

BEFORE THE PUBLIC UTILITIES COMMISSION OF OHIO

- - -

In the Matter of the
Petition of Intrado :
Communications, Inc. for :
Arbitration Pursuant to :
Section 252(b) of the :
Communications Act of : Case No. 07-1280-TP-ARB
1934, as amended, to :
Establish an :
Interconnection Agreement :
with Ohio Bell Telephone :
Company d/b/a AT&T Ohio. :

- - -

PROCEEDINGS

before Mr. L. Douglas Jennings, Hearing Examiner, and
Mr. Chris Kotting, Mr. Mick Twiss, and Ms. Lori
Sternisha, Panel Members, at the Public Utilities
Commission of Ohio, 180 East Broad Street, Room 11-G,
Columbus, Ohio, called at 9:30 a.m. on Wednesday,
October 15, 2008.

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VOLUME II

- - -

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1 Wednesday Afternoon Session,
2 October 15, 2008.

3 - - -

4 EXAMINER JENNINGS: We are ready to begin
5 again with AT&T's next witness.

6 MR. COVEY: AT&T calls Mark Neinast.

7 EXAMINER JENNINGS: Would you raise your
8 right hand, please?

9 (Witness sworn.)

10 - - -

11 MARK NEINAST
12 being first duly sworn, as prescribed by law, was
13 examined and testified as follows:

14 DIRECT EXAMINATION

15 By Mr. Covey:

16 Q. Mr. Neinast, do you have with you a
17 document labeled as Direct Testimony of Mark Neinast,
18 AT&T Ohio Exhibit 2?

19 A. Yes, I do.

20 Q. Does that consist of 62 pages of
21 questions and answers and five attachments?

22 A. That's correct.

23 Q. Was this prepared by you or under your
24 direction?

25 A. Yes.

1 Q. Do you have any changes, additions, or
2 corrections?

3 A. Just one minor change. In all of the
4 exhibits my name was misspelled.

5 Q. The I and the E are switched in
6 "Neinast"?

7 A. Yeah, for German it's E before I.

8 Q. With that correction is this the
9 testimony you wish to submit in this proceeding?

10 A. Yes, it is.

11 MR. COVEY: I make the witness available
12 for cross-examination.

13 EXAMINER JENNINGS: Thank you.

14 Ms. Kiser, you may proceed.

15 MS. KISER: Thank you.

16 - - -

17 CROSS-EXAMINATION

18 By Ms. Kiser:

19 Q. Good afternoon, Mr. Neinast.

20 A. Good afternoon.

21 Q. Would you agree that it's important for
22 911 calls to get to the correct public safety
23 answering point?

24 A. Absolutely.

25 Q. And on page 8 of your testimony you

1 Q. In the AT&T Ohio defined service
2 territory how many other carriers compete with AT&T
3 to provide services to the PSAPs?

4 A. Let me make sure I understand your
5 question. You're asking how many other --

6 Q. How many other carriers currently compete
7 with you today for the provision of public --
8 services to public safety answering points?

9 A. There are no competitors in that market
10 today in Ohio.

11 Q. On page 6, lines 17 to 19, and I believe
12 there may be some discussion at page 10, you don't
13 necessarily need to go there unless you feel you need
14 to after I ask the question, but you indicate that
15 CLECs have already established dedicated trunks and
16 diverse facilities to each AT&T Ohio selective
17 router; is that correct?

18 A. Yes, that's correct.

19 Q. And there was discussion during -- were
20 you here during the testimony of Ms. Pellerin?

21 A. Yes, I was.

22 Q. And there was some discussion about
23 AT&T's template interconnection agreement given to
24 CLECs and that it requires them to have dedicated
25 trunking to each E911 selective router of AT&T?

1 Q. Going back to the arrangements that you
2 have with CLECs, isn't it true that AT&T requires
3 competitors to have at least two direct trunks to
4 each AT&T selective router for reliability and
5 diversity purposes?

6 A. That's correct.

7 Q. And at page 8 you mention that the PSAP
8 queries the database, I believe somewhere between
9 lines 12 and 14. Who manages the database and makes
10 it available?

11 A. Well, in certain areas sometimes AT&T
12 does, sometimes Intrado does.

13 Q. Okay.

14 A. Depends on which state.

15 Q. Do you know in the state of Ohio how you
16 handle it?

17 A. I'm not sure of that.

18 Q. AT&T's Ohio tariff reflects that AT&T has
19 rates for this service provided to the PSAPs; is that
20 correct?

21 A. I've reviewed the tariff, but it's not
22 part of my testimony about the tariff so I didn't
23 focus on it. I'm the network witness so I've been
24 focused on all the policy and pricing aspects of the
25 tariff.

1 to be interconnected with the selective router or to
2 each appropriate -- emphasize the word
3 "appropriate" -- E911 selective router. Is every
4 PSAP that you serve connected to every selective
5 router that you have?

6 A. Of course not.

7 Q. So when you use the term "appropriate,"
8 that means the CLEC must get its traffic over the
9 trunk that goes to the selective router that is
10 connected to the public safety answering point that
11 will take the call.

12 A. If they want their customers to have
13 access to the 911 PSAP that provides service where
14 they're providing local exchange service, they will
15 need to have connectivity to that switch; there's no
16 other way to get it there.

17 Q. Thank you.

18 And so this decision, AT&T's network
19 design -- and AT&T I assume has a lot of experience
20 in engineering and network design -- that's set forth
21 in your template, that's predominantly based upon
22 reliability as well as the appropriate demarcation
23 point.

24 A. That's correct, all those are factored
25 in.

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1 Q. And those split wire centers were
2 established to address a very limited situation where
3 the public safety answering point geographic
4 territory straddles two ILEC geographic service
5 territories, correct?

