optical technology in place, other services (which require the high bandwidth demands of the latest data communications) are available through electronic upgrades.

Reliability, it is not just a desire, but a necessity

Redundancy and reliability are nothing new to the members of the **COOPERATIVES' BROADBAND NETWORK**. Due to the critical nature of the internal communications needs of the power industry, the architecture of the optical network was patterned after the fault tolerant microwave network it replaced. This level of protection is now available to our customers providing them with the same level of confidence for their applications.

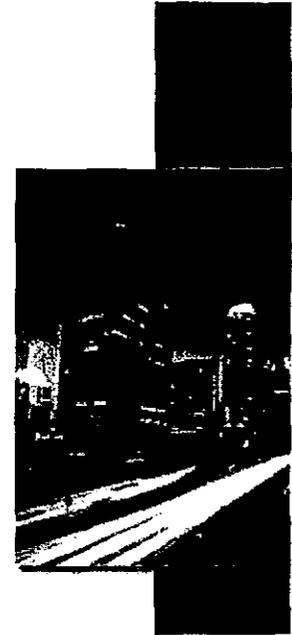
Building on the success of someone you know

In the 1930's and 40's, communities banded together to form electric cooperatives in order to bring electricity to rural America. Now, those same cooperatives are coming together to offer voice and data communications in the same trusted manner.



A one-stop shop

If you have ever been involved in the implementation or management of a voice or data communications network, you have probably experienced the frustration in coordinating all of the connectivity and device interconnection. With the help of our qualified staff, we will guide you through the process of determining what will work best for you and your business. However, we don't stop there. We will serve as the coordinator between you, other carriers and the telephone companies, so you don't have to. Plus, we will provide the equipment needed to give you the type of interface you need as part of the service. As your needs change, there is no worry about future-proofing your network. We have done that for you by maintaining much of the needed equipment.



Not just keyboard jockeys

In much of today's telecommunication environment, many companies have chosen to contract out all of their installation and maintenance needs in the field. If a problem occurs, these technicians are dispatched to the trouble to try and determine the cause. Because these technicians are not dedicated to any one company and are usually thinly spread, restoration can be delayed. The **COOPERATIVES' BROADBAND NETWORK** does things the old fashioned way. We have technicians located across the network with the tools in hand needed to fix the problem and fix it fast.

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**BRINGING YOU
CONNECTIONS**



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Products & Services

The **COOPERATIVES' BROADBAND NETWORK** is continually committed to offering the products and services our customers want and need. Because of our flexibility, we enjoy working with the different challenges which are presented to us to not only provide the connectivity needed, but also the total solution to help our customers build the network they desire.

Here is list of the different product offerings we provide, along with some technologies needed to fulfill our customers' needs.

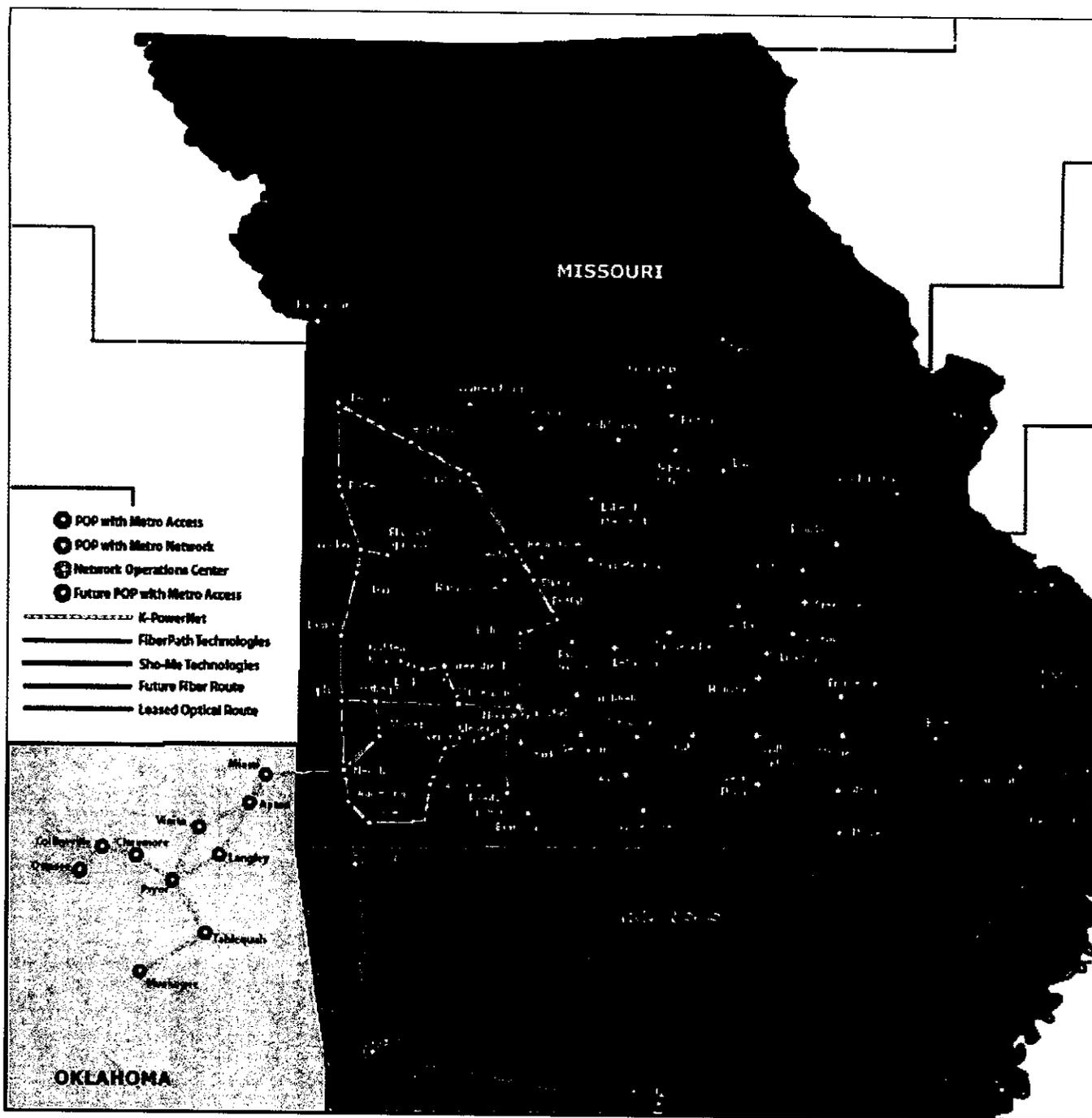
- REGIONAL TRANSPORT**
- POINT TO POINT TRANSPORT**
- ETHERNET**
- NETWORK DESIGN & MANAGEMENT**
- SPECIAL APPLICATIONS**
- NETWORK OPERATION CENTER**
- FREQUENTLY ASKED QUESTIONS**



