
AREAWIDE NETWORKING**A. General**

1. Descriptive Summary

- a. AreaWide Networking is a service that improves the interlocation networking capabilities of customers connected to Company central offices. AreaWide Networking allows a customer having multiple locations and/or multiple telecommunication systems to establish a uniform dialing environment and/or remote access to network facilities.
- b. AreaWide Networking uses the public switched network to provide capabilities and features typical of a virtual private network. Interlocation transport through the public network and/or private dedicated facilities is provided to end-users with a Private Branch Exchange (PBX), key system, Plexar, Centrex or an individual exchange access line. AreaWide Networking has available three types of standard service: a Dialing Plan Service option, a Remote Access to Facilities option and an Access Path Dialing Plan option. These standard service options can be purchased where Company facilities and equipment are available.
- c. AreaWide Networking requires customers to subscribe to the basic Company exchange services (i.e., Digital Loop Service, Plexar, single business line, etc.) in addition to the AreaWide Networking service, in order to provide the networking capabilities described above.
- d. Optional expanded local calling scopes and optional toll-free calling scopes available to other Company business and end user customers are also available to AreaWide Networking customers at the applicable rates and charges as specified in the appropriate offerings of the Company. The rates, charges and regulations in this section are in addition to those specified in this and other Company guidebooks (e.g., Local Exchange, Long Distance Message Telecommunications, etc.).

2. Service Availability

The Company will provide AreaWide Networking service from any Company exchange to another Company exchange within a geographic service area known as a Local Access and Transport Area (LATA), where facilities and equipment are available. The customer is responsible for designating Preferred Interexchange Carrier(s) (PICs) for applicable AreaWide Networking calls. Calls terminating inside the LATA boundary will incur toll charges, when applicable. This guidebook section does not create an obligation for the Company to construct such facilities or equipment for this service.

AREAWIDE NETWORKING (cont'd)**B. Standard Service**

1. Option I - Dialing Plan Service

- a. Enables the AreaWide Networking customer to provide an abbreviated and customized dialing plan for intra and interlocation calls and provides a platform on which to add an array of optional features. Dialing Plan numbers may consist of exchange access lines, PBX/Key system stations, Plexar stations or Centrex stations that have access to a Dialing Plan. The public switched network is used to complete calls between AreaWide Networking equipped station users of the same customer that are served by different telecommunications systems (i.e. PBX, Plexar, Centrex, etc.). There are two types of Dialing Plan configurations available:

Location Code Dialing Plan - Enables the AreaWide Networking customer to have extension numbers that consist of a leading dialed digit(s), followed by from one to seven digits of the end-user's North American Numbering Plan (NANP) telephone number. This Dialing Plan choice permits duplication of the extensions among locations served by different switches. The customer is not limited to 10,000 AreaWide Networking stations in this configuration. This location code can only be used by callers from within the AreaWide Networking customer's network.

Extension Number Portability Dialing Plan - Enables the AreaWide Networking customer to have an extension number that is independent of the NANP number. When an end-user moves from one location to another, the NANP number may change but the assigned AreaWide Networking extension number can remain the same. This extension code can only be used by callers from within the AreaWide Networking customer's network.

- b. The AreaWide Networking service customer must subscribe to a Dialing Plan on a minimum of ten stations. The subscriber may designate which stations at each location will become part of the Dialing Plan Service.

2. Option II - Remote Access To Facilities

- a. Allows the AreaWide Networking customer to provide access to dedicated facilities established at designated AreaWide Networking locations.
- b. Access to the facility group(s) in the customer's AreaWide Network is gained by dialing a seven or ten digit NANP telephone number.
- c. The Remote Access to Facilities option provides the customer with access to dedicated facilities but does not include the rates and charges that apply for the actual facilities. These facilities can be ordered out of the appropriate guidebooks.