6 A. Yeah, in some way that's kind of what it
7 is because what happens is the wire center boundaries
8 do not follow municipal boundaries, they're based on
9 electrical properties of the cable and the length of
10 the cable and so on, and then as cities -- as cities
11 have sprawled into suburbia, some of those overlap
12 these wire center boundaries that were set years ago,
13 and where that happens and where they are overlapping
14 and adjacent, they do not always overlap an adjacent
15 ILEC, but where they do overlap them, that would be
16 the case.

17 Q. Thank you.

18 AT&T's network is otherwise designed so
19 AT&T's end-users can make 911 calls and those calls
20 are transported over dedicated 911 trunks to the
21 appropriate selective router to AT&T's 911 PSAP
22 customer, correct?

23 A. That's correct.

24 Q. So when AT&T provides service to itself,
25 those customers, end-users, go over dedicated trunks

1 to AT&T's selective routers that are connected to the
2 appropriate PSAP.

3 A. That's correct.

4 Q. And AT&T's template interconnection
5 agreements require that CLECs interconnect with AT&T
6 to complete their customer 911 calls, the CLEC's
7 customer 911 calls, to AT&T's PSAP customers at every
8 AT&T selective router via dedicated trunks to ensure
9 that the customers dialing the 911 calls reach the
10 appropriate AT&T 911 PSAP customer.

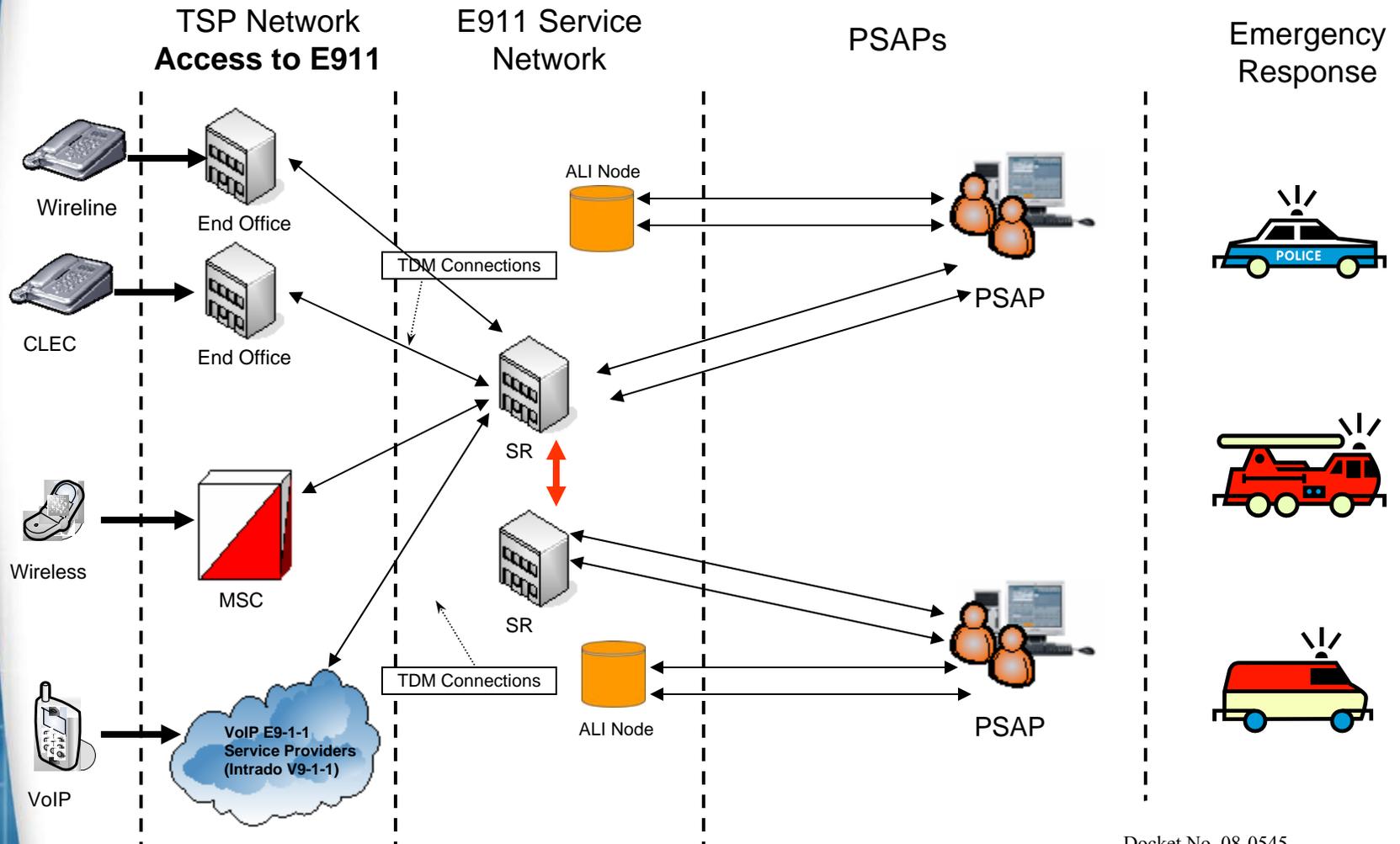
11 A. That's correct. Just as they're required
12 to interconnect to the appropriate access tandem to
13 deliver calls within that area, et cetera.

14 Q. And this would be true for wireless
15 carriers also.

16 A. It would be, yes. It would be true for
17 wireless also. You have to route to the right switch
18 to get to the right customer that is served by that
19 switch.