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FIBER OPTIC
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Testimonials

The Cooperative's Broadband Network is by far the easiest to work with. A responsive sales force, knowledgeable operations group and leadership with a vision for the future of broadband services set them apart from the pack.

*Mike Davis
Senior Vice President
Fidelity Communications Company*

From the beginning stages to the implementation your staff has been of great assistance. . . We have now been a customer for a year and a half and have never been without service and could not be happier.

*Sandra Boykin
IT Supervisor/Network Administrator
Cabool State Bank*

Because of your high quality product and top-notch staff, I would highly recommend ShoMe Technologies to any company in need of the type of services that you offer. Thank you for a job well done.

*Cecilia Home
New Media Manager
Lebanon Publishing Company*

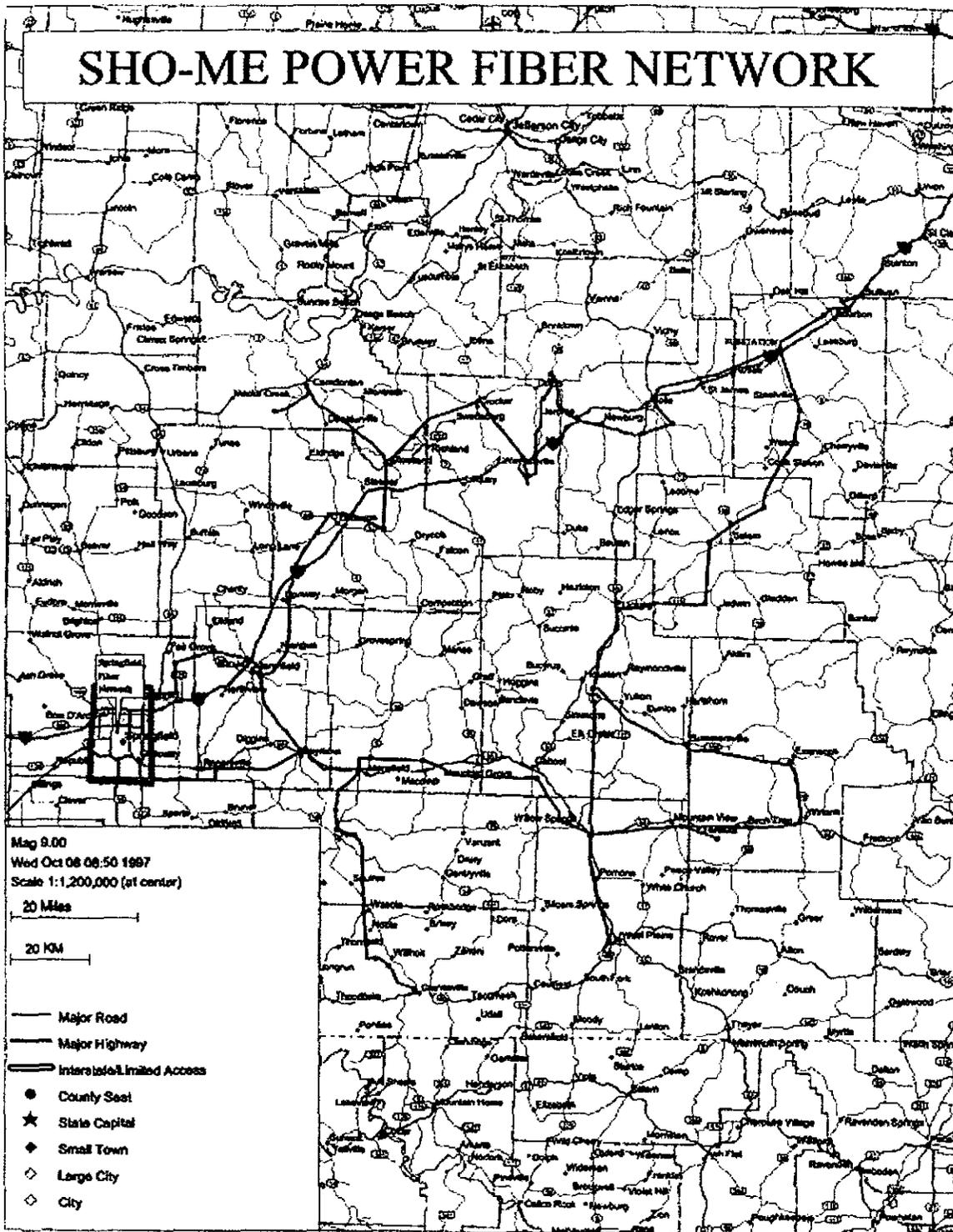
Our relationship with Sho-Me Technologies has been very positive. Sho-Me provided SMSU the best rates and was able to meet our deadlines. The personnel we've worked with have all been highly skilled in fiber optics and wide-area networking.