AREAWIDE NETWORKING (cont'd)**B. Standard Service (cont'd)**

3. Option III - Access Path Dialing Plan Service
 - a. Enables the AreaWide Networking customer to provide an abbreviated and customized dialing plan for intra and interlocation calls and provides a platform on which to add an array of optional features.
 - b. The Public Switched Network is used to complete calls between different locations of the same customer when the locations are served by different telecommunications systems (i.e., PBX, Plexar, Centrex, etc.)
 - c. Users may gain access to the dialing plan service on a limited basis, based on the number of originating access paths that are ordered for each location desiring to originate dialing plan calls.
 - d. Both Location Code Dialing and Extension Number Portability dialing are permitted under this plan.

C. Optional Service Features

1. Option I - Dialing Plan Service
 - a. Automatic Selection of Facilities (ASF) - Routes calls originated from an AreaWide Networking customer to private or public facilities for efficient management of outgoing calls. The following options are available:

On-Network Based Routing - Provides the ability to select the facilities/carriers (i.e. interexchange carriers) to route calls within the AreaWide Networking network. For intra-location and intraLATA calls, the Public Network Facilities will be used (unless other facilities are identified.). For interLATA calls the AreaWide Networking customer must specify the facilities/carriers over which the calls will be routed.

Off-Network Based Routing - Provides the ability to select the carriers to route calls outside the AreaWide Networking network. For intraLATA calls, the Public Network Facilities will be used (unless other facilities are identified). For interLATA calls, the AreaWide Networking customer must specify the facilities/carriers over which the calls will be routed.

AREAWIDE NETWORKING (cont'd)**C. Optional Service Features (cont'd)**

1. Option I - Dialing Plan Service (cont'd)

- b. Additional options available to both On-Network and Off-Network Based Routing include:

Numbering Plan Area (NPA) Based Routing - Allows the AreaWide Networking customer to specify up to ten terminating NPAs, including an "other" option. If the NPA of the called party number does not match any of the specified NPAs, the call will be routed using the type of facilities and carrier specified by the "other" option.

Time-Of-Day/Day-Of-Week (TOD/DOW) Routing - Routes calls using the specified route (i.e. type of facilities and carrier) based on the TOD/DOW. The AreaWide Networking customer can specify up to ten different TOD/DOW routing options, including the "other" option. If the current TOD/DOW does not match any of the specified TOD/DOW options, the call will be routed using the "other" option.

Specific Date/Day of Year Routing - Routes calls based on a specific date or day of year. The AreaWide Networking customer can specify up to ten different date routing options, including the "other" option. If the current date does not match any of the specified options, the call will be routed using the "other" option.

Percentage Allocation Routing - Routes calls based on pre-set percentage allocation. Five different percentages can be specified and the sum of the specified percentages must equal 100. For each percentage, the AreaWide Networking customer specifies the type of facilities and carrier to be used to route calls.

- c. *Centralized Access to Private/Public Facilities* - Allows AreaWide Networking-equipped stations to access facility groups consisting of private or public facilities established at centralized locations for the purpose of calling outside the AreaWide Networking network (i.e., off-network). Access to the centralized facilities is provided by dialing an abbreviated access code of one or more digits. Security is ensured by verifying the Calling Party Number of the user trying to access the centralized facilities or through the use of authorization codes. This feature also allows the customer to specify the routing preferences for calls transported over these centralized facilities.
- d. *Link Extension* - Provides the additional facility and central office hardware required to provide AreaWide Networking service from a central office other than the customer's normal serving central office within a LATA. This option is available to customers located in an AreaWide Networking equipped or non-equipped serving central office.
- e. *Work at Home* - Allows the telephone of the AreaWide Networking customer's employee to use the AreaWide Networking Dialing Plans on a call-by-call basis. The employee dials the appropriate digits which enables the employee's line to operate with AreaWide Networking features. Incoming calls to the employee's work extension are forwarded to the employee's telephone and applicable toll charges will apply to these calls.