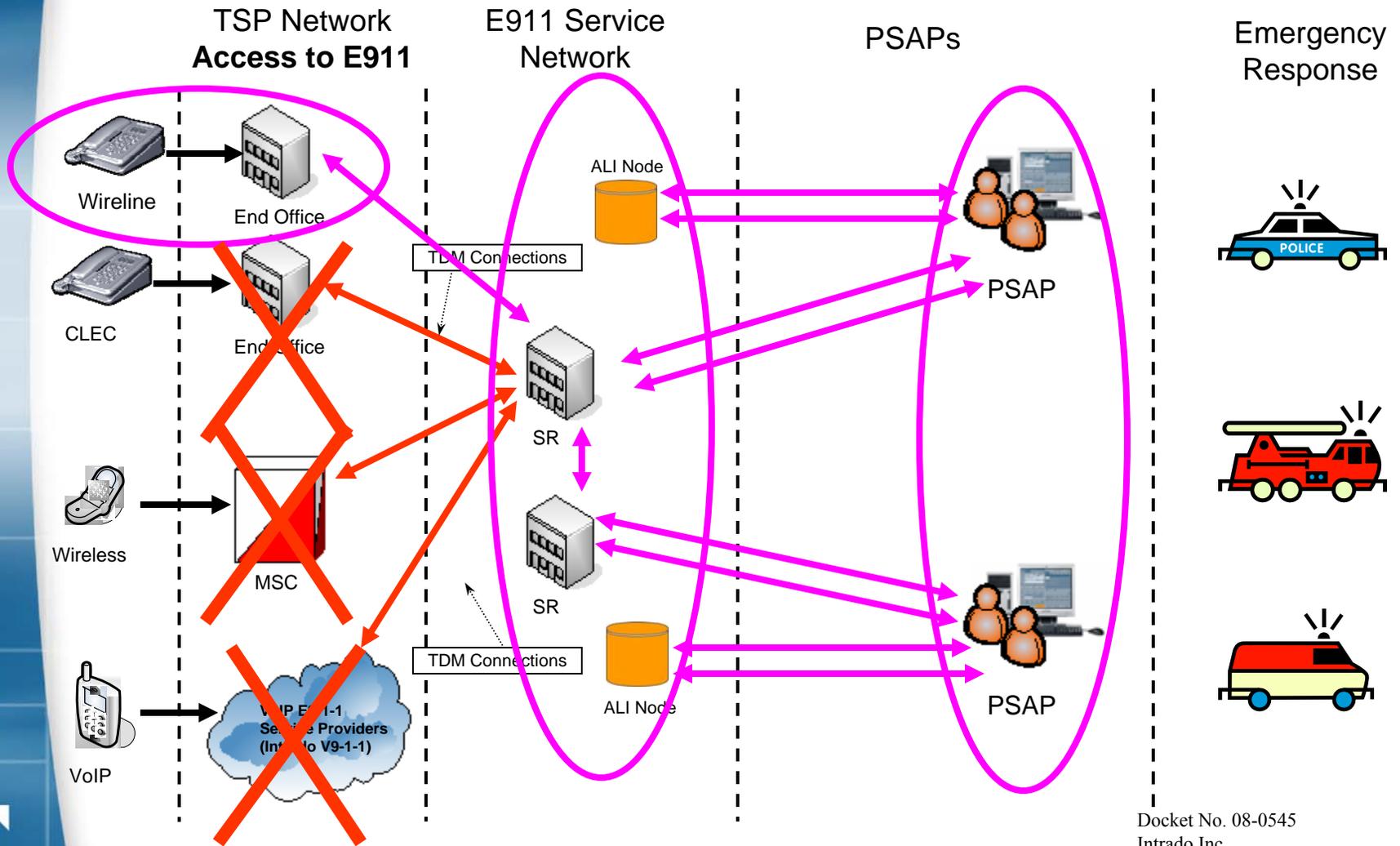
20 Q. So AT&T for its own customers, CLECs who
21 need to reach AT&T's PSAP customers, wireless
22 carriers who need to reach AT&T's 911 customers or
23 PSAP customers, all must use dedicated trunking to
24 AT&T's selective routers to reach -- to ensure their
25 911 callers reach the appropriate PSAP.