*Tim Kilpatrick
Director of Communication Services
Southwest Missouri State University*

Cooperatives' Broadband Network
65706

301 W. Jackson, Marshfield, MO
417-859-2615







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- ▶ [Network Info](#)
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Put Your Networking Needs in Reliable Hands.

Digital Teleport owns and operates one of the region's largest fiber optic networks, with dense regional fiber in the Midwest, optimized to provide connectivity from Tier One markets to secondary and tertiary markets. Together, our regional networks comprise over 4,900 miles of fiber optics, constructed largely on exclusive and secure right of ways.

Headquartered in St. Louis, Digital Teleport has been a trusted name in fiber optics since 1994. Our connectivity and reliability make us a natural choice for carriers seeking a wholesale provider. That's why years, seven out of the top ten national telecom carriers have used us to give them access to the secondary and tertiary markets they wish to serve.

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Press Releases ([click here for an index of all press releases](#))

Dec. 30, 2002
Digital Teleport Asks Court to Approve Auction Sale, Bidding Procedures; Discloses \$38 Million Bid from CenturyTel

2/13/2003
CenturyTel wins bid to acquire Digital Teleport for \$38 million

2/4/2003
Pierre Laclède Center Connects to Fiber Ring

1/14/2003
Digital Teleport Submits Settlement Agreement for Creditors

In the News

Telephony Ten to Watch: Digital Teleport


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 - Meet the Senior T
 - Restructuring
- ▶ Services
- ▶ Network Info



Delivering high-bandwidth solutions to traditional voice and data carriers, competitive local exchange carriers and other network service providers.



At Digital Teleport, we recognize your need to quickly and easily access a local service market, so our network continuously evolves to meet your current and future bandwidth demands. Digital Teleport's high-bandwidth transport solutions enable you to:

- Minimize capital expenditure by providing proximity to major IXCs and affordable metro access
- Capitalize on our unique secondary and tertiary points of presence
- Rely on Digital Teleport's Network Operating Center to monitor facilities 24 x 7 and provide trouble-free continuity of service

Transport speeds available: DS-1, DS-3, OC-3, OC-12 and OC-48

Dark Fiber

Digital Teleport provides dark fiber for you to control the development of your own, private, facilities network. Benefits include unlimited capacity, speed, security, and reliability. Our dark fiber infrastructure supports the latest technologies for network flexibility including DWDM, SONET, Gigabit Ethernet, ATM, Frame Relay and Video Applications.

Collocation

Building and maintaining network facilities can be costly and time consuming. Digital Teleport alleviates these issues by providing collocation facilities that are strategically located to facilitate high bandwidth connectivity to other POPs, carrier hotels, local switch offices and service providers. Our collocation facilities ensure fast provisioning without expensive buildouts and offer a cost-effective solution.

Schedule MDH-7

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All of our SS7 services are available from a single, reliable source.

SNET DG SS7 Services is a family of interconnection, gateway and database service — can custom-bundle for consistent, cost-effective performance. You can handle high volumes, deliver new services and redirect your administrative and development resources to where they'll bring the greatest return: sales and marketing. Most important, the services are all available from a single, reliable source. One contract, one business relationship, one uniformly high set of performance standards.

NEW! The industry's most sophisticated network monitoring and troubleshooting system: Agilent acceSS7, now monitors every mile of our nationwide SS7 network. Choose SNET DG for access and transport, and your messages couldn't be in more reliable hands.

» SNET DG SS7 Services

Reliable, economical interconnection for all your signaling needs, origination to destination. Access to every U.S. and Canadian SS7 network. And strategically located customer access points for cost-effective connections.

» Intelligent Network Gateway

Choose the services your market and business require — from reliable call setup complete query routing system — custom-bundled and priced to keep you competitive. Transport via our nationwide SS7 network, now monitored by Agilent acceSS7.

» LIDB Gateway

Routing, transport, access, validation, protocol conversion and fraud protection for Calling Card, Bill-to-Third, Collect and Commercial Credit Card. Direct SS7 links to major U.S. and Canadian LIDBs.

» LIDB Database Service

Dependable access to your validation records, along with complete records maintenance support. Our unique revenue-sharing plan credits you when other carriers access records.

» Local Number Portability Gateway

Powerful SS7 interconnectivity, a national database and certification agreements with all U.S. NPACs.

» CNAM Gateway

Choose SNET DG, and one contract, with a single, reliable source delivers access to every major U.S. CNAM Database Service. No need to negotiate and manage multiple agreements. Transport via our Telcordia-spec SS7 nationwide network.

» CNAM Database

All you need is data. SNET's complete package includes storage and retrieval on Telcordia-spec systems, built-in reliability and flexible, customer-defined parameters.