AREAWIDE NETWORKING (cont'd)**C. Optional Service Features (cont'd)**

2. Option II - Remote Access to Facilities
 - a. Centralized Access to Private/Public Facilities - Allows AreaWide networking-equipped stations to access facility groups consisting of private or public facilities established at centralized locations for the purpose of calling outside the AreaWide Networking network (i.e., off-network). Access to the centralized facilities is provided by dialing an abbreviated access code of one or more digits. Security is ensured by verifying the Calling Party Number of the user trying to access the centralized facilities or through the use of authorization codes. This feature also allows the customer to specify the routing preferences for calls transported over these centralized facilities.
 - b. Link Extension - Provides the additional facility and central office hardware required to provide AreaWide Networking service from a central office other than the customer's normal serving central office within a LATA. This option is available to customers located in an AreaWide Networking equipped or non-equipped serving central office.

D. Service Regulations

1. The following regulations, rates and charges are in addition to those established for all associated services as well as other regulations stated in this guidebook.
2. The customer shall designate the location within their company (typically the corporate headquarters) where the AreaWide Networking Dialing Plan Service will be negotiated and the majority of communications concerning the customer's Dialing Plan Service (such as system configuration, contract terms, etc.) will take place. Only one per Dialing Plan charge will be billed at this customer designated location, regardless of how many the Company's states are included in the Dialing Plan.
3. A minimum charge for an AreaWide Networking service arrangement is applicable. The minimum charge shall be the rates applicable to: Option I - One Dialing Plan arrangement and ten AreaWide Networking-equipped stations; Option II - One Facility Group Arrangement; Option III - One Dialing Plan Arrangement and two Originating Access Paths.
4. Unique requests for special or modified service arrangements will be evaluated for potential implementation, and furnished whenever possible, if not detrimental to this or other services of the Company. Such requests will be provided at additional charges based on the cost incurred.
5. This service shall not be shared or jointly used except as specified in the *Use of Service and Facilities* portion of 'Rules and Regulations Applying to All Customers' Contracts' in Part 2, Section 2.
6. When existing trunking facilities of PBX customers are reconfigured to accommodate AreaWide Networking, the Service Charge, as specified in Part 4, Section 2, Paragraph A.2.a., will apply.
7. When multiple services are activated on the same line, certain services may take precedence over others.

AREAWIDE NETWORKING (cont'd)**E. Service Terms**

1. The customer shall select a service term for a Standard Service Option of AreaWide Networking of either month-to-month, 12, 24, 36, 48^{/1/} or 60^{/1/} continuous months. (C)

If the month-to-month service term is selected, all rates (recurring and nonrecurring) are subject to any rate changes.

If a service term other than month-to-month is selected, the customer will be required to sign a contract. During the course of the contract, rates (recurring and nonrecurring), excluding optional features, are not subject to Company initiated rate changes.

2. All AreaWide Networking service components have a minimum service term of one month.
3. Installation charges for AreaWide Networking are normally paid in full at the time of installation. When requested by the customer prior to installation, this charge may be deferred over the service term, but may not exceed the service term selected. This optional deferred payment is not offered for customers selecting month-to-month service terms.

Refer to 'Rules and Regulations Applying to All Customers' Contracts' in Part 2, Section 2 for appropriate annuity factors utilized in deferring these charges.

F. Additions

1. Additions to service under the 12, 24, 36, 48^{/1/} or 60^{/1/} month service terms can be added to the existing contract, and can be coterminous with the original contract. On coterminous additions, apply the followings rates: if more than 90 days remain on the contract, apply rates equivalent to those of the original term; if less than 90 days remain, additions must be made under a month-to-month option. (C)
2. Additions to service under the month-to-month plan can be made at any time.