E911 System

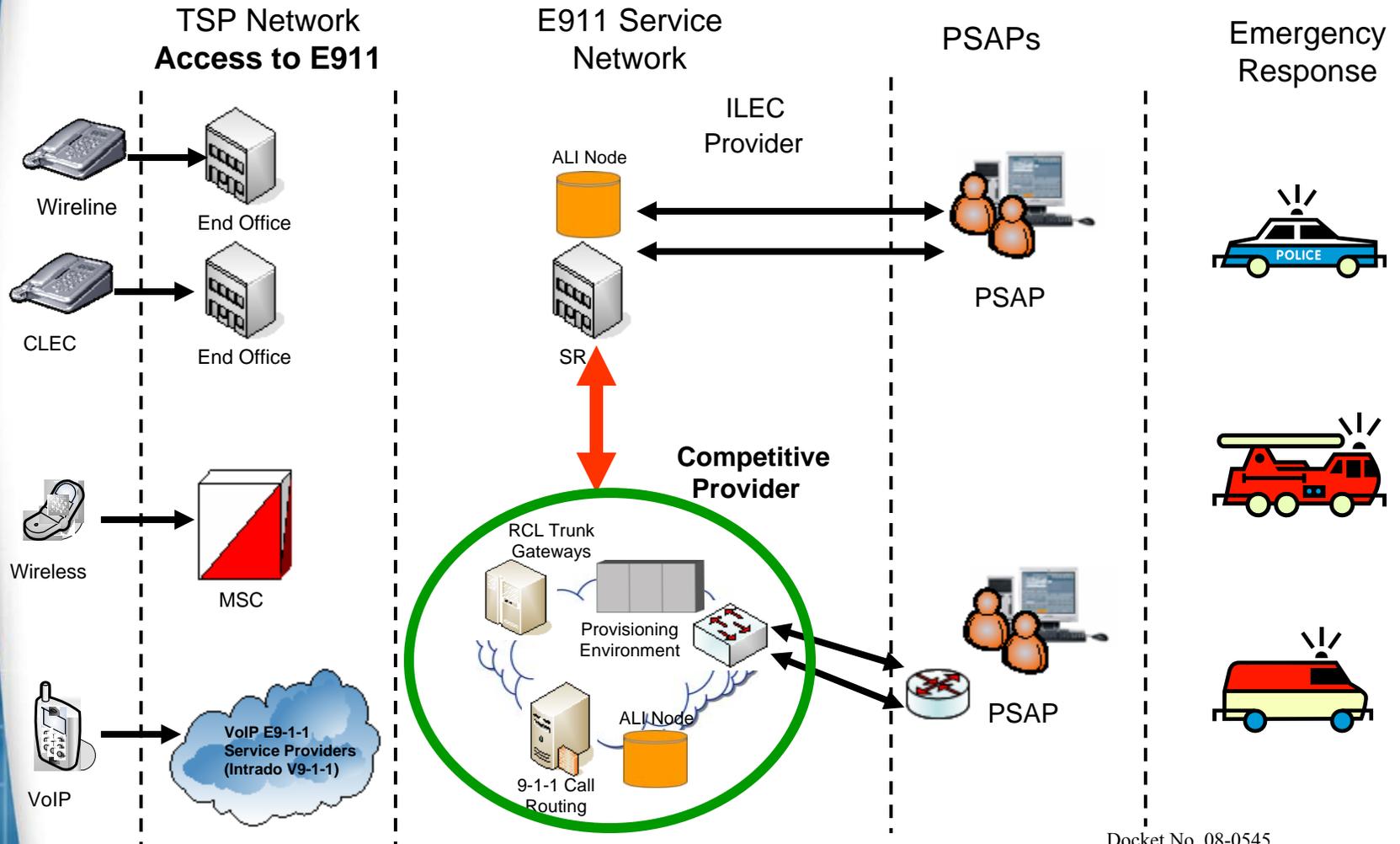


E911 System – Funding Realities

100% Funded



E911 System – Competitive Provider



By: David R. Conn

Vice President, Law and Regulatory Affairs

6400 C Street SW

Cedar Rapids, Iowa 52406

Original Sheet No. 1

Issued: November 13, 2002

Effective: November 27, 2002

TITLE SHEET

TELECOMMUNICATIONS SERVICES

This tariff applies to the Telecommunications Services furnished by McLeodUSA Telecommunications Services, Inc. ("McLeodUSA") between one or more points in the State of Illinois. This tariff is on file with the Illinois Commerce Commission, and copies may be inspected, during normal business hours, at McLeodUSA's principal place of business, 6400 C Street SW, Cedar Rapids, Iowa 52406-3177.

McLeodUSA Telecommunications Services, Inc. Illinois C.C. Tariff No. 2 is superceded in its entirety by McLeodUSA Telecommunications Services, Inc. Illinois C.C. Tariff No. 4.

By: David R. Conn

Vice President, Law and Regulatory Affairs

6400 C Street SW

Cedar Rapids, Iowa 52406

Fifth Revised Sheet No. 90.1

Cancelling Fourth Revised Sheet No. 90.1

Issued: February 2, 2005

Effective: February 3, 2005

4.0 Rates and Charges (cont'd) -

4.3 Rate Tables (cont'd)

4.3.5 Toll Free Services (cont'd)

4.3.5.A. Rate Table 5.1.3: Preferred Advantage® Inter/Intrastate Toll Free Plus

This is a switched Toll Free service that is available to business customers that do not purchase a bundled package of Preferred Advantage® local and long distance voice service for a physical location. Intrastate rates will be applied to any call record where the originating ANI is not provided by the customer or the originating carrier. Long Distance rates for Preferred Advantage® Inter/Intra State Switched Toll Free service require that a customer maintain an acceptable traffic distribution on its outgoing and incoming Long Distance calls. The total minutes of Long Distance calls must originate or terminate at least 70% of the time from or to end user customers located in a local exchange in which a Regional Bell Operating Company (“RBOC”) is the incumbent Local provider.

McLeodUSA has the right to switch customer to a different LD plan and provide service on a month-to-month arrangement when any customer’s Long Distance terminates less than 70% of the time to a LEC providing local service in an RBOC exchange. This toll free service is not available for any locations outside of the continental United States. All incoming toll free calls will be rounded and billed in 6-second increments. Toll Free features include: listing of Customer’s toll free number in the national Toll Free directory service; message referral that provides a disconnect or referral message on the toll free number; ability to restrict areas of service; geographical routing that permits multiple destinations of Toll Free based on NPA of the caller; time routing that permits customer to set multiple destination numbers based on time specifications; percent allocation routing that permits routing of calls to multiple destinations based on a percentage distribution; and route advance overflow that allow for a secondary target termination for overflow.

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Usage Rates for Customers without Local:	\$0.0449 per minute
Usage Rates for Customers with Local:	\$0.0350 per minute

By: David R. Conn

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6400 C Street SW

Cedar Rapids, Iowa 52406

Original Sheet No. 171

Issued: November 13, 2002

Effective: November 27, 2002

6.0 Grandfathered Services/Products (cont'd)

6.14 McLeodUSA Advantage - Business Long Distance

This service will no longer be available for new customers as of January 1, 2003.

B. Switched: Outbound and Toll Free Intrastate

This rate is the rate per minute. All calls will be rounded and billed in 6-second increments.