» ANSI-41 Gateway

SNET DG's powerful, national SS7 network supports the ANSI-41 SS7 cellular intersystem protocol. A single agreement with a single, reliable source is all you deliver HLR (Home Location Register) validation nationwide.

» **8XX Gateway Service**

The easiest, most cost-effective way to enter the 8XX toll-free market. SNET DG all the features you need: We're a Telcordia-designated Responsible Organization (ORG) for 8XX records with direct access to the National 8XX Gateway Service Management System (SMS), and decades of 8XX service experience.

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- Number Portability
- Regional Switching & Transport
- SNET CMDS Hosting
- Operator Services
- Wireless Services

ISUP GATEWAY SERVICES

Intelligent network, intelligent choice. A seamless solution. A robust signaling network with access to and from every SS7-served U.S. and Canadian LATA. New, strategically located, cost-cutting customer access points, with more planned. And the world's most sophisticated network monitoring and troubleshooting system, Agilent acceSS7.

Simple, efficient and extremely cost effective

- >> **SS7 Main Page**
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- >> **LIDB Gateway**
- >> **LIDB Database**
- >> **Intelligent Gateway Services**
- >> **Local Number Portability Gateway**
- >> **CNAM Gateway**
- >> **CNAM Database Service**
- >> **ANSI-41 Gateway**
- >> **800 Gateway Service**

- ⋈ Efficient call setup (ISUP) for all calls using FGD/Message Trunk SS7 signaling 8XX, 1+, 0+/- or local seven-digit A or D link Interconnection to SNET DG's nationwide SS7 network
- ⋈ Access to all U.S. SS7-served LATAs
- ⋈ Access to all Canadian LATAs, coast to coast
- ⋈ Complete provisioning, pre-service testing and technical support available
- ⋈ Uniformly high performance locally, regionally and nationally
- ⋈ Built-in redundancy
- ⋈ 24 X 7 maintenance; industry-leading Network Operations Center
- ⋈ Agilent acceSS7 monitoring, nationwide
- ⋈ Consistent 99.999% reliability
- ⋈ Customized access and pricing options

A network, not an investment

- ⋈ SNET DG's established links connect you to every SS7-based LATA in the U.S. and Canada
- ⋈ SNET DG handles all of the coordination, ordering, implementation and testing
- ⋈ No additional network investment, no network administration

► Broad, flexible service array, all carried on the same links your ISUP messages—CNAM, LNP and CLASS features, Gateways for 800, ANSI-41 and LIDB

- ⋈ Performance that keeps you confident, pricing that keeps you competitive
- ⋈ Significant savings vs. direct connections
- ⋈ Route-based pricing
- ⋈ No minimum time requirements
- ⋈ Multiple-connection discounts
- ⋈ On-Net/Off-Net incentives
- ⋈ **One source, one contract, one uniformly high standard of performance**

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SNET DIVERSIFIED GROUP

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& Services

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Number Portability

Regional Switching
& Transport

SNET CMDS Hosting

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Wireless Services

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Gateway**>> **CNAM Gateway**>> **CNAM Database Service**>> **ANSI-41 Gateway**>> **800 Gateway Service****SNET DG LIDB Database Service**

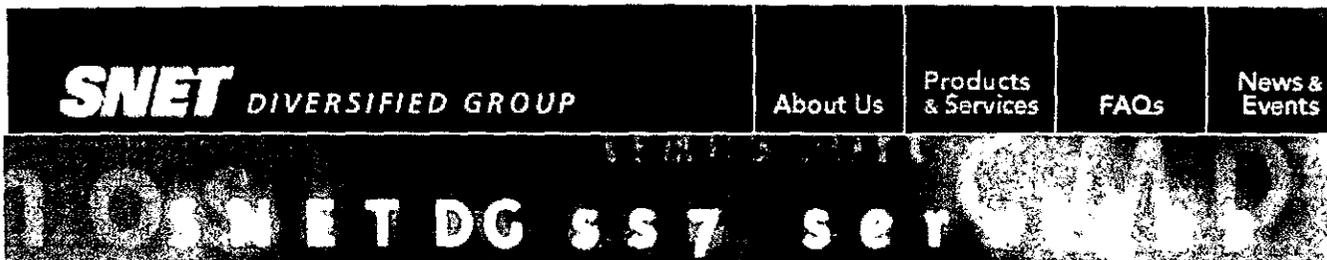
Secure storage, reliable retrieval, meticulous maintenance. All priced to protect your profits. Plus a unique revenue-sharing plan that credits you when other carriers access your records.

Revenue share partnership, Versatile and reliable

- Calling Card, Billed Number Screening, Public Phone Identification and Preferred IXC Lookup
- High capacity, partitioned storage
- Highly secure, environmentally controlled facilities
- Telcordia-spec systems
- Access via SNET DG SS7 links; fully redundant, totally reliable
- 24 X 7, SNET DG-managed monitoring and maintenance