/1/ Effective December 15, 2013, customers may not establish new term plans greater than 36 months for AreaWide Networking Service, and existing term plans greater than 36 months may not be renewed or extended for a term greater than 36 months. (N)
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(N)

AREAWIDE NETWORKING (cont'd)

G. Expiration of the Service Term

1. Options Available Upon Expiration of the Service Term

Upon expiration of the service term, the customer may:

- a. Continue service, without establishing a new service term, at the month-to month service term rate. That rate will be subject to Company initiated rate changes.
- b. Continue service by selecting a new service term of 12, 24, 36, 48^{/1/} or 60^{/1/} months for the AreaWide Networking service at the then current rates. The new service will commence on the day following the expiration of the previous service term. The new rate will not be subject to Company initiated rate changes for the duration of the service term. The customer will be required to sign a new contract for the service term selected. (C)
- c. Discontinue the service.

2. Renewal of Service Prior to Expiration of the Service Term

The customer may, at this option, prior to the expiration of the existing service term, terminate the contract without incurring termination charges provided the customer signs a new contract at prevailing rates for a term at least 12 months longer than the period remaining in the original contract, continue with an equivalent service arrangement (i.e., current system size), and agrees to pay an amount equal to the present worth of the remaining deferred installation and nonrecurring charges incurred on the original contract. These charges may be deferred over the new contract term by applying current annuity factors, as specified in paragraph E.3 preceding, for the new term.

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/1/ Effective December 15, 2013, customers may not establish new term plans greater than 36 months for AreaWide Networking Service, and existing term plans greater than 36 months may not be renewed or extended for a term greater than 36 months. (N)
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(N)

/2/ Material now appears on Sheet 7.1.

AREAWIDE NETWORKING (cont'd)**G. Expiration of the Service Term (cont'd)**

3. Disconnection of Service Prior to the Expiration of the Service Term

/1/

a. Disconnects the Entire Standard Service Option I (Dialing Plan Service)

In the event the AreaWide Networking customer disconnects the entire Standard Service Option I, the customer will be required to pay a termination charge. This charge will equal the present value of the remaining monthly payments for the Standard Service Option I (Location Code or Extension Number Portability Dialing Plan) charges. The customer will also be required to pay a termination charge based on the present value of the remaining payments for the applicable standard service per station charges. The number of stations subject to the charge will be 65% of the maximum contracted station quantity installed during the duration of the contract.

In addition, the present worth of any installation and nonrecurring charges that have been deferred must be paid in full. The customer's contract specifies the discount rate that will be used under this condition.

b. Partial Disconnect of Stations - Standard Service Option I (Dialing Plan Service)

In the event the AreaWide Networking customer falls below 65% of the maximum contracted station quantity over the life of the contract, the customer will be required to pay a termination charge. This charge will be based on the present value of the remaining payments for the standard service per station charges, and will apply to each station that falls below 65% of the maximum contracted station quantity.

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/1/ Material formerly appeared on Sheet 7.

AREAWIDE NETWORKING (cont'd)**G. Expiration of the Service Term (cont'd)**

3. Disconnection of Service Prior to the Expiration of the Service Term (cont'd)

c. Disconnects the Entire Standard Service Option II (Remote Access to Facilities)

In the event the AreaWide Networking customer disconnects the entire Standard Service Option II, the customer will be required to pay a termination charge. This charge will equal the present value of the remaining monthly payments for the Standard Service Option II (Facility Group Arrangement) charges. The customer will also be required to pay a termination charge based on the present value of the remaining payments for the applicable standard service per trunk access charge. The number of trunks subject to the charge will be 65% of the maximum contracted trunks with access to the Remote Access to Facilities option, installed during the duration of the contract.

In addition, the present worth of any installation and nonrecurring charges that have been deferred must be paid in full. The customer's contract specifies the discount rate that will be used under this condition.

d. Partial Disconnect of Trunks - Standard Service Option II (Remote Access to Facilities)

In the event the AreaWide Networking customer falls below 65% of the maximum contracted trunks with access to the Remote Access to Facilities options, over the life of the contract, the customer will be required to pay a termination charge. This charge will be based on the present value of the remaining payments for the standard service per trunk charge, and will apply to each trunk that falls below 65% of the maximum contracted trunk quantity.

e. Disconnects the Entire Standard Service Option III (Access Path Dialing Plan Service)

In the event the AreaWide Networking customer disconnects the entire Standard Service Option III, the customer will be required to pay a termination charge. This charge will equal the present value of the remaining monthly payments for the Standard Service Option III (Dialing Plan) charges. The customer will also be required to pay a termination charge based on the present value of the remaining payments for the applicable standard service per access path charges. The number of access paths subject to the charge will be 65% of the maximum contracted access path quantity installed during the duration of the contract.