Ceiling Rate \$0.1190

C. Dedicated: Outbound and Toll Free Intrastate

This pricing is for Dynamic, Long Distance T-1 and Local T-1. This rate is the rate per minute. All calls will be rounded and billed in 6-second increments.

Ceiling Rate \$0.1190

D. Calling Cards

This rate is the rate per minute. All calls will be rounded and billed in 6-second increments. The below A La Carte rates are available to customers that have either only McLeodUSA long distance service or McLeodUSA local service. The Bundled rates are available to customers that have both McLeodUSA local AND long distance service.

A La Carte Rates

<u>Ceiling Rate</u>	<u>Mo-Mo</u>	<u>18 Mo</u>	<u>36 Mo</u>	<u>60 Mo</u>
\$0.3000	\$0.2200	\$0.2000	\$0.1900	\$0.1800

Bundled Rates

<u>Ceiling Rate</u>	<u>Mo-Mo</u>	<u>18 Mo.</u>	<u>36 Mo.</u>	<u>60 Mo.</u>
\$0.3000	\$0.2200	\$0.1900	\$0.1800	\$0.1700

D. Payphone Surcharge

Calling Cards - When a customer places a calling card call from a payphone, the customer will be assessed a per call surcharge of \$0.30.

Toll Free Numbers - If a customer has a Toll Free number and people calling the Toll Free number are using a payphone, the customer will be assessed a per call surcharge of \$0.30 for those calls.

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6400 C Street SW

Cedar Rapids, Iowa 52406

Issued: November 7, 2005

Second Revised Sheet No. 175

Cancelling First Revised Sheet No. 175

Effective: November 21, 2005

6.0 Grandfathered Services/Products (cont'd)

6.16 Business Preferred Advantage **K** Toll Free

(Effective May 9, 2003, this product is no longer available to new customers.)

This is a switched Toll Free service that is available to all business customers. A monthly recurring fee of \$7.50 plus a per minute usage charge set forth below applies to each call. This toll free service is not available for any locations outside of the continental United States. All incoming toll free calls will be rounded and billed in 6-second increments.

Per Minute Usage Rate \$0.09

(Section 6.16 was previously found on sheet 90.)

6.17 University of Illinois - Champaign - CallEdge® Advantage

(Effective October 27, 2003, this product is no longer available to new customers.)

(Section 6.17 was previously found in Section 4.3.15, sheets 110 through 115.)

If services are provided by McLeodUSA switching facilities, a Local Line Price Adjustment surcharge of \$5.00 is applied to each business local line that was established prior to November 21, 2005 (see Section 5.1).

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“CallEdge® Advantage Service” is a bundled package of flat rated local telecommunications service and local line features bundled with high speed data connectivity provided to multiple dwelling units (“MDU’s) situated within the Champaign, Illinois local exchange. Toll restriction call blocking service is mandatory for all CallEdge® Advantage lines. Long distance will be available using credit cards using toll free access. CallEdge® Advantage Service is available to entities that manage multiple dwelling units (“MDU”) that primarily house students attending a local college or university. McLeodUSA may in its sole discretion decide to use its own network facilities, facilities leased from another carrier, or a combination thereof. In instances where service is provided solely via McLeodUSA facilities, Customer and the owner of the facility(ies) managed by Customer must have executed an easement granting McLeodUSA authority to install network facilities and reasonable access to those facilities on the premises managed by Customer

Local Measured Service is not available in this CallEdge® Advantage. CallEdge® Advantage will be a flat rate local service. Includes basic feature package with voice mail, caller ID, flat rate line service and call restriction services.

<u>Lines*</u>	<u>36 Mo.</u>	<u>60 Mo.</u>	<u>Install</u>
1-6	N/A	N/A	N/A
7-24	\$27.94	\$25.70	\$15.00/line
25-49	\$27.10	\$24.93	\$15.00/line
50-99	\$26.28	\$24.18	\$15.00/line
100-199	\$24.72	\$22.26	\$15.00/line
200+	\$24.22	\$21.81	\$15.00/line

*Line totals will be based upon the total number of lines contracted by building management companies, not on a per building basis.

By: David R. Conn

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First Revised Sheet No. 185
 Cancelling Original Sheet No.185

Issued: March 23, 2004

Effective: March 24, 2004

6.0 Grandfathered Services/Products (cont'd)

6.24 Business Preferred Advantage~~K~~ Inter/Intra State Switched Toll Free Service

Effective March 23, 2004, this product is no longer available to new customers

This is a switched Toll Free service that is available to business customers that do not purchase a bundled package of Preferred Advantage~~K~~ local and long distance voice service for a physical location. Intrastate rates will be applied to any call record where the originating ANI is not provided by the customer or the originating carrier. These rates are based on an expected ratio of at least 80% of Customer's long distance in-bound minutes in a given month originating from an RBOC end-user and no more than 20% of the long distance minutes originating from non-RBOC end users. If more than 20% of Customer's total long distance call minutes in a month originate from non-RBOC end users, then an additional charge of \$0.025/minute will be added for those long distance minutes in excess of the permitted 20% non-RBOC origination. This toll free service is not available for any locations outside of the continental United States. All incoming toll free calls will be rounded and billed in 6-second increments. Toll Free features include: listing of Customer's toll free number in the national Toll Free directory service; message referral that provides a disconnect or referral message on the toll free number; ability to restrict areas of service; geographical routing that permits multiple destinations of Toll Free based on NPA of the caller; time routing that permits customer to set multiple destination numbers based on time specifications; percent allocation routing that permits routing of calls to multiple destinations based on a percentage distribution; and route advance overflow that allow for a secondary target termination for overflow.

