

STATE OF CALIFORNIA
STANDARD AGREEMENT AMENDMENT
 STD. 213 A (Rev 6/03)

CHECK HERE IF ADDITIONAL PAGES ARE ATTACHED 167 Pages

AGREEMENT NUMBER	AMENDMENT NUMBER
5-06-58-22 (DTS 06E1392)	9
REGISTRATION NUMBER	
17600508302519.91	

- This Agreement is entered into between the State Agency and Contractor named below:
 STATE AGENCY'S NAME
Office of the State Chief Information Officer (OCIO) (Formerly Department of Technology Services)
 CONTRACTOR'S NAME
MCI Network Services, Inc. or MCI Financial Management, Corp. on behalf of MCI Communications Services, Inc d/b/a Verizon Business Services and other authorized Verizon companies
- The term of this Agreement is 1/30/2007 through 1/29/2012
- The maximum amount of this agreement after this amendment is: N/A
- The parties mutually agree to this amendment as follows. All actions noted below are by this reference made a part of the Agreement and incorporated herein: This Amendment provides enhancements to two sections of the CALNET 2 contract. They are: Converged Services, IP and Network IP Transport Services; Converged Services, Required Customer Premise Equipment, and Managed Services.

Pursuant to Section 28 Contract Modifications Under RFP DGS-2053, the following Amendments and changes are made to the following Sections and attachments:

A. This amendment includes the following changes, Subject CALNET 2, MSA 3 (Verizon Business):

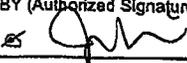
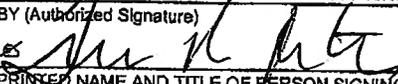
- Converged Services, IP and Network IP Transport Service - Managed Ethernet Bundled Services to include:**
 - The IP and Network IP Transport Services section is being enhanced to provide clients with managed router encryption technologies for their network environment. This section has been modified to include additional services, and corrections to feature identifiers for consistency.
 - Product augmentation of this product offering will provide secure router transport as a bundled service.
 - The Managed Ethernet Bundled Services are: Router, Router Management, Private Internet Protocol (PIP), Ethernet Access, and PIP Ethernet Port.

Replace Attachment 3 Section 6.3.3.8 (1-57) with amended section (1-62).

Continued on the next page.

This Agreement is effective November 1, 2009 or upon DGS approval, whichever is later. All other terms and conditions of the original agreement shall remain the same.

IN WITNESS WHEREOF, this Agreement has been executed by the parties hereto.

CONTRACTOR	
CONTRACTOR'S NAME (If other than an individual, state whether a corporation, partnership, etc.) <u>MCI Network Services, Inc. or MCI Financial Management, Corp. on behalf of MCI Communications Services, Inc d/b/a Verizon Business Services and other authorized Verizon companies</u>	
BY (Authorized Signature) 	DATE SIGNED (Do not type) <u>12/16/09</u>
PRINTED NAME AND TITLE OF PERSON SIGNING <u>Jacqualynn A Whiting</u> Director Pricing/Contract Management	
ADDRESS <u>22001 Loudoun County Parkway, Ashburn, VA 20147</u>	
STATE OF CALIFORNIA	
AGENCY NAME <u>Office of the State Chief Information Officer (OCIO)</u>	
BY (Authorized Signature) 	DATE SIGNED (Do not type) <u>1/10/10</u>
PRINTED NAME AND TITLE OF PERSON SIGNING <u>M. Driver, Chief, Administrative Services Branch</u>	
ADDRESS <u>P.O. Box 1810, MS Y-18, Rancho Cordova, CA 95741-1810</u>	

CALIFORNIA Department of General Services LEGAL SERVICES
DEPARTMENT OF GENERAL SERVICES PROCUREMENT DIVISION
APPROVED 
BY _____ DATE <u>2-24-10</u>
<input type="checkbox"/> Exempt per:

Continuation

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2. Converged Services, Required Customer Premise Equipment (CPE) to include:

- This section is being enhanced and augmented to provide a wired (LAN) and secure wireless (WLAN) product and maintenance solution not currently available. The services include the following products:
- Cisco GSS-4400 Series
- Cisco ACE-xxx Series Appliance
- Cisco ASR 1000 Series
- Cisco Wireless LAN – Cisco Aironet series products
- Cisco Interoperability Systems
- Cisco IP Video
- Cisco TelePresence
- Cisco Maintenance
- Nortel Routing Switches
- Nortel Secure Router
- Nortel Security Solutions
- Nortel Secure Wireless Solution
- Nortel Maintenance
- Plantronics CS351 to H81
- Applicable Service Level Agreements

Replace Attachment 3 Section 6.3.9 (1-25) with amended section (1-65).

3. Converged Services, IP and Network IP Transport Service - Managed Ethernet Bundled Services:

- This section has been modified to include additional services, and corrections to feature identifiers for consistency. Router Encryption will support the additional requirements; the State of California has requested to expand existing services to include VPN tunnels. The additional service identifiers are:
- Ethernet Bundle – 1 Mbps to 1000 Mbps
- Additional Router IOS Encryption Option sub-heading
 - Router Encryption for 2800 Series to Router Encryption for 3800 Series with SNA Switching
- Acct Maintenance Feature Identifiers Changed to DAFR0002 as follows:
 - Feature Identifier DIAF0002 changed to DAFR0002
 - Feature Identifier DFRM0002 changed to DAFR0002
 - Feature Identifier DAUB0001 changed to DAFR0002
 - Feature Identifier DAUT0001 changed to DAFR0002
- Additional Domain/Sub Domain Name Feature Identifiers changed to DAFR0003 as follows:
 - Feature Identifier DIAF0003 changed to DAFR0003
 - Feature Identifier DFRM0003 changed to DAFR0003
 - Feature Identifier DAUB0002 changed to DAFR0003
 - Feature Identifier DAUT0002 changed to DAFR0003
- Additional Domain/Sub Domain Name – Change Charges Feature Identifiers changed to DAFR0004 as follows:
 - Feature Identifier DIAF004 changed to DAFR0004
 - Feature Identifier DFRM0004 changed to DAFR0004
 - Feature Identifier DAUB0003 changed to DAFR0004
 - Feature Identifier DAUT0003 changed to DAFR0004

*was
REMOVED from VZ1
← Service List*

Replace Attachment 4 Section 6.3.3.8 (1-23) with amended section (1-24).

4. Converged Services, Required Customer Premise Equipment (CPE):

- This section has been modified to include additional services to enhance existing service offerings. The additional services are:
- Cisco GSS-4400 Series
- Cisco ACE-xxx Series Appliance
- Cisco ASR 1000 Series
- Cisco Wireless LAN – Cisco Aironet series products
- Cisco Interoperability Systems
- Cisco IP Video
- Cisco TelePresence
- Cisco Maintenance

- Nortel Routing Switches
- Nortel Secure Router
- Nortel Security Solutions
- Nortel Secure Wireless Solution
- Nortel Maintenance
- Plantronics CS351 to H81

Replace Attachment 4 Section 6.3.9 (1-9) with amended section (1-16).