In addition, the present worth of any installation and nonrecurring charges that have been deferred must be paid in full. The customer's contract specifies the discount rate that will be used under this condition.

f. Partial Disconnect of Originating Access paths - Standard Service Option III (Access Path Dialing Plan Service)

In the event the AreaWide Networking customer falls below 65% of the maximum contracted access path quantity over the life of the contract, the customer will be required to pay a termination charge. This charge will be based on the present value of the remaining payments for the standard service per access path charges, and will apply to each access path that falls below 65% of the maximum contracted access path quantity.

AREAWIDE NETWORKING (cont'd)

H. Rates and Charges

- 1. Option I - Dialing Plan Service
 - a. Location Code Dialing Plan

	<u>USOC</u>	Month To Month	12 Months	24 Months	36 Months	48 Months ^{/1/}	60 Months ^{/1/}	(C)
Per Dialing Plan.....	D6PLX	\$250.00	\$180.00	\$160.00	\$140.00	\$120.00	\$100.00	
					<u>USOC</u>		<u>Nonrecurring Charge</u>	
<u>Initial Installation</u>								
Per Dialing Plan.....	D6PLX						\$720.00	
<u>Subsequent Changes to Dialing Plan</u>								
Per Dialing Plan.....	REAKM						521.00	
<u>Initial and Subsequent Installation</u>								
Per Serving Office	1CRAA						137.50	
	<u>USOC</u>	Month To Month	12 Months	24 Months	36 Months	48 Months ^{/1/}	60 Months ^{/1/}	(C)
Per Station								
10-400 Stations.....	1CRAB	\$7.00	\$6.00	\$5.50	\$5.00	\$4.50	\$3.75	
401-1500 Stations.	1CRAG	6.30	5.40	4.95	4.00	3.60	3.00	
1501+ Stations.....	1CRAH	5.60	4.80	4.00	3.00	2.70	2.25	
					<u>USOC</u>		<u>Nonrecurring Charge</u>	
<u>Initial and Subsequent Installation</u>								
Per Station	1CRAB						\$1.80	
Per Station	1CRAG						1.80	
Per Station	1CRAH						1.80	
<u>Subsequent Additions/Changes of Stations</u>								
Per Change.....	1CRAC						38.00	

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|
(N)

AREAWIDE NETWORKING (cont'd)

H. Rates and Charges (cont'd)

- 1. Option I - Dialing Plan Service (cont'd)
 - b. Extension Number Portability Dialing Plan

	<u>USOC</u>	Month To <u>Month</u>	12 <u>Months</u>	24 <u>Months</u>	36 <u>Months</u>	48 <u>Months</u> ^{/1/}	60 <u>Months</u> ^{/1/}	(C)
Per Dialing Plan..... D6PPX		\$300.00	\$230.00	\$210.00	\$190.00	\$170.00	\$150.00	
					<u>USOC</u>		<u>Nonrecurring Charge</u>	
<u>Initial Installation</u>								
Per Dialing Plan.....	D6PPX						\$720.00	
<u>Subsequent Changes to Dialing Plan</u>								
Per Dialing Plan.....	REAKN						521.00	
<u>Initial and Subsequent Installation</u>								
Per Serving Office	1CRAD						137.50	
	<u>USOC</u>	Month To <u>Month</u>	12 <u>Months</u>	24 <u>Months</u>	36 <u>Months</u>	48 <u>Months</u> ^{/1/}	60 <u>Months</u> ^{/1/}	(C)
Per Station								
10-400 Stations..... 1CRAE		\$7.00	\$6.00	\$5.50	\$5.00	\$4.50	\$3.75	
401-1500 Stations. 1CRAJ		6.30	5.40	4.95	4.00	3.60	3.00	
1501+ Stations..... 1CRAK		5.60	4.80	4.00	3.00	2.70	2.25	
					<u>USOC</u>		<u>Nonrecurring Charge</u>	
<u>Initial and Subsequent Installation</u>								
Per Station	1CRAE						\$1.80	
Per Station	1CRAJ						1.80	
Per Station	1CRAK						1.80	
<u>Subsequent Additions/Changes of Stations</u>								
Per Change.....	REANT						38.00	