Toll Free Directory Assistance:	\$15.00/number
Route Advance:	\$20.00

Business Preferred Advantage~~K~~ Inter/Intra State Switched Toll Free Service for Customers Without Local

Per Minute Usage Rate:	\$0.0571
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Business Preferred Advantage~~K~~ Inter/Intra State Switched Toll Free Service for Customers With Local

Per Minute Usage Rate:	\$0.0494
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(Section 6.24 was previously found on Sheet Nos. 90.01 and 90.1)

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14. SPRINT REAL SOLUTIONS VPN SERVICES

1. Overview

1. Description

Sprint Real Solutions VPNSM Services are flat rated services with a single rate for each jurisdiction and service, for a given term and hierarchy minimum annual commitment level (MAC). Rates are also differentiated by how the call is placed on the Sprint intelligent network via on-on, on-off, off-on, and off-off call types. The services available under Sprint Real Solutions VPN include outbound voice, toll-free, FONCARD, and switched data services. Sprint Real Solutions VPN service offerings include interstate and international outbound (including cellular), FONCARD, Sprint International Access, switched data services, interstate toll free, and International Toll-Free Service. Certain Sprint data services contribute to the Sprint Real Solutions VPN customer's MAC. Sprint Real Solutions VPNSM customers cannot subscribe to Sprint Clarity, The Most for Business, Business Sense, Sprint Real Solutions Option A, Sprint Real Solutions Annual, Business Flex or Sprint Premiere services. Customer will award Sprint not less than 100% of its and its affiliates' long distance communications service. "Affiliates" means those locations for which customer either purchases, controls or directs the purchases of long distance telecommunications service on the agreement's effective date. The calculation above does not include: (i) any binding commitments that customer or its affiliates have with another long distance carrier on the agreement's effective date; or (ii) service that is routed to another carrier, but only during the period of any Sprint Service outage.

2. Access Options

Sprint Real Solutions VPN offers switched and dedicated access options as described in Section 3.1 of [Business Communications Services](#). See [Sprint Schedule No. 8](#) for all Local Access Facilities components and rates.

3. Billing Increments

1. Outbound and FONCARD rates are billed in 6-second increments with an 18-second minimum for domestic and a 30-second minimum for international calls.
2. Toll free rates are billed in 6-second increments with an 18-second minimum for domestic and a 30-second minimum for international calls.
3. Switched data services rates are billed in 6-second increments with an 18-second minimum for domestic and a 30-second minimum for international calls.
4. International Toll Free Service international calls are billed in six-second increments with a 30-second per-call minimum.

Text currently on this page was previously found on Page 2.

14. SPRINT REAL SOLUTIONS VPN SERVICES (Continued)

1. Overview (Continued)

4. Minimum Annual Commitment Levels

The customer must commit to one of the following minimum annual commitment (MAC) levels in order to subscribe to Sprint Real Solutions VPN Services. Sprint Real Solutions VPN Services are available on a two-year or three-year term basis. Contributory usage charges (calculated prior to the application of discounts) are aggregated across toll free, switched data services (inbound and outbound), outbound, Sprint International Access, FONCARD (including surcharges), and Operator Services, including all calling options, all locations, and all jurisdictions (intrastate, interstate, and international) in order to meet the MAC level. In addition, customer's total monthly circuit charges for the interexchange portion of customer's domestic Clearline private line circuits (other than Clearline 45), calculated after all available discounts have been applied, and customer's monthly charges for Sprint Frame Relay (access channels and PVC's only), Sprint Enhanced Frame Relay (access channels and PVC's only), Sprint X.25 Services, Sprint IP Services, Sprint IP Web Hosting Services, Access Coordination Fee (dedicated access only), Central Office Connection (dedicated access only), Local T-1 Access Facility Charges, all calculated after all available discounts have been applied, shall be contributory towards the MAC level. All monthly recurring charges also contribute to the MAC level. Directory Assistance and any other access charges (including, but not limited to, Carrier Universal Service Charges and Presubscribed Line Charges) not specified above are not contributory to meeting the MAC level.

A customer may cancel (or terminate) a term plan agreement without liability as long as the customer signs up for a new term plan agreement which is the same or greater in length and the customer commits to an equal or greater MAC level. Minimum Annual Commitment Levels (per year) are: (1) \$120,000; (2) \$180,000; (3) \$240,000; (4) \$300,000; (5) \$420,000; (6) \$540,000; (7) \$780,000; (8) \$960,000.

5. Termination Liability

Sprint Real Solutions VPN Services customers terminating all Sprint Real Solutions VPN Services prior to fulfilling their term commitment will be assessed a termination liability in an amount equal to the underutilized portion of the MAC plus the full MAC for any remaining 12 month periods in their term plan agreement. The termination liability will be billed in one lump sum. Customers will not incur this termination liability for their former term plan commitment if they request a new MAC equal to or greater than the previous level and agree to sign a new term plan agreement for a period equal to or greater than the term of their current plan. They will, however, be assessed the termination liability if they terminate all Sprint Real Solutions VPN service prior to fulfilling their new term commitments.

A term plan will automatically renew for an equivalent term and MAC level unless the customer provides written notification to cancel the plan, with such notification being received by Sprint not less than 45 days prior to the expiration of the term.

Text currently on this page was previously located on Page 3. Text previously on this page is now located on Page 1.

14. SPRINT REAL SOLUTIONS VPN SERVICES (Continued)

2. Charges

1. Monthly Recurring Charges

The interstate and international [Toll Free Service Monthly Recurring Charges](#) apply.

2. Surcharges

1. FONCARD Surcharges

[Sprint Real Solutions VPN FONCARD Surcharges](#) are applied on a per call basis.

2. Sprint International Access Surcharges

In addition to the applicable Sprint International Access usage rates, [Sprint Real Solutions VPN International Access Surcharges](#) apply per call.