- B. Signature authority for the DTS has changes to the Office of the State Chief Information Office (OCIO) per the Governor's Reorganization Plan (GRP) effective May 10, 2009.**

Service Identifier: IP and Network IP Transport Service

Description of the Service: IP Transport services that support Voice, Video and Data. IP transport may include, at a minimum: DSL, DS0, DS1, DS3, Fractional DS3, Ethernet, or a combination to augment geographic coverage or bandwidth. IP transport supports, at a minimum:

- Hosted IP Centrex (HIPC) Services 6.3.4
- IP Contact Center Applications 6.3.5
- IP Communication Applications – Other Services 6.3.6

Availability: Nationwide. International locations are available on an ICB basis.

Unless noted separately in Attachment 4, services include the following elements: planning, applicable design, engineering, testing, and applicable service level agreements.

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
IP Transport at a minimum (1 end point): 56 Kbps 128 Kbps 384 Kbps 512 Kbps 640 Kbps 768 Kbps 896 Kbps 1.024 Mbps 1.152 Mbps 1.280 Mbps 1.408 Mbps 1.536 Mbps 1.792 Mbps 2.048 Mbps 2.304 Mbps 2.560 Mbps 2.816 Mbps 3.072 Mbps 3.328 Mbps 3.584 Mbps 3.840 Mbps 4.096 Mbps 4.352 Mbps	IPTK0056 IPTK0128 IPTK0384 IPTK0512 IPTK0640 IPTK0768 IPTK0896 IPTK1024 IPTK1152 IPTK1280 IPTK1408 IPTK1536 IPTK1792 IPTK2048 IPTK2304 IPTK2560 IPTK2816 IPTK3072 IPTK3328 IPTK3584 IPTK3840 IPTK4096 IPTK4352	Bundled – includes Router, Mgmt of Router, PIP Access, PIP Port	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
4.608 Mbps 4.864 Mbps 5.120 Mbps 5.632 Mbps 6.144 Mbps 6.656 Mbps 7.168 Mbps 7.680 Mbps 8.192 Mbps 8.704 Mbps 9.216 Mbps 9.768 Mbps 11 Mbps 12 Mbps 13 Mbps 14 Mbps 15 Mbps 16 Mbps 17 Mbps 18 Mbps 19 Mbps 20 Mbps 21 Mbps 22 Mbps 23 Mbps 24 Mbps 25 Mbps 30 Mbps 35 Mbps 40 Mbps 45 Mbps 155 Mbps 622 Mbps 2.5 Gbps 10 Gbps	IPTK4608 IPTK4864 IPTK5120 IPTK5632 IPTK6144 IPTK6656 IPTK7168 IPTK7680 IPTK8192 IPTK8704 IPTK9216 IPTK9768 IPTM0011 IPTM0012 IPTM0013 IPTM0014 IPTM0015 IPTM0016 IPTM0017 IPTM0018 IPTM0019 IPTM0020 IPTM0021 IPTM0022 IPTM0023 IPTM0024 IPTM0025 IPTM0030 IPTM0035 IPTM0040 IPTM0045 IPTM0155 IPTM0622 IPTG0025 IPTG0010		
Ethernet Bundle: 1 Mbps 2 Mbps 3 Mbps	ETRN0001 ETRN0002 ETRN0003	Includes Router, Router Management, PIP Ethernet Access and PIP Ethernet Port	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
4 Mbps	ETRN0004		
5 Mbps	ETRN0005		
6 Mbps	ETRN0006		
7 Mbps	ETRN0007		
8 Mbps	ETRN0008		
9 Mbps	ETRN0009		
10 Mbps	ETRN0010		
15 Mbps	ETRN0015		
20 Mbps	ETRN0020		
25 Mbps	ETRN0025		
30 Mbps	ETRN0030		
35 Mbps	ETRN0035		
40 Mbps	ETRN0040		
50 Mbps	ETRN0050		
60 Mbps	ETRN0060		
70 Mbps	ETRN0070		
80 Mbps	ETRN0080		
90 Mbps	ETRN0090		
100 Mbps	ETRN0100		
200 Mbps	ETRN0200		
300 Mbps	ETRN0300		
400 Mbps	ETRN0400		
500 Mbps	ETRN0500		
600 Mbps	ETRN0600		
700 Mbps	ETRN0700		
800 Mbps	ETRN0800		
900 Mbps	ETRN0900		
1000 Mbps	ETRN1000		
VPLS	VPLS0000		

Additional features and services available for purchase, not required for bundled IP Transport Services described above:

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Private IP Port Only: 56/64 KB 128 KB 256 KB 384 KB 512 KB 768 KB 1.024 Mbps 1.536 Mbps 3.072 Mbps 4.608 Mbps 6.144 Mbps 7.680 Mbps 9.216 Mbps 10.752 Mbps 12.288 Mbps 19.800 Mbps 44.736 Mbps 155.52 Mbps (OC3) 622.08 Mbps (OC12) 2,488 Mbps (OC48) 9,953.28 Mbps (OC192) Ethernet 1 Mbps 2 Mbps 3 Mbps 4 Mbps 5 Mbps 6 Mbps 7 Mbps 8 Mbps 9 Mbps 10 Mbps	PORT0064 PORT0128 PORT0256 PORT0384 PORT0512 PORT0768 PORT1024 PORT1536 PORT3072 PORT4608 PORT6144 PORT7680 PORT9216 PORT1075 PORT1228 PORT1980 PORT4473 PIOC0003 PIOC0012 PIOC0048 PIOC0192 PIET0001 PIET0002 PIET0003 PIET0004 PIET0005 PIET0006 PIET0007 PIET0008 PIET0009 PIET0010	PIP Port only options in several speeds are available for purchase without the bundled Router, Mgmt of Router, or Access.	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
15 Mbps 20 Mbps 25 Mbps 30 Mbps 35 Mbps 40 Mbps 50 Mbps 60 Mbps 70 Mbps 80 Mbps 90 Mbps 100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps 600 Mbps 700 Mbps 800 Mbps 900 Mbps 1000 Mbps	PIET0015 PIET0020 PIET0025 PIET0030 PIET0035 PIET0040 PIET0050 PIET0060 PIET0070 PIET0080 PIET0090 PIET0100 PIET0200 PIET0300 PIET0400 PIET0500 PIET0600 PIET0700 PIET0800 PIET0900 PIET1000		
Private IP Multicasting Per Host Port: Small Tier 16kbps - 511kbps Medium Tier 512kbps - 1.4Mbps Large Tier 1.5 Mbps - 2.99Mbps Extra Large Tier 3Mbps - 5.99Mbps Jumbo Tier 6Mbps & Greater	IPMC0511 IPMC1400 IPMC2990 IPMC5990 IPMC0000	Private IP Multicasting is a bandwidth conserving technology that helps reduce traffic by simultaneously delivering a steady stream of information to multiple locations from a host PIP port. Charge applies per host port multicast.	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
<p>PIP Expedited Forwarding Gold Car Option:</p> <p>8 Kbps 16 Kbps 32 Kbps 48 Kbps 64 Kbps 128 Kbps 192 Kbps 256 Kbps 320 Kbps 384 Kbps 448 Kbps 512 Kbps 576 Kbps 640 Kbps 704 Kbps 768 Kbps 832 Kbps 896 Kbps 960 Kbps 1.024 Mbps 1.152 Mbps 1.280 Mbps 1.408 Mbps 1.536 Mbps 2.048 Mbps 3.072 Mbps 4.608 Mbps 6.144 Mbps 7.680 Mbps 9.216 Mbps 10.752 Mbps 12.288 Mbps 15.360 Mbps 18.432 Mbps 21.504 Mbps 24.576 Mbps 27.648 Mbps 30.720 Mbps 33.792 Mbps 36.864 Mbps</p>	<p>CRGD0008 CRGD0016 CRGD0032 CRGD0048 CRGD0064 CRGD0128 CRGD0192 CRGD0256 CRGD0320 CRGD0384 CRGD0448 CRGD0512 CRGD0576 CRGD0640 CRGD0704 CRGD0768 CRGD0832 CRGD0896 CRGD0960 CRGD1024 CRGD1152 CRGD1280 CRGD1408 CRGD1536 CRGD2048 CRGD3072 CRGD4608 CRGD6144 CRGD7680 CRGD9216 CRGD1075 CRGD1228 CRGD1560 CRGD1843 CRGD2150 CRGD2457 CRGD2764 CRGD3070 CRGD3379 CRGD3686</p>	<p>A Gold CAR Option is an available option for high-priority applications, as required/defined by the user. Traffic marked EF has the highest traffic priority.</p> <p>Note that EF Gold Car is included with all CALNET II Module 3 Voice and Video services.</p>	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
39.936 Mbps 43.008 Mbps	CRGD3993 CRGD4300		
Private IP Access for Port Only: DS1 Access DS3 Access 155.52 Mbps (OC3) Access	IPAA0001 IPAA0003 OCAC0003	Provides customer high access speeds to connect to a Private IP Port maintaining the scalability option to grow bandwidth.	
622.08 Mbps (OC12 Access)	OCAC0012		
2,488 Mbps (OC48 Access)	OCAC0048		
9,953.28 Mbps (OC192 Access)	OCAC0192		
Ethernet Access 1 Mbps 2 Mbps 3 Mbps 4 Mbps 5 Mbps 6 Mbps 7 Mbps 8 Mbps 9 Mbps 10 Mbps 15 Mbps 20 Mbps 25 Mbps 30 Mbps 35 Mbps 40 Mbps 50 Mbps 60 Mbps	CEAT0001 CEAT0002 CEAT0003 CEAT0004 CEAT0005 CEAT0006 CEAT0007 CEAT0008 CEAT0009 CEAT0010 CEAT0015 CEAT0020 CEAT0025 CEAT0030 CEAT0035 CEAT0040 CEAT0050 CEAT0060		