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|
(N)

AREAWIDE NETWORKING (cont'd)

H. Rates and Charges (cont'd)

- 1. Option I - Dialing Plan Service (cont'd)
 - c. Optional Features

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
1. Automatic Selection of Facilities ^{/1/}			
Per Serving Central Office			
On-Network Routing.....	R7CBX	\$5.00	\$145.00
Off-Network Routing.....	R7CCX	5.00	145.00
Subsequent Change Charge, per change.....	REANU	---	72.50
Additional Routing Table Options, per Serving Central Office:			
NPA Based Routing ^{/2/}	R7CNX	---	145.00
Time of Day/Day of Week Routing.....	R7CAX	---	145.00
Specific Date/Day of Year Routing.....	R7CDX	---	145.00
Percentage Allocation Routing.....	R7CPX	---	145.00
Subsequent Change Charge, per Option changed.....	REANJ	---	72.50
2. Centralized Access to Private/Public Facilities			
Per Dial Access Code ^{/3/}	AX6PA	125.00	445.00
Subsequent Change Charge, per change.....	RENAV	---	72.50
3. Link Extension, per station	LEX	40.00	322.75
4. Work at Home ^{/4/} , per line	WAH	15.00	75.45
Subsequent Change Charge, per line	REANW	---	38.10

/1/ Traffic routing choices are provided by and the responsibility of the customer.

/2/ This rate is applicable to NPA increments of ten.

/3/ Additional facilities may be required to access the Centralized Access Arrangement. Appropriate rates and charges for these facilities also apply.

/4/ Additional facilities may be required to access the AreaWide Networking Dialing Plan. Appropriate rates and charges for these facilities also apply.

AREAWIDE NETWORKING (cont'd)

H. Rates and Charges (cont'd)

2. Option II - Remote Access to Facilities

a. Per Facility Group Arrangement^{/1/}

	<u>USOC</u>	<u>Month To Month</u>	<u>12 Months</u>	<u>24 Months</u>	<u>36 Months</u>	<u>48 Months^{/2/}</u>	<u>60 Months^{/2/}</u>	(C)
..... AXHPG		\$175.00	\$125.00	\$125.00	\$125.00	\$125.00	\$125.00	
					<u>USOC</u>		<u>Nonrecurring Charge</u>	
<u>Initial Installation</u>								
Per Facility Group Arrangement	AXHPG						\$400.00	
<u>Subsequent Change Charge</u>								
Per Change.....	REAN8						66.00	

b. Per Trunk Access

	<u>USOC</u>	<u>Month To Month</u>	<u>12 Months</u>	<u>24 Months</u>	<u>36 Months</u>	<u>48 Months^{/2/}</u>	<u>60 Months^{/2/}</u>	(C)
..... 1CRAF		\$42.00	\$35.00	\$31.50	\$28.00	\$24.50	\$19.25	
					<u>USOC</u>		<u>Nonrecurring Charge</u>	
<u>Initial Installation</u>								
Per Trunk Access	1CRAF						\$5.50	
<u>Subsequent Installation and Changes</u>								
Per Addition or Change.....	REAN9						37.00	

c. Optional Features

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Link Extension, per station ^{/1/}	LEX	\$40.00	\$322.75

/1/ Additional facilities may be required. Appropriate rates and charges for these facilities also apply.

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(N)