3. Operator Services

The operator services rates found in Section 14.3.1 apply to domestic calls and the rates [Sprint Real Solutions VPN Dial-1 and FONCARD International Rates](#) apply to international calls. [State-to-State Operator Service Call Placement Charges](#) and [International Operator Service Call Placement Charges](#) apply per call.

4. Directory Assistance

[Directory Assistance](#), including National Directory Assistance, is available.

5. Route Advance Surcharge

See Section 3.2.4.2 of [Business Communications Services](#) for the Route Advance Surcharge terms and conditions. The following per minute surcharge applies in addition to the standard usage rates.

<u>Per Minute Service</u>	<u>Surcharge</u>
Toll Free (Off-Net termination)	\$0.10
Toll Free (On-Net termination)	0.00

14. SPRINT REAL SOLUTIONS VPN SERVICES (Continued)

2. Charges (Continued)

2. Surcharges (Continued)

6. Interactive Toll Free

The charges in Section 6.2.3.7 of [Sprint Real Solutions](#) apply

3. Features

For a description of the available features, see [Sprint Features Descriptions for Schedule No. 11](#). [Sprint Real Solutions VPN Feature Rates](#) apply.

4. Other Charges

Explanation for these charges is found in Section 3.2.5 of [Business Communications Services](#).

1. Maintenance Charges

		<u>Non-Recurring Change Charge</u>
Moves and Rearrangements		
- Analog		\$120
- T-1		See Sprint Schedule No. 8
Number to Circuit Change		\$100 per number
Change Sprint Toll Free Number		\$100 per number
Change DNIS digits outpulsed		\$100 per service group
2. <u>Out of Hours Work Charge</u>	<u>Per Hour</u>	<u>Minimum</u>
	\$150.00	\$300.00
3. <u>Troubleshooting Charges</u>	<u>Per Hour</u>	<u>Minimum</u>
1) Trouble Shooting by Sprint	\$100.00	\$200.00
2) Trouble Shooting by local telephone company	Rate equal to charge assessed Sprint by local telephone company plus 5% surcharge for administrative expense	
3) Trouble shooting by vendor of customer-owned equipment	Rate equal to charge assessed Sprint by local telephone company plus 5% surcharge for administrative expense	

Text currently on this page was previously located on Pages 6-13. Text previously on this page is now located on Page 3.

14. SPRINT REAL SOLUTIONS VPNSM SERVICES (Continued)

3. Usage Charges

The following interstate per minute rates are billed in 6-second increments with a per call minimum of 18 seconds.

1. Interstate Dial-1 and Toll Free Services

The following usage rates apply to interstate Dial-1 and toll free services. Dial-1 interstate service is available to customers in the U.S. Mainland, Hawaii, Puerto Rico and the U.S. Virgin Islands. Dial-1 interstate calls may terminate to a state, U.S. possession or territory that is different from the originating location. Dial-1 terminating locations include the U.S. Mainland, Alaska, American Samoa, CNMI, Guam, Hawaii, Puerto Rico, and the U.S. Virgin Islands unless otherwise specified in Schedule No. 11. Interstate toll free calls may originate in the U.S. Mainland, Alaska, American Samoa, CNMI, Hawaii, Puerto Rico, and the U.S. Virgin Islands, unless otherwise specified in Schedule No. 11. Interstate toll free calls may terminate to the U.S. Mainland, Hawaii, Puerto Rico, and the U.S. Virgin Islands.

<u>MAC</u>	<u>Term</u>	<u>Off Net - Off Net</u>	<u>On Net - Off Net</u>	<u>Off Net - On Net</u>	<u>On Net - On Net</u>
\$120,000	2 year	\$0.1593	\$0.0980	\$0.0980	\$0.0564
	3 year	0.1568	0.0968	0.0968	0.0539
\$180,000	2 year	0.1568	0.0968	0.0968	0.0551
	3 year	0.1556	0.0956	0.0956	0.0527
\$240,000	2 year	0.1568	0.0968	0.0968	0.0551
	3 year	0.1556	0.0956	0.0956	0.0527
\$300,000	2 year	0.1556	0.0956	0.0956	0.0539
	3 year	0.1544	0.0943	0.0943	0.0515
\$420,000	2 year	0.1544	0.0943	0.0943	0.0527
	3 year	0.1519	0.0931	0.0931	0.0502
\$540,000	2 year	0.1544	0.0943	0.0943	0.0527
	3 year	0.1519	0.0931	0.0931	0.0502
\$780,000	2 year	0.1482	0.0931	0.0931	0.0515
	3 year	0.1458	0.0919	0.0919	0.0490
\$960,000	2 year	0.1470	0.0931	0.0931	0.0515
	3 year	0.1458	0.0919	0.0919	0.0490

Text currently on this page was previously located on Page 14. Text previously on this page is now located on Page 3.

Issued: July 22, 2005

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14. SPRINT REAL SOLUTIONS VPN SERVICES (Continued)

3. Usage Charges (Continued)

2. Interstate FONCARD Service

FONCARD service is available from the U.S. Mainland, Alaska, CNMI, Guam, Hawaii, Puerto Rico, and the U.S. Virgin Islands. Interstate calls may terminate to a state, U.S. possession or territory that is different from the originating location. Terminating locations include the U.S. Mainland, Alaska, American Samoa, CNMI, Guam, Hawaii, Puerto Rico, and the U.S. Virgin Islands unless otherwise specified in Schedule No. 11. [Sprint Real Solutions VPN FONCARD Surcharges](#) apply per call.