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
70 Mbps	CEAT0070		
80 Mbps	CEAT0080		
90 Mbps	CEAT0090		
100 Mbps	CEAT0100		
200 Mbps	CEAT0200		
300 Mbps	CEAT0300		
400 Mbps	CEAT0400		
500 Mbps	CEAT0500		
600 Mbps	CEAT0600		
700 Mbps	CEAT0700		
800 Mbps	CEAT0800		
900 Mbps	CEAT0900		
1000 Mbps	CEAT1001		

IP Network Transport Management (Router):

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Management (Router) - Managed WAN Monitor and Notify (Small)	MWMS0000	Managed Services WAN Monitor & Notify allows Verizon Business to be responsible to clear logical and physical issues with the access and/or the Verizon network. With Monitor and Notify, the customer retains responsibility to resolve logical and/or physical issues with the CPE. Router must be certified by VzB MNS. VzB PIP network will provide in-band mgmt. Small would facilitate bandwidth speeds between 56KB and 12Meg service. This service requires Feature ID of either MWTO0001 or MWND0001.	Hardware must not be identified as End of Life by the manufacturer.

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
<p>Management (Router) - Managed WAN Monitor and Notify (Medium)</p>	<p>MWMM0000</p>	<p>Managed Services WAN Monitor & Notify allows Verizon Business to be responsible to clear logical and physical issues with the access and/or the Verizon network. With Monitor and Notify, the customer retains responsibility to resolve logical and/or physical issues with the CPE. Router must be certified by VzB MNS. VzB PIP network will provide in-band mgmt. Medium would facilitate bandwidth speeds between T1 to OCN service. This service requires Feature ID of either MWTO0001 or MWND0001.</p>	<p>Hardware must not be identified as End of Life by the manufacturer.</p>

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
<p>Management (Router) - Managed WAN Monitor and Notify (Large)</p>	<p>MWML0000</p>	<p>Managed Services WAN Monitor & Notify allows Verizon Business to be responsible to clear logical and physical issues with the access and/or the Verizon network. With Monitor and Notify, the customer retains responsibility to resolve logical and/or physical issues with the CPE. Router must be certified by VzB MNS. VzB PIP network will provide in-band mgmt. Large would facilitate bandwidth speeds between DS3 to OCN service. This service requires Feature ID of either MWTO0001 or MWND0001.</p>	<p>Hardware must not be identified as End of Life by the manufacturer.</p>

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
<p>Management (Router) - Managed WAN Physical (Small)</p>	<p>MWPH0000</p>	<p>Managed Services WAN Physical allows Verizon Business to be responsible to clear logical and physical issues with the access and/or the Verizon network. Isolate and resolve physical fault conditions with the CPE. With Physical Mgmt, the customer retains the responsibility to resolve logical issues with the CPE. Router must be certified by VzB MNS. Customer must have a manufacturer certified maintenance agreement in place for this service. An Out of Band Modem & Modem Line is required from the customer. Small would facilitate bandwidth speeds between 56KB and 12Meg service. This service requires Feature ID of either MWTO0001 or MWND0001.</p>	<p>Hardware must not be identified as End of Life by the manufacturer.</p>

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
<p>Management (Router) - Managed WAN Physical (Medium)</p>	<p>MWPM0000</p>	<p>Managed Services WAN Physical allows Verizon Business to be responsible to clear logical and physical issues with the access and/or the Verizon network. Isolate and resolve physical fault conditions with the CPE. With Physical Mgmt, the customer retains the responsibility to resolve logical issues with the CPE. Router must be certified by VzB MNS. Customer must have a manufacturer certified maintenance agreement in place for this service. An Out of Band Modem & Modem Line is required from the customer. Medium would facilitate bandwidth speeds between T1 to OCN service. This service requires Feature ID of either MWTO0001 or MWND0001.</p>	<p>Hardware must not be identified as End of Life by the manufacturer.</p>

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
<p>Management (Router) - Managed WAN Physical (Large)</p>	<p>MWPL0000</p>	<p>Managed Services WAN Physical allows Verizon Business to be responsible to clear logical and physical issues with the access and/or the Verizon network. Isolate and resolve physical fault conditions with the CPE. With Physical Mgmt, the customer retains the responsibility to resolve logical issues with the CPE. Router must be certified by VzB MNS. Customer must have a manufacturer certified maintenance agreement in place for this service. An Out of Band Modem & Modem Line is required from the customer. Large would facilitate bandwidth speeds between DS3 to OCN service. This service requires Feature ID of either MWTO0001 or MWND0001.</p>	<p>Hardware must not be identified as End of Life by the manufacturer.</p>

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
<p>Management (Router) - Managed WAN Full (Small)</p>	<p>MWFS0000</p>	<p>Managed Services WAN Full allows Verizon Business to be responsible to clear logical and physical issues with the access and/or the Verizon network. Resolve both logical and physical fault conditions that occur with the CPE. Router must be certified by VzB MNS. Customer must have a manufacturer certified maintenance agreement in place for this service. An Out of Band Modem & Modem Line is required from the customer. VzB will work to clear the fault condition remotely or by dispatching someone to the site. Small would facilitate bandwidth speeds between 56KB and 12Meg service. This service requires Feature ID of either MWTO0001 or MWND0001.</p>	<p>Hardware must not be identified as End of Life by the manufacturer.</p>

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Management (Router) - Managed WAN Full (Medium)	MWFM0000	Managed Services WAN Full allows Verizon Business to be responsible to clear logical and physical issues with the access and/or the Verizon network. Resolve both logical and physical fault conditions that occur with the CPE. Router must be certified by VzB MNS. Customer must have a manufacturer certified maintenance agreement in place for this service. An Out of Band Modem & Modem Line is required from the customer. VzB will work to clear the fault condition remotely or by dispatching someone to the site. Medium would facilitate bandwidth speeds between T1 to OCN service. This service requires Feature ID of either MWTO0001 or MWND0001.	Hardware must not be identified as End of Life by the manufacturer.