The maintenance-free solution

- All you supply is data
- SNET DG's experienced database professionals consult with you and manage data to your specifications
- SNET coordinates every detail of hand-off and loading
- Prompt, accurate records maintenance; you simply supply updated data
- Emergency update capabilities
- State of the art
- All SNET storage and retrieval technologies are Telcordia-derived
- We participate in Telcordia development programs
- We implement upgraded SCP and LIDB AS technologies as soon as they become available
- Reassuring experience
- Carrier-side experience in all phases of database management, records hand-off and validation
- In our current environment, we manage more than 70 million LIDB records for a national customer base
- We seamlessly support the updating of those records
- No one has a better understanding of your high-traffic, highly demanding environment
- Pricing that includes income
- No cost for maintaining your own platform
- no charge for storing your own records
- When another carrier accesses your records, we credit you with a share of the revenue we charge for each validation attempt
- One simple contract covers all of your record storage needs — no complex negotiations, service inconsistencies, mismatched capabilities or uneven pricing



<p>Number Portability</p> <p>Regional Switching & Transport</p> <p>SNET CMDS Hosting</p> <p>Operator Services</p> <p>Wireless Services</p> <p>>> SS7 Main Page</p> <p>>> SS7 Services</p> <p>>> LIDB Gateway</p> <p>>> LIDB Database</p> <p>>> Intelligent Gateway Services</p> <p>>> Local Number Portability Gateway</p> <p>>> CNAM Gateway</p> <p>>> CNAM Database Service</p> <p>>> ANSI-41 Gateway</p> <p>>> 800 Gateway Service</p>	<hr/> <p>SNET DG LIDB Gateway Unsurpassed performance for LIDB validation query routing and transport. SNET DC leader, delivering a full complement of services — routing, access, transport, validal protocol conversion and fraud protection. For all types of calls — Calling Card, Bill-to-Third, Collect and Commercial Credit Card. And all at very competitive prices—</p> <ul style="list-style-type: none"> ⋆⋆ Direct links to all major U.S. and Canadian LIDBs ⋆⋆ Supports IP, X.25 and SS7 protocols ⋆⋆ Fully redundant network architecture and switch design ⋆⋆ High-security, environmentally controlled facilities ⋆⋆ Outstanding service history — consistent 99.999% reliability ⋆⋆ Agilent acceSS7 monitoring of our nationwide SS7 network ⋆⋆ When provided, returns LIDB-based OCN that reflects the true billing compai a portability/reseller environment <p>Standard features that include full service and support</p> <ul style="list-style-type: none"> ⋆⋆ IP, X.25 or SS7 access ⋆⋆ Complete diversity of all network components ⋆⋆ Design coordination ⋆⋆ Extensive customer testing and implementation support ⋆⋆ 24 X 7 monitoring and maintenance via SNET Network ⋆⋆ Administration Center <p>Features</p> <ul style="list-style-type: none"> ⋆⋆ Customized networking ⋆⋆ Commercial credit card authorization ⋆⋆ IP, X.25 protocol conversion ⋆⋆ Circuit provisioning and maintenance ⋆⋆ Customized reporting ⋆⋆ Powerful fraud control <p>SNET DG'S Network Fraud Control System (NFCS) is one of the most sophisticated and flexible in the industry</p> <ul style="list-style-type: none"> ⋆⋆ Online access via internet or dial-up for both administration and reporting ⋆⋆ Real-time updating ⋆⋆ Advanced, integrated features ⋆⋆ Negative database — flexibility to block specific call types On/Off Net File thr ranges ⋆⋆ Record aging ⋆⋆ Global velocity checking ⋆⋆ Velocity checking — tallies calls to detect fraudulent calling patterns;
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VeriSign Telecommunications Services Build Tru Foundation for Delivering Voice and Data Service

Wireline and wireless carriers to benefit from end-to-end solutions provide combination of telecom leaders Illuminet and H.O. Systems with Internet VeriSign

Orlando, FL, March 19, 2002 - Building on its acquisitions of Illuminet Holdings, Inc. H.O. Systems, Inc., VeriSign, Inc. (Nasdaq:VRSN), the leading provider of digital trust services, today outlined its telecommunications strategy for delivering trusted service carriers can use to expand their data and voice service offerings for businesses and consumers.

VeriSign will focus its efforts on providing trusted end-to-end solutions for telecommunications carriers in three core areas:

- **Network Services:** VeriSign has the expertise to bridge IP and switch-based networks through management of the Internet's domain name system infrastru and as operator of the largest independently owned SS7 network in North Am The SS7 network provides connectivity, switch and transport functions essenti phone calls to be set up and completed on the Public Switched Telecommunic Network and enables seamless roaming by wireless phone users. VeriSign al provides business intelligence services that capture and report detailed netwo data.
- **Data Services:** VeriSign enables wireline and wireless data services such as addressing, wireless PKI, secure messaging, and wireless content delivery. It manages databases and provides access, transport, and delivery of data requ services and features such as subscriber line information, caller name delivery numbers, and number portability. VeriSign also provides Web-based business intelligence solutions for wireless carriers.
- **Mediation and Billing Services:** VeriSign provides advanced billing, paymen customer care solutions to wireless carriers and is the second largest wireless clearing provider in the U.S. Its mediation services encompass wireless cleari settlement services, toll clearinghouse services, directory assistance call comp Operations Support System (OSS) Interconnection services, and SMS Interoperability. In addition, the company provides a comprehensive business operations support system to support voice and data services for wireless cari

"Carriers are interested in growth, customer retention, and revenue generation, and t subscribers are looking for new services," said Terry Kremian, VeriSign's executive v president, telecommunications services. "With our combination of network, data, mec and billing capabilities, VeriSign is going to ensure that the services we bring to mark deliver the features consumers want and significant revenue opportunities for carrier mission for telecommunications is to enable businesses and consumers to communic what they want, wherever they want and how they want."