All Hours - \$0.3308

3. Interstate SDS and Toll Free SDS Services

The following rates apply to interstate SDS and SDS toll free services. SDS interstate service is available to customers in the U.S. Mainland, Hawaii, Puerto Rico and the U.S. Virgin Islands. SDS interstate calls terminate to a state, U.S. possession or territory that is different from the originating location. Terminating locations for SDS interstate service include the U.S. Mainland, Alaska, American Samoa, CNMI, Guam, Hawaii, Puerto Rico, and the U.S. Virgin Islands unless otherwise specified in Schedule No. 11. SDS interstate toll free service is available for calls originating in the U.S. Mainland, Alaska, American Samoa, CNMI, Guam, Hawaii Puerto Rico, and the U.S. Virgin Islands unless otherwise specified in Schedule No.11. Interstate toll free calls may terminate to the U.S. Mainland, Hawaii, Puerto Rico and the U.S. Virgin Islands. Toll Free SDS is unavailable for On-Net to On-Net calling.

<u>MAC</u>	<u>Term</u>	<u>Off Net - Off Net</u>	<u>On Net - Off Net</u>	<u>Off Net - On Net</u>	<u>On Net - On Net</u>
\$120,000	2 year	\$0.2132	\$0.1458	\$0.1458	\$0.1029
	3 year	0.2058	0.1372	0.1372	0.0943
\$180,000	2 year	0.2107	0.1409	0.1409	0.0980
	3 year	0.2021	0.1360	0.1360	0.0931
\$240,000	2 year	0.2083	0.1397	0.1397	0.0968
	3 year	0.1997	0.1335	0.1335	0.0907
\$300,000	2 year	0.2070	0.1397	0.1397	0.0968
	3 year	0.1985	0.1323	0.1323	0.0894
\$420,000	2 year	0.2058	0.1384	0.1384	0.0956
	3 year	0.1972	0.1323	0.1323	0.0894
\$540,000	2 year	0.2058	0.1372	0.1372	0.0943
	3 year	0.1972	0.1311	0.1311	0.0882
\$780,000	2 year	0.2034	0.1360	0.1360	0.0931
	3 year	0.1960	0.1299	0.1299	0.0870
\$960,000	2 year	0.2034	0.1360	0.1360	0.0931
	3 year	0.1960	0.1299	0.1299	0.0870

Text currently on this page was previously located on Pages 14 and 15. Text previously on this page is now located on Pages 3 and 4.

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14. SPRINT REAL SOLUTIONS VPN SERVICES (Continued)

3. Usage Charges (Continued)

4. International Dial-1 and FONCARD

[Sprint Real Solutions VPN Dial-1 and FONCARD International Rates](#) apply.
[Sprint Real Solutions VPN FONCARD Surcharges](#) apply per call.

5. International SDS

[Sprint Real Solutions VPN Services International SDS Rates](#) apply.

6. International Toll Free Service (Inbound)

[Sprint Real Solutions VPN Services International Toll Free](#) Rates apply.

7. International-to-International Toll Free

[Sprint Real Solutions VPN International-to-International Toll Free Rates](#) apply.

8. Sprint International Access

[Sprint Real Solutions VPN International Access Rates](#) apply. In addition,
[Sprint Real Solutions VPN International Access Surcharges](#) apply per call.

9. Toll Free International Termination

[Sprint Real Solutions VPN Toll Free with International Termination Rates](#) apply.

10. Sprint International Access Country-to-Country Calling

[Sprint Real Solutions VPN International Access Country-to-Country Calling Rates](#) apply.

4. Discounts

Sprint Real Solutions VPN Services offer a volume discount on international jurisdiction calls using outbound, toll free, FONCARD, or switched data services. The discount is based on minimum monthly spending levels for international usage according to the following discount schedule:

<u>MAC Level</u>	<u>Monthly International Threshold</u>	<u>Percentage Discount Off International Usage</u>
\$120,000	\$1,500	10%
\$180,000	\$2,250	10%
\$240,000	\$3,000	10%
\$300,000	\$3,750	10%
\$420,000	\$5,250	10%
\$540,000	\$6,750	10%
\$780,000	\$9,750	10%
\$960,000	\$12,000	10%

Monthly International Threshold means the amount included in the table above for International Usage. International Usage means customer's total monthly usage charges for Sprint Real Solutions VPN inbound, outbound, FONCARD, and switched data services.

14. SPRINT REAL SOLUTIONS VPNSM SERVICES (Continued)

6. Service Guarantees

1. Sprint Secure and Sprint Secure Satisfaction Guarantee

Sprint Secure and Sprint Secure Satisfaction Guarantee are available for selected Sprint toll free and VPN products. There are no charges associated with these services. A description of these services and the terms and conditions for these services may be found at [Sprint Secure and Sprint Secure Satisfaction Guarantee](#).

2. Sprint Security Support Services

Sprint Security Support Services includes SprintGUARD Basic, SprintGUARD Plus, and SprintGUARD Elite. There is no charge for SprintGUARD Basic. A description of these services, terms and conditions for these services, and charges for SprintGUARD Plus, and SprintGUARD Elite may be found at [Sprint Security Support Services](#).

7. Multi-Media Services

1. Sprint Audio Conferencing*

Sprint Audio Conferencing services provides a unique toll free number for Real Solutions VPN customers to access Sprint Audio Conferencing reservations and customer service. The rates, terms and conditions for this service can be found in Section 40, [Sprint Audio Conferencing](#).

2. Switched Video Conferencing*

Sprint Voice VPN Solutions customers have On-Net access to Sprint Video Conferencing services and the appropriate On-Net to On-Net or Off-Net to On-Net usage rates in Section 14.3.1 will be applied to Sprint Voice VPN Solutions calls into Sprint's video network. All Sprint Video Conferencing charges can be found in Section 40, [Sprint Audio Conferencing](#).

Text currently on this page was previously located on Pages 69-70 Text previously on this page is now located on Page 4.

Pages 9-70 have been deleted.

* Effective 7-1-05, this service is no longer available to new customers.