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Management (Router) - Managed WAN Full (Large)	MWFL0000	Managed Services WAN Full allows Verizon Business to be responsible to clear logical and physical issues with the access and/or the Verizon network. Resolve both logical and physical fault conditions that occur with the CPE. Router must be certified by VzB MNS. Customer must have a manufacturer certified maintenance agreement in place for this service. An Out of Band Modem & Modem Line is required from the customer. VzB will work to clear the fault condition remotely or by dispatching someone to the site. Large would facilitate bandwidth speeds between DS3 to OCN service. This service requires Feature ID of either MWTO0001 or MWND0001.	Hardware must not be identified as End of Life by the manufacturer.
Takeover of Existing Device Management Takeover of Existing Circuit and Router	MWTO0001	This applies to Management (Router) of Monitor & Notify, Physical and Full (Small, Medium and Large).	
New Device - New Circuit or Router Installation requiring initial configuration and implementation support	MWND0001	This applies to Management (Router) of Monitor & Notify, Physical and Full (Small, Medium and Large).	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Management (Router) Threshold Reporting	THRP0000	Managed (Router) Threshold Reporting is an add on service to Management WAN. This feature notifies Managed Network Service engineers of performance exceptions, including enhanced latency, discards, traffic shaping, and more.	
Management (Router) Order Expedite	MROX0000	Managed (Router) Order Expedite is an add on service to Management WAN. This request is to activate a router in 15 days or less. Not including circuit.	
Management (Router) New Implementation Rescheduling	MIRS0000	Managed (Router) Rescheduling is an additional charge to reschedule Router Activation within less than 48 hours (2 calendar days) of original scheduled installation date. If Router Activation is rescheduled before 48 hours then no additional charge shall apply.	
Management (Router) After Hours Premium Charge (M-F, 5 p.m. to 8 a.m., including weekends and holidays	MAHP0000	Managed (Router) After Hours Premium Charge is a one site charge for standby support at the NOC during non-business hour installations. This charge is in addition to the normal business installation charge.	

Optional Change Management provides additional change management support for items customers are not likely to encounter on a daily basis.

Optional Change Management items are charged on a per-incident basis (NRC), and are available to customers that subscribe to 6.3.3.8 Converged Services, IP and Network IP Transport Services. These are enhanced features and a subset of the 6.3.3.8 Converged Services, IP and Network IP Transport Services.

Optional Change Management Activities:

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Management (Router-remote labor configuration) Dynamic Host Configuration Protocol ("DHCP") IP Helper - Add / Modify / Delete	IPMW0012	Mgmt Dynamic Host Configuration Protocol (Router) is an add on service to Management WAN. This service provides Router configuration to Add / Modify / Delete Dynamic Host Configuration Protocol IP changes as the customer requires configuration changes to an existing configuration on the router.	Remote configuration activity on the Router.
Management (Router-remote labor configuration) IP Network Address Translation - Add / Modify / Delete	IPMW0013	Mgmt IP Network Address Translation (NAT) is an add on service to Management WAN. This service provides Router configuration to Add / Modify / Delete IP Network Address Translation (NAT) changes as the customer requires configuration changes to an existing configuration on the router.	Remote configuration activity on the Router.

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Management (Router-remote labor configuration) Network Routed Protocol - Add / Modify / Delete	IPMW0014	Mgmt Network Protocol (Router) is an add on service to Management WAN. This service provides Router configuration to Add / Modify / Delete a network routed protocol (e.g., IPX, DLSW, RTP, SIP, HSRP) changes as the customer requires configuration changes to an existing configuration on the router.	Remote configuration activity on the Router.
Management (Router-remote labor configuration) Managed Service Operations (“MSO”) IP/address Subnet Mask Changes	IPMW0015	Mgmt Managed Service Operations IP/address Subnet Mask is an add on service to Management WAN. Verizon will Add/Modify/Delete an existing router configuration according to a new IP address plan (Managed Services Operations approved IP addressing).	Remote configuration activity on the Router.
Management (Router-remote labor configuration) Virtual Circuit Add / Modify / Delete	IPMW0016	Mgmt Virtual Circuit is an add on service to Management WAN. Router configuration to Add / Modify / Delete a Virtual Circuit.	Remote configuration activity on the Router.
Management (Router-remote labor configuration) Routing Protocol - Add / Modify / Delete	IPMW0017	Mgmt Routing Protocol is an add on service to Management WAN. Router configuration to Add/Modify/Delete a routing protocol (e.g., static, EIGRP, OSPF, RIP, BGP) changes as the customer requires configuration changes to an existing configuration on the router.	Remote configuration activity on the Router.