VeriSign's broad telecom services—including those geared toward wireless carriers specifically—grow out of VeriSign's recent acquisitions.

"With the purchases of Illuminet and H.O. Systems, VeriSign has extended the reach of digital trust services from the Internet into the broader market for IP-based voice and telecommunications," said Scott Ellison, program director, Wireless and Mobile Communications, IDC. "VeriSign's moves represent a major step forward in making converged VoIP and data services on a single independent network a reality."

While wireline and wireless carriers will benefit from VeriSign's outsourced telecommunications services, growth in wireless data services is providing the fuel for product expansions announced today. These include:

Mobile Messaging Services

VeriSign is helping wireless carriers capitalize on the growth potential of mobile data services with its short message service (SMS) interoperability solutions for two-way text messaging and Instant Messaging. SprintPCS selected the Metcalf GM inter-carrier solution developed by Illuminet and MobileSpring, Inc., and VeriSign today announce relationship with Openwave to provide the Instant Messaging application (see related releases).

The inter-carrier SMS solution removes barriers between differing network protocols, allowing U.S. consumers to exchange text messages with friends and associates on phones even if they have different carriers. Two-way text messaging took off in Europe and Asia two years ago, to the tune of a 700 percent increase in SMS traffic in the first nine months after introduction in the UK, according to a Yankee Group report.

VeriSign is also planning to host Openwave's SMS-enabled mobile instant messaging solution for operators as a service bureau offering. This will provide operators with the combined advantages of their own branded, highly scalable, interoperable IM service with a low-risk, pay-as-you-grow model from a proven leader in service bureau offerings for operators. Operators will also benefit from an end-to-end solution to intelligently route, consolidate, and deliver their growing volume of SMS messages that originate or terminate outside of the operator's own network.

The explosion in use of wireless devices for data and voice communications is also expected to fuel tremendous growth in the wireless billing market. The worldwide data and wireless billing market is estimated to grow from \$94.6 million in 2001 to \$855.7 million in 2005, according to a December 2001 IDC report.

Mobile Data Services

To address the billing complexities that threaten to overwhelm carriers' existing business systems, VeriSign today will demonstrate its new infini-G™ solution developed by H.O. Systems, an always-on, real-time, stand-alone application that enables H.O. to rate text voice and data and gives carriers a way to bill for data that users download on their wireless devices. In addition, the company announced an upgraded Advance Pay Model to collect wireless billing payments upfront and a new offering of its customer-care speedNET™ network management solution.

"VeriSign's role is to bring high-demand services and revenues together," said Kremi. "Our service bureau solutions for interoperability, OSS and billing provide an opportunity to drive adoption of mobile messaging services by end users and allow operators to grow data services revenue with little or no capital investment."

Today, VeriSign also announced the launch of the WebNum™ Integrated Search & Directory Service, which will make it easier to navigate to wireless Web sites using a number associated with a particular Web site or using the domain name.

About VeriSign

VeriSign, Inc. (NASDAQ: VRSN) is the leading provider of digital trust services that everyone, everywhere to engage in commerce and communications with confidence. VeriSign's digital trust services create a trusted environment through four core offerings: Web presence services, security services, payment services, and telecommunication services—powered by a global infrastructure that manages more than five billion network connections and transactions a day. Additional news and information about the company is available at www.verisign.com.

VeriSign, a global leader in shaping the way people work and use the Internet, recently expanded its business into telecommunications through the acquisitions of Illuminet and H.O. Systems. This combines VeriSign's Internet infrastructure with Illuminet's SS7 network and H.O. Systems' billing and customer care solutions, enabling VeriSign to offer an end-to-end suite of network, data, mediation and billing services that meet telecommunications carriers' needs for growth, customer retention and revenue generation. This infrastructure and expertise positions VeriSign in a leading role to develop the products of convergence of voice and data networks.

Statements in this announcement other than historical data and information constitute forward-looking statements under the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Such statements involve risks and uncertainties that could cause VeriSign's actual results to differ materially from those stated or implied by such forward-looking statements. The potential risks and uncertainties include, among others: VeriSign's limited operating history under its current business structure; the risk that VeriSign and its acquired businesses will not integrate successfully and unanticipated costs of such integration; uncertainty of future revenue and profitability; potential fluctuations in quarterly operating results; failure of the combined company to retain and hire key executive, technical personnel and other employees; failure of the combined company to manage its growth and the difficulties of successfully managing a larger, more geographically dispersed organization; failure of the combined company to successfully manage relationships with customers, suppliers and strategic customers; network outages, network security constraints or security breaches; failure of the combined company's customers to accept new services or to continue to use the products and services of the combined company; and competition in the various markets serviced by the combined company. More information about potential factors that could affect the company's business and financial results is included in VeriSign's filings with the Securities and Exchange Commission, especially in the company's Annual Report on Form 10-K for the year ended December 31, 2001. VeriSign undertakes no obligation to update any of the forward-looking statements after the date of this press release.

VeriSign is a registered trademark of VeriSign, Inc. Other names may be trademarks of their respective owners.

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Customer Self Service

New name, same service - VeriSign's Online Applications area has been renamed Customer Self Service. Sign on to view, update and manage your customer information at any time, eliminating the potential for third-party error and paper waste. With VeriSign, carriers can perform data updates in near real-time and increase customer satisfaction.

NETWORK SERVICES

Operating the largest SS7 network in North America enables VeriSign to offer premier, independent and secure services to carriers.