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Management (Router-remote labor configuration) VPN Tunnel - Add / Modify / Delete	IPMW0018	Mgmt VPN Tunnel is an add on service to Management WAN. Router configuration to Add/Modify/Delete a Virtual Private Network tunnel changes as the customer requires configuration changes to an existing configuration on the router.	Remote configuration activity on the Router.
<p>In lieu of the optional change management per occurrence services described above, customers have the option to utilize the established hourly rate. Labor charges will commence upon arrival at customer site. Only the highest single NRC will be charged per device. Feature ID's are IPMW0001, IPMW0002, IPMW0003, IPMW0004, IPMW0005, IPMW0006, IPMW0007, IPMW0008, IPMW0009, IPMW0010, and IPMW0011.</p>			
Management (Router-labor only) Bandwidth Increase / Decrease Physical	IPMW0001	Management Bandwidth Increase / Decrease Physical Dispatch of a technician to the premises to perform Router configuration changes to support increase or decrease of bandwidth and/or CSU/DSU/Router module changes required to support bandwidth change.	
Management (Router-labor only) Hardware Module Upgrade	IPMW0002	Management Hardware Module Upgrade dispatches a technician to the premises to perform Add or swap a component to upgrade a module. This includes additional remote management and configuration services.	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Management (Router-labor only) Intra-Building Move	IPMW0003	Management (Router-labor only) Intra-building Move dispatches a technician to the premises to perform In-building move of existing router – using same circuit and no design impact. Done during normal business hours.	
Management (Router-labor only) Router Move, Inter-Building or Across Town	IPMW0004	Management Router Move, Inter-Building or Across Town dispatches a technician to the premises to perform Across town is within 30 miles of original circuit, same router but new circuit, done during normal business hours. This includes additional remote management and configuration services.	
Management (Router-labor only) Memory Upgrade	IPMW0005	Management Memory Upgrade dispatches a technician to the premises to perform Add or swap to an upgraded memory (flash or DRAM). This includes additional remote management and configuration services.	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Management (Router-labor only) Router Exchange	IPMW0006	Management Router Exchange dispatches a technician to the premises to perform Substitute one router for another at an existing site. This includes additional remote management and configuration services.	
Management (Router-labor only) Router IOS Change Support New Features	IPMW0007	Management (Router-labor only) Router IOS Change support new features dispatches a technician to the premises to perform Changes the IOS on the router for new feature requirements. This includes additional remote management and configuration services.	
Management (Router-labor only) Traffic Shaping/Queuing Add/ Delete	IPMW0008	Mgmt Shaping/Queuing is an add on service to Management WAN. Dispatch of a technician to the premises to perform Router configuration to traffic shaping or queuing changes as the customer requires configuration changes to an existing configuration on the router.	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Management (Router-labor only) Traffic Filter Design	IPMW0009	Mgmt Traffic Filter is an add on service to Management WAN. Dispatch of a technician to the premises to perform Router configuration to traffic filters changes as the customer requires configuration changes to an existing configuration on the router.	
Management (Router) Field Service Technicians (labor only) Normal business hours (M-F, 8 a.m. to 5 p.m.).	IPMW0010	Management Field Service Technicians hourly rate during Normal business hours (M-F, 8 a.m. to 5 p.m.). Dispatches a technician to perform on-site managed services on a time basis at the level of journeyman.	
Management (Router) Field Service Technicians (labor only) After hours (M-F, 5 p.m. to 8 am, including weekends and holidays).	IPMW0011	Management Field Service Technicians hourly rate After hours (M-F, 5 p.m. to 8 am, including weekends and holidays) dispatches a technician to perform on-site managed services on a time basis at the level of journeyman.	

Private IP Secure Gateway Services (Secure Gateway Universal Port - data only not to be used for voice) is a suite of services that includes the three components listed below through a single network based port. This section includes optional managed services for Remote Office connectivity.

Secure Gateway Firewall - provides enterprise employees secure access to the Internet from customer locations connected to private networks via a network-based firewall. Secure Gateway- Firewall is available with Private IP. This service extends the power of Verizon's private networks to safely provide Internet access without the requirement of multiple links and premise based firewalls. Secure Gateway Firewall bundles access with a "stateful firewall" to help protect against a range of network security threats. The network-based firewall inspects and tracks all inbound and outbound data streams, allowing passage of only those packets that match a known and authorized state. Stateful firewalls help improve the security and performance of more traditional packet filters because they capture and hold attributes of each data stream for the entire length of the connection.

Secure Gateway Mobile User – provides secure, encrypted, remote access to the customers' private network for their mobile workforce and remote employees. Mobile User is enabled by geographically-dispersed network gateways deployed at Verizon points of presence (PoPs). The service provides remote access through an exclusively-provisioned port between the customer's private network and the company's public IP network. Remote sites use Verizon or third-party dial, DSL or cable to connect to the Verizon IP backbone or the Internet. Then, using a VPN software client, the remote site automatically establishes a secure IPsec tunnel, through the IP network to the Secure Gateway Port located on a Verizon network gateway. The VPN client allows optional split tunneling for flexible end-user access to the customer's private network only, or to both their private network and the public Internet.

Secure Gateway Remote Office – creates a secure end-to-end logical link between corporate resources or corporate "hubs" on the Verizon network and remote sites connected to the Internet or Verizon's IP network via low cost broadband or T1 access. Verizon network service "hubs" are typically data centers, corporate headquarters, regional offices and other locations hosting mission-critical enterprise servers. Secure Gateway Remote Office utilizes Cisco technology for the hardware client, the Universal Port, or network gateway and the EasyVPN feature of the IOS operating system. Secure Gateway Remote Office leverages industry standard security protocols - IPsec, 3DES, and AES encryption and is an ideal solution for customers with sensitive price points and ease-of-implementation requirements.

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Secure Gateway Universal Port 64 Kbps	SEGU0064	Secure Internetworking Gateway. Gateway Port provides remote office, mobile users and Internet Access from the Private IP (PIP) Network from one port. Secure Gateway Universal Port includes all of the functionality of Secure Gateway Firewall Service.	Requires Private IP Port for this service.
Secure Gateway Universal Port 128 Kbps	SEGU00128	Secure Internetworking Gateway. Gateway Port provides remote office, mobile users and Internet Access from the Private IP (PIP) Network from one port. Secure Gateway Universal Port includes all of the functionality of Secure Gateway Firewall Service.	Requires Private IP Port for this service.
Secure Gateway Universal Port 256 Kbps	SEGU0256	Secure Internetworking Gateway. Gateway Port provides remote office, mobile users and Internet Access from the Private IP (PIP) Network from one port. Secure Gateway Universal Port includes all of the functionality of Secure Gateway Firewall Service.	Requires Private IP Port for this service.

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Secure Gateway Universal Port 384 Kbps	SEGU0384	Secure Internetworking Gateway. Gateway Port provides remote office, mobile users and Internet Access from the Private IP (PIP) Network from one port. Secure Gateway Universal Port includes all of the functionality of Secure Gateway Firewall Service.	Requires Private IP Port for this service.
Secure Gateway Universal Port 512 Kbps	SEGU0512	Secure Internetworking Gateway. Gateway Port provides remote office, mobile users and Internet Access from the Private IP (PIP) Network from one port. Secure Gateway Universal Port includes all of the functionality of Secure Gateway Firewall Service.	Requires Private IP Port for this service.
Secure Gateway Universal Port 768 Kbps	SEGU0768	Secure Internetworking Gateway. Gateway Port provides remote office, mobile users and Internet Access from the Private IP (PIP) Network from one port. Secure Gateway Universal Port includes all of the functionality of Secure Gateway Firewall Service.	Requires Private IP Port for this service.

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Secure Gateway Universal Port 1.024 Mbps	SGUP0001	Secure Internetworking Gateway. Gateway Port provides remote office, mobile users and Internet Access from the Private IP (PIP) Network from one port. Secure Gateway Universal Port includes all of the functionality of Secure Gateway Firewall Service.	Requires Private IP Port for this service.
Secure Gateway Universal Port 1.536 Mbps	SGUP0002	Secure Internetworking Gateway. Gateway Port provides remote office, mobile users and Internet Access from the Private IP (PIP) Network from one port. Secure Gateway Universal Port includes all of the functionality of Secure Gateway Firewall Service.	Requires Private IP Port for this service.
Secure Gateway Universal Port 3.07 Mbps	SGUP0003	Secure Internetworking Gateway. Gateway Port provides remote office, mobile users and Internet Access from the Private IP (PIP) Network from one port. Secure Gateway Universal Port includes all of the functionality of Secure Gateway Firewall Service.	Requires Private IP Port for this service.

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Secure Gateway Universal Port 4.608 Mbps	SGUP0004	Secure Internetworking Gateway. Gateway Port provides remote office, mobile users and Internet Access from the Private IP (PIP) Network from one port. Secure Gateway Universal Port includes all of the functionality of Secure Gateway Firewall Service.	Requires Private IP Port for this service.
Secure Gateway Universal Port 6.144 Mbps	SGUP0006	Secure Internetworking Gateway. Gateway Port provides remote office, mobile users and Internet Access from the Private IP (PIP) Network from one port. Secure Gateway Universal Port includes all of the functionality of Secure Gateway Firewall Service.	Requires Private IP Port for this service.
Secure Gateway Universal Port 7.680 Mbps	SGUP0007	Secure Internetworking Gateway. Gateway Port provides remote office, mobile users and Internet Access from the Private IP (PIP) Network from one port. Secure Gateway Universal Port includes all of the functionality of Secure Gateway Firewall Service.	Requires Private IP Port for this service.

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Secure Gateway Universal Port 9.216 Mbps	SGUP0009	Secure Internetworking Gateway. Gateway Port provides remote office, mobile users and Internet Access from the Private IP (PIP) Network from one port. Secure Gateway Universal Port includes all of the functionality of Secure Gateway Firewall Service.	Requires Private IP Port for this service.
Secure Gateway Universal Port 10.752 Mbps	SGUP0010	Secure Internetworking Gateway. Gateway Port provides remote office, mobile users and Internet Access from the Private IP (PIP) Network from one port. Secure Gateway Universal Port includes all of the functionality of Secure Gateway Firewall Service.	Requires Private IP Port for this service.
Secure Gateway Universal Port 12.288 Mbps	SGUP0012	Secure Internetworking Gateway. Gateway Port provides remote office, mobile users and Internet Access from the Private IP (PIP) Network from one port. Secure Gateway Universal Port includes all of the functionality of Secure Gateway Firewall Service.	Requires Private IP Port for this service.

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Secure Gateway Universal Port 15.360 Mbps	SGUP0015	Secure Internetworking Gateway. Gateway Port provides remote office, mobile users and Internet Access from the Private IP (PIP) Network from one port. Secure Gateway Universal Port includes all of the functionality of Secure Gateway Firewall Service.	Requires Private IP Port for this service.
Secure Gateway Universal Port 18.432 Mbps	SGUP0018	Secure Internetworking Gateway. Gateway Port provides remote office, mobile users and Internet Access from the Private IP (PIP) Network from one port. Secure Gateway Universal Port includes all of the functionality of Secure Gateway Firewall Service.	Requires Private IP Port for this service.
Secure Gateway Universal Port 25.600 Mbps	SGUP0025	Secure Internetworking Gateway. Gateway Port provides remote office, mobile users and Internet Access from the Private IP (PIP) Network from one port. Secure Gateway Universal Port includes all of the functionality of Secure Gateway Firewall Service.	Requires Private IP Port for this service.

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Secure Gateway Universal Port 43.008 Mbps	SGUP0043	Secure Internetworking Gateway. Gateway Port provides remote office, mobile users and Internet Access from the Private IP (PIP) Network from one port. Secure Gateway Universal Port includes all of the functionality of Secure Gateway Firewall Service.	Requires Private IP Port for this service.
Secure Gateway Universal Port 50 Mbps	SGUP0050	Secure Internetworking Gateway. Gateway Port provides remote office, mobile users and Internet Access from the Private IP (PIP) Network from one port. Secure Gateway Universal Port includes all of the functionality of Secure Gateway Firewall Service.	Requires Private IP Port for this service.
Secure Gateway Universal Port 60 Mbps	SGUP0060	Secure Internetworking Gateway. Gateway Port provides remote office, mobile users and Internet Access from the Private IP (PIP) Network from one port. Secure Gateway Universal Port includes all of the functionality of Secure Gateway Firewall Service.	Requires Private IP Port for this service.

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Secure Gateway Universal Port 70 Mbps	SGUP0070	Secure Internetworking Gateway. Gateway Port provides remote office, mobile users and Internet Access from the Private IP (PIP) Network from one port. Secure Gateway Universal Port includes all of the functionality of Secure Gateway Firewall Service.	Requires Private IP Port for this service.
Secure Gateway Universal Port 80 Mbps	SGUP0080	Secure Internetworking Gateway. Gateway Port provides remote office, mobile users and Internet Access from the Private IP (PIP) Network from one port. Secure Gateway Universal Port includes all of the functionality of Secure Gateway Firewall Service.	Requires Private IP Port for this service.
Secure Gateway Universal Port 90 Mbps	SGUP0090	Secure Internetworking Gateway. Gateway Port provides remote office, mobile users and Internet Access from the Private IP (PIP) Network from one port. Secure Gateway Universal Port includes all of the functionality of Secure Gateway Firewall Service.	Requires Private IP Port for this service.

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Secure Gateway Universal Port 100 Mbps	SGUP0100	Secure Internetworking Gateway. Gateway Port provides remote office, mobile users and Internet Access from the Private IP (PIP) Network from one port. Secure Gateway Universal Port includes all of the functionality of Secure Gateway Firewall Service.	Requires Private IP Port for this service.
Secure Gateway Universal Port 155 Mbps	SGUP0155	Secure Internetworking Gateway. Gateway Port provides remote office, mobile users and Internet Access from the Private IP (PIP) Network from one port. Secure Gateway Universal Port includes all of the functionality of Secure Gateway Firewall Service.	Requires Private IP Port for this service.
Secure Gateway Universal Port 622 Mbps	SGUP0622	Secure Internetworking Gateway. Gateway Port provides remote office, mobile users and Internet Access from the Private IP (PIP) Network from one port. Secure Gateway Universal Port includes all of the functionality of Secure Gateway Firewall Service.	Requires Private IP Port for this service.

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
<p>Secure Gateway Firewall (Custom)</p>	<p>SGFC0000</p>	<p>Custom Gateway Firewall service is an additional add on service to Secure Gateway service. Custom Firewall enables the customer to administer its firewall policies via a web-based Graphic User Interface (GUI) to customize the types of Internet traffic to allow into and out of the customer's VzB network service.</p>	<p>Requires Private IP Port for this service. Customer must manage policy.</p>