- ▶ [Service Order Requests](#)
- ▶ [Mediated Softswitch Services](#)
- ▶ [Network Analysis Services](#)

WIRELESS

VeriSign's advanced online applications for wireless service providers enable subscribers to roam internationally.

- ▶ [International Roaming Database](#)
- ▶ [Roamer Operations Support Services \(ROSS\)](#)
- ▶ [SmartPay 3 Online Application](#)

DATABASE SERVICES

These leading edge wireline and next generation database applications offer carriers convenient access to competitive services. VeriSign operates the largest Calling Name Database in the US.

- ▶ [Line Information Database \(LIDB\)](#)
- ▶ [Calling Name Database \(CNAM\)](#)
- ▶ [Local Number Portability \(LNP\)](#)
- ▶ [TeleBlock Billing Detail Report](#)
- ▶ [8XX Service](#)
- ▶ [TeleBlock® Do-Not-Call Service](#)

MEDIATION SERVICES

VeriSign's complete and accessible operations support and clearinghouse services enable carriers to compete in today's competitive telecommunications environment.

- ▶ [OSS Interconnection Services](#)
- ▶ [Toll Clearinghouse](#)

INDUSTRY RELATIONS

VeriSign Telecommunication Services offers programs to businesses and consultants that share the benefits of VeriSign's technology and expertise. VeriSign industry relations programs are designed for consultants and providers

BUSINESS SUPPORT SERVICES

The merger between H.O. Systems and VeriSign enables us to offer advanced business support services that assure carriers the revenue they are entitled to. H.O. customers can access their online applications and resources by clicking on the links below.

- ▶ [EXTRAnet Applications](#)
- ▶ [Solution Center](#)
- ▶ [C.A.P. \(Conversion Automation Process\)](#)
- ▶ [Training](#)
- ▶ [HELPfiles](#)
- ▶ [Tracker Reports](#)

REPORTING SERVICES

VeriSign Telecommunications Services offers carriers a web-based file delivery system so they can download or view product reports.

- ▶ [File Delivery System](#)

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Wireline

Making connections and keeping them open is your business. Operating the largest independent SS7 network in North America enables VeriSign to offer carriers unmatched connectivity and reliability. VeriSign also offers a complete, end-to-end portfolio of network knowledge, database, billing and mediation to optimize the value of every subscriber.

NETWORK SERVICES

With VeriSign's comprehensive network services, carriers can leverage the power of SS7 without building their own network, offer their customers the speed and reliability of ISUP Trunk Signaling, and provide the convenience of TCAP CLASS.

- [SS7 Connectivity](#)
- [ISUP Trunk Signaling](#)
- [VeriSign Network Analysis](#)
- [TCAP CLASS Messaging](#)
- [Mediated Softswitch Services](#)

MEDIATION SERVICES

VeriSign offers the essential cost-saving billing and mediation services such as toll clearinghouse, payphone compensation and call management.

- [NetDiscovery Service for CALEA Compliance](#)
- [Directory Assistance Call Completion](#)
- [OSS Interconnection Services](#)
- [Clearinghouse Services](#)

DATABASE SERVICES

VeriSign keeps carriers competitive by providing the access, transport, and data delivery required for today's in-demand value-added services.

- [Calling Name Database Storage](#)
- [Calling Name Delivery Access and Transport](#)
- [Line Information Database \(LIDB\)](#)
- [LIDB Access and Transport](#)
- [Number Portability Service Order Admin \(SOA\)](#)
- [Number Portability Data Access](#)
- [Toll-Free Database Services \(8XX\)](#)
- [TeleBlock® \(Do Not Call\)](#)

STRATEGIC BUSINESS SERVICES

VeriSign offers the most advanced data mining and knowledge management solutions available. VeriSign's Total Network Knowledge provides visibility on every call. INO Enterprise Intelligence enables carriers to efficiently process vast amounts of data to shorten decision cycles and optimize revenue.

- [Consultant Liaison Program](#)
- [Alliance Program](#)
- [Interoperability Compliance Program](#)

SECURITY SERVICES

VeriSign offers carriers and service providers a number of services that deliver an unmatched level of security and reliability for voice and data transactions.



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USER GUIDES

Instructions on how to successfully establish SS7 connectivity with VeriSign, including specific steps in the link ordering, design and installation process. (password required)

- ▶ [Link Ordering and Design Implementation Guide](#)

Instructions on how to establish connectivity to the VeriSign signaling network and configure routing for associated services (Enhanced 800/888, ISUP Trunk Signaling, Calling Name Delivery and TCAP CLASS). (password required)

- ▶ [Signaling System 7 Implementation Guide](#)

FORMS

One form must be required for each switch. (password required)

- ▶ [IS-41 Signaling Destination Service Request - Attachment B \(GTT Information\)](#)
- ▶ [IS-41 Signaling Destination Service Request - Attachment C \(Roaming Partner\)](#)

Use this form to request SS7 diverse routing links. (password required)

- ▶ [Customer Diversity Request Form](#)

Use this form to obtain access and authorization to utilize the VeriSign on-line ordering resources. (general access)

- ▶ [Internet Order Authorization Form](#)

Use this form to request Trunk Signaling Service. (password required)

- ▶ [On-Net / Off-Net Trunk Signaling Service Agreement - Attachment "A"](#)

Use this form to designate company contacts including emergency phone numbers. (password required)

- ▶ [Operational Information \(OI\) Form - Attachment "C"](#)

Use this form to obtain a circuit quotation for links. (password required)

- ▶ [SS7 Link Provisioning Order Form - Attachment "A"](#)

Use this form to connect to the VeriSign network using Frame Relay links. (password required)

- ▶ [SS7 Link Provisioning Order Form - Attachment "B"](#)

Use this form to request TCAP Class Service for each of your switches. (password required)

- ▶ [TCAP Class Service Request Form](#)

Use this form to order TCAP/AIN service. (password required)

- ▶ [TCAP / AIN Query Transport Service Request](#)

Use this form to request TCAP/ISVM service for each of your switches. (password required)

- ▶ [TCAP/ISVM Form](#)

If you have questions or need help accessing the documents, please call your VeriSign Customer Care Specialist.