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
<p>Reporting Standard Select</p>	<p>RSTS0000</p>	<p>Reporting Standard Select service is an additional add on service to Secure Gateway service. This service enables Volume, bandwidth utilization, and Health statistics for Customer Edge (CE) device LAN interfaces, CE WAN interfaces, CE WAN sub-interfaces, and CE routers. Router details CE memory and CE CPU utilization. Customers can retrieve granular data for the performance of network components. On-demand reporting allows end-users to filter data based on their needs (time-of-day, week, month, etc.). Capacity "What-if" report allows end-users to simulate load and bandwidth changes to existing network infrastructure.</p>	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
<p>SIG Client CPE Managed Service Small</p>	<p>HCCR0871</p>	<p>Hardware Client CPE Mgmt service is an additional add on service to Secure Gateway service. This service provides a Cisco 871. End User Package includes Equipment, Maintenance and Management for Secure Gateway Remote Office. Customer responsible for providing modem and analog telephone line for this service to allow for CPE Mgmt. Customer also responsible for providing Internet connection.</p>	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
<p>SIG Client CPE Managed Service Small - On Site</p>	<p>HCOS0871</p>	<p>Hardware Client CPE Mgmt service is an additional add on service to Secure Gateway service. This service provides a Cisco 871. End User Package includes Equipment, Maintenance and Management for Secure Gateway Remote Office. Customer responsible for providing modem and analog telephone line for this service to allow for CPE Mgmt. Customer also responsible for providing Internet connection.</p>	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
<p>SIG Client CPE Managed Service Small - Remote</p>	<p>HCRM0871</p>	<p>Hardware Client CPE Mgmt service is an additional add on service to Secure Gateway service. This service provides a Cisco 871. End User Package includes Equipment, Maintenance and Management for Secure Gateway Remote Office. Customer responsible for providing modem and analog telephone line for this service to allow for CPE Mgmt. Customer also responsible for providing Internet connection.</p>	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
<p>SIG Client CPE Managed Service Medium</p>	<p>HCCR1811</p>	<p>Hardware Client CPE Mgmt service is an additional add on service to Secure Gateway service. This service provides a Cisco 1811. End User Package includes Equipment, Maintenance and Management for Secure Gateway Remote Office. Customer responsible for providing modem and analog telephone line for this service to allow for CPE Mgmt. Customer also responsible for providing Internet connection.</p>	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
<p>SIG Client CPE Managed Service Medium - On Site</p>	<p>HCOS1811</p>	<p>Hardware Client CPE Mgmt service is an additional add on service to Secure Gateway service. This service provides a Cisco 1811. End User Package includes Equipment, Maintenance and Management for Secure Gateway Remote Office. Customer responsible for providing modem and analog telephone line for this service to allow for CPE Mgmt. Customer also responsible for providing Internet connection.</p>	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
<p>SIG Client CPE Managed Service Medium - Remote</p>	<p>HCRM1811</p>	<p>Hardware Client CPE Mgmt service is an additional add on service to Secure Gateway service. This service provides a Cisco 1811. End User Package includes Equipment, Maintenance and Management for Secure Gateway Remote Office. Customer responsible for providing modem and analog telephone line for this service to allow for CPE Mgmt. Customer also responsible for providing Internet connection.</p>	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
<p>SIG Client CPE Managed Service Large</p>	<p>HCCR1841</p>	<p>Hardware Client CPE Mgmt service is an additional add on service to Secure Gateway service. This service provides a Cisco 1841. End User Package includes Equipment, Maintenance and Management for Secure Gateway Remote Office. Customer responsible for providing modem and analog telephone line for this service to allow for CPE Mgmt. Customer also responsible for providing Internet connection.</p>	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
<p>SIG Client CPE Managed Service Large - On Site</p>	<p>HCOS1841</p>	<p>Hardware Client CPE Mgmt service is an additional add on service to Secure Gateway service. This service provides a Cisco 1841. End User Package includes Equipment, Maintenance and Management for Secure Gateway Remote Office. Customer responsible for providing modem and analog telephone line for this service to allow for CPE Mgmt. Customer also responsible for providing Internet connection.</p>	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
<p>SIG Client CPE Managed Service Large - Remote</p>	<p>HCRM1841</p>	<p>Hardware Client CPE Mgmt service is an additional add on service to Secure Gateway service. This service provides a Cisco 1841. End User Package includes Equipment, Maintenance and Management for Secure Gateway Remote Office. Customer responsible for providing modem and analog telephone line for this service to allow for CPE Mgmt. Customer also responsible for providing Internet connection.</p>	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
OOB Management Analog Connection Service Full	OOBM0001	Out of Band (OOB) Modem with Analog Line service is an additional add on service to SIG Client CPE Managed service. This service enables VzB to provide the require Analog Line and Modem required to provide Management to the Hardware Client CPE. Modem and 1MB service. Includes Modem and Plain Old Telephone Service (POTS). This is used to provide Out of Band (OOB) Mgmt for CPE and Mgmt.	
OOB Management Analog Connection Service Partial	OOBM0002	Out Of Band (OOB) Modem without Analog Line service is an additional add on service to SIG Client CPE Managed service. This service enables VzB to provide the require Modem and the customer provides the Analog Line required to provide Management to the Hardware Client CPE. This is used to provide Out of Band (OOB) Mgmt for CPE and Mgmt.	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Dial Access is an IP dial access service offering that is designed for large organizations that have remote, roaming, or branch office users and/or contractors. Dial Access uses the public Dial Access Network (DAN) (POPs). It provides an excellent infrastructure for remote analog to a business intranet, extranet or virtual private network (VPN). The service provides remote users with a low-cost, dial-up, point-to-point protocol (PPP) connection to the Internet.