Overland Park, Kansas (913) 814-6200
Olympia, Washington (360) 493-6000



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TSI: Unleashing the full potential of new communications technologies and products

- operationally
- geographically
- financially

Claim your own territory.

Stay ahead of

Let us show you

SOLUTION 200

**TSI Expans
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in Amstera**

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- APRIL 21, 2003
TSI selects United Clearing To Bring Financial Net Settlement Services to GSM Operators
- APRIL 17, 2003
TSI To Provide Mobile Content For Two Wireless Carrier Customers
- MARCH 17, 2003
TSI and InterOP Partner To Bring SMS Solutions to Operators

EVENTS

- MAY 2003 - II CDMA Americas Operators Forum
- MAY 2003 - ASCENT Spring Conference

TSI Telecommunication Services Inc.



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CLEC / LEC / IXC

TSI is backed by more than a decade of proven experience, and unlike some of our providers, we own and operate our SS7 signaling transfer point (STP) hub; therefore we can ensure that updates to our network are completed accurately and on time every day at a critical point when customers demand quality and reliability.

- Carrier Access Billing Solutions (CABS)
- Local Number Portability
- SS7 Intelligent Network Services
- Web Based Applications
- Wholesale Networks

CARRIER ACCESS BILLING SOLUTIONS (CABS)

Access Revenue Management

A completely secure, end-to-end carrier access billing solution providing data collection, converting, billing and reporting, TSI's Access Revenue Management solution helps you recover the maximum compensation possible for the network facilities you provide to other carriers.

LOCAL NUMBER PORTABILITY

Inter-Carrier Communications Clearinghouse Solution

A simple, cost efficient way to reach all your porting partners. Rather than maintaining dedicated circuits to multiple porting partners, a single connection to TSI's clearinghouse provides a way to issue porting requests and responses.

Inter-Carrier Communications/Service Order Administration

A fully integrated service bureau application that efficiently manages the inter-carrier and the communications processes enabling end-to-end porting flow through.

LRN Query Service

INPort[®] LRN Query Service solution is a SS7 intelligent network-based service that provides a service bureau for location routing number (LRN) queries and translation for routing calls to numbers that have been ported.

SS7 INTELLIGENT NETWORK SERVICES

Commercial Credit Card Validation Service

TSI provides access to Commercial Credit Card Validation (CCCV) services for calls billed to credit cards.

Internet Calling Name Service

Give your customers a useful and economic alternative to a second line and a customer-pleasing way to manage calls while online.



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SS7 Intelligent Network Services

SS7 Database Services

What are TSI's SS7 Database Services? TSI Telecommunication Services Inc. (TSI) provides storage and transport for three database services that allow carriers to screen or route call perform other actions based on information obtained from a query to a database sent via SS7.

TSI's database services include:

- **Calling Name Service** – delivers the callers name to the called parties' handset or equipment
- **LIDB Service** – validates alternate billing on calls
- **Toll Free Service** – routes calls to the correct carrier selection database to translate free number to a routable telephone number

How Does It Work?

Your switch, which is programmed to suspend a call set up in progress, will launch a query to the SS7 network. TSI's network routes the query to the appropriate CNAM, LIDB or Toll Free database, obtains that database's response and forwards it back to your switch. Your switch will then perform an action based on the response received. For example, with a LIDB query your switch might route a service to a user trying to bill a toll call to a third-party number if the response indicates that the user's switch doesn't allow third-party billing.

Value of TSI's SS7 Database Services

- Increases revenue from sale of premium-priced calling name service instead of regulated calling ID services
- Increases revenue by storing your own calling name data and charging other operators for query your data
- Reduces fraud losses by validating alternately billed toll calls against LIDB databases
- Eliminates capital costs of building your own SS7 databases
- Slashes query charges due to TSI's scale of operations
- Minimizes operating costs of connecting to multiple SS7 databases
- Improves customer satisfaction by offering access to calling name data from most American SS7 databases
- Reduces staffing needs – TSI's SS7 expertise means you don't have to staff employees with this rare skill set

Benefits and Features

- Promotes sales of caller ID capable equipment
- Meets all applicable SS7 standards for links, databases, STPs and services
- Offers unparalleled industry expertise and reliability
- Global Title Translation applied when necessary to ensure accuracy of queries and responses

Not just keyboard jockeys

In much of today's telecommunication environment, many companies have chosen to contract out all of their installation and maintenance needs in the field. If a problem occurs, these technicians are dispatched to the trouble to try and determine the cause. Because these technicians are not dedicated to any one company and are usually thinly spread, restoration can be delayed. The **COOPERATIVES' BROADBAND NETWORK** does things the old fashioned way. We have technicians located across the network with the tools in hand needed to fix the problem and fix it fast.

Cooperatives' Broadband Network
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