Feature Name	Feature Identifier	Feature Description	Feature Limits
Dial Access Flat-Rate Monthly 10 Hours	DAFR0000	Dial Access is an IP dial access service offering that is designed for large organizations that have remote, roaming, or branch office users and/or contractors. Dial Access uses the public Dial Access Network (DAN) (POPs). It provides an excellent infrastructure for remote analog to a business intranet, extranet or virtual private network (VPN). The service provides remote users with a low-cost, dial-up, point-to-point protocol (PPP) connection to the Internet.	US contiguous 48 states
Overage 10	DAFR0001	Overage applies above defined Hours Per Month Per User.	
Acct Maintenance	DAFR0002	Acct Maintenance includes a monthly charge for Dial Access Network customer group.	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits
Additional Domain/Sub Domain Name	DAFR0003	Additional Domain/Sub Name Is applied 1.) If domain name change other than the first provided by VzB at start-up. 2.) If subdomain name other than the first two provided by VzB at start-up. 3.) If edit to existing domain and/or subdomain name 4.) Per Network Access Identifier (NAI) per subsequent requests to add or edit existing NAIs.	
Additional Domain/Sub Domain Name – Change Charges	DAFR0004	Additional Domain/Sub Name Is applied 1.) If domain name change other than the first provided by VzB at start-up. 2.) If subdomain name other than the first two provided by VzB at start-up. 3.) If edit to existing domain and/or subdomain name 4.) Per Network Access Identifier (NAI) per subsequent requests to add or edit existing NAIs.	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits
Dial Access Flat-Rate Monthly 50 Hours	DIAF0000	Dial Access is an IP dial access service offering that is designed for large organizations that have remote, roaming, or branch office users and/or contractors. Dial Access uses the public Dial Access Network (DAN) (POPs). It provides an excellent infrastructure for remote analog to a business intranet, extranet or virtual private network (VPN). The service provides remote users with a low-cost, dial-up, point-to-point protocol (PPP) connection to the Internet.	US contiguous 48 states
Overage 50	DIAF0001	Overage applies above defined Hours Per Month Per User.	
Acct Maintenance	DAFR0002	Acct Maintenance includes a monthly charge for Dial Access Network customer group.	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits
<p>Additional Domain/Sub Domain Name</p>	<p>DAFR0003</p>	<p>Additional Domain/Sub Name Is applied 1.) If domain name change other than the first provided by VzB at start-up. 2.) If subdomain name other than the first two provided by VzB at start-up. 3.) If edit to existing domain and/or subdomain name 4.) Per Network Access Identifier (NAI) per subsequent requests to add or edit existing NAIs.</p>	
<p>Additional Domain/Sub Domain Name – Change Charges</p>	<p>DAFR0004</p>	<p>Additional Domain/Sub Name Is applied 1.) If domain name change other than the first provided by VzB at start-up. 2.) If subdomain name other than the first two provided by VzB at start-up. 3.) If edit to existing domain and/or subdomain name 4.) Per Network Access Identifier (NAI) per subsequent requests to add or edit existing NAIs.</p>	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits
Dial Access Flat-Rate Monthly 150 Hours	DFRM0000	Dial Access is an IP dial access service offering that is designed for large organizations that have remote, roaming, or branch office users and/or contractors. Dial Access uses the public Dial Access Network (DAN) (POPs). It provides an excellent infrastructure for remote analog to a business intranet, extranet or virtual private network (VPN). The service provides remote users with a low-cost, dial-up, point-to-point protocol (PPP) connection to the Internet.	Verizon Business reserves the right to modify its Dial Access pricing at its sole discretion if the average monthly usage of all active Dial Access users of the 150 hours per user per month service offering purchasing under CALNET II exceeds one hundred (100) hours for three (3) consecutive months. US contiguous 48 states
Overage 150	DFRM0001	Overage applies above defined Hours Per Month Per User.	
Acct Maintenance	DAFR0002	Acct Maintenance includes a monthly charge for Dial Access Network customer group.	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits
Additional Domain/Sub Domain Name	DAFR0003	Additional Domain/Sub Name Is applied 1.) If domain name change other than the first provided by VzB at start-up. 2.) If subdomain name other than the first two provided by VzB at start-up. 3.) If edit to existing domain and/or subdomain name 4.) Per Network Access Identifier (NAI) per subsequent requests to add or edit existing NAIs.	
Additional Domain/Sub Domain Name – Change Charges	DAFR0004	Additional Domain/Sub Name Is applied 1.) If domain name change other than the first provided by VzB at start-up. 2.) If subdomain name other than the first two provided by VzB at start-up. 3.) If edit to existing domain and/or subdomain name 4.) Per Network Access Identifier (NAI) per subsequent requests to add or edit existing NAIs.	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits
Dial Access Usage-Based Hourly	DAUB0000	Dial Access is an IP dial access service offering that is designed for large organizations that have remote, roaming, or branch office users and/or contractors. This charge is applied on an Hour by Hour basis. Dial Access uses the public Dial Access Network (DAN) (POPs). It provides an excellent infrastructure for remote analog to a business intranet, extranet or virtual private network (VPN). The service provides remote users with a low-cost, dial-up, point-to-point protocol (PPP) connection to the Internet.	US contiguous 48 states
Acct Maintenance	DAFR0002	Acct Maintenance includes a monthly charge for Dial Access Network customer group.	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits
<p>Additional Domain/Sub Domain Name</p>	<p>DAFR0003</p>	<p>Additional Domain/Sub Name Is applied 1.) If domain name change other than the first provided by VzB at start-up. 2.) If subdomain name other than the first two provided by VzB at start-up. 3.) If edit to existing domain and/or subdomain name 4.) Per Network Access Identifier (NAI) per subsequent requests to add or edit existing NAIs.</p>	
<p>Additional Domain/Sub Domain Name – Change Charges</p>	<p>DAFR0004</p>	<p>Additional Domain/Sub Name Is applied 1.) If domain name change other than the first provided by VzB at start-up. 2.) If subdomain name other than the first two provided by VzB at start-up. 3.) If edit to existing domain and/or subdomain name 4.) Per Network Access Identifier (NAI) per subsequent requests to add or edit existing NAIs.</p>	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits
Dial Access Usage-Based Toll Free Hourly	DAUT0000	Dial Access is an IP dial access service offering that is designed for large organizations that have remote, roaming, or branch office users and/or contractors. This charge is applied on a Toll Free Hour by Hour basis. Dial Access uses the public Dial Access Network (DAN) (POPs). It provides an excellent infrastructure for remote analog to a business intranet, extranet or virtual private network (VPN). The service provides remote users with a low-cost, dial-up, point-to-point protocol (PPP) connection to the Internet.	US contiguous 48 states
Acct Maintenance	DAFR0002	Acct Maintenance includes a monthly charge for Dial Access Network customer group.	

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits
Additional Domain/Sub Domain Name	DAFR0003	Additional Domain/Sub Name Is applied 1.) If domain name change other than the first provided by VzB at start-up. 2.) If subdomain name other than the first two provided by VzB at start-up. 3.) If edit to existing domain and/or subdomain name 4.) Per Network Access Identifier (NAI) per subsequent requests to add or edit existing NAIs.	
Additional Domain/Sub Domain Name – Change Charges	DAFR0004	Additional Domain/Sub Name Is applied 1.) If domain name change other than the first provided by VzB at start-up. 2.) If subdomain name other than the first two provided by VzB at start-up. 3.) If edit to existing domain and/or subdomain name 4.) Per Network Access Identifier (NAI) per subsequent requests to add or edit existing NAIs.	

Managed Internet Dedicated:

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Managed Internet Dedicated Connection Service Small	MNID0001	Managed Internet Dedicated Connection Service Small device provides management services (implementation and ongoing support) on associated CPE for Internet Dedicated access solutions. Managed Internet Dedicated service is available to purchasers of Verizon Internet Dedicated T1, NxT1, T3, or Internet Dedicated Ethernet Service.	Verizon Business will manage up to and including the local area network (LAN) interface on the CPE, but is not responsible for customers LAN operations or the interoperability of the CPE with customers LAN. Verizon Business supports up to 25 static routes on the managed CPE router.
Managed Internet Dedicated Connection Service Medium	MNID0002	Managed Internet Dedicated Connection Service Medium device provides management services (implementation and ongoing support) on associated CPE for Internet Dedicated access solutions. Managed Internet Dedicated service is available to purchasers of Verizon Internet Dedicated T1, NxT1, T3, or Internet Dedicated Ethernet Service.	Verizon Business will manage up to and including the local area network (LAN) interface on the CPE, but is not responsible for customers LAN operations or the interoperability of the CPE with customers LAN. Verizon Business supports up to 25 static routes on the managed CPE router.

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Managed Internet Dedicated Connection Service Large	MNID0003	Managed Internet Dedicated Connection Service Large device provides management services (implementation and ongoing support) on associated CPE for Internet Dedicated access solutions. Managed Internet Dedicated service is available to purchasers of Verizon Internet Dedicated T1, NxT1, T3, or Internet Dedicated Ethernet Service.	Verizon Business will manage up to and including the local area network (LAN) interface on the CPE, but is not responsible for customers LAN operations or the interoperability of the CPE with customers LAN. Verizon Business supports up to 25 static routes on the managed CPE router.

Applicable Service Level Agreements:

- Service Availability Percentage
- Catastrophic Outage 1
- Catastrophic Outage 2
- Catastrophic Outage 3
- Round Trip Transmission Delay
- Packet Loss
- Excessive Outage
- Notification
- Provisioning
- Response Duration from Receipt of Order
- Administrative Service Level Agreements

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 4

Service Identifier: IP and Network IP Transport Services

The pricing includes the following elements: planning, applicable design, engineering, testing, wiring, termination, and applicable service level agreements.

Feature Name	Feature Identifier	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges
IP Transport at a minimum (1 end point):					
56 Kbps	IPTK0056	Per Month	\$615.00	\$336.27	\$0.00
128 Kbps	IPTK0128		\$615.00	\$598.20	\$0.00
384 Kbps	IPTK0384		\$615.00	\$673.20	\$0.00
512 Kbps	IPTK0512		\$615.00	\$698.20	\$0.00
640 Kbps	IPTK0640		\$615.00	\$723.20	\$0.00
768 Kbps	IPTK0768		\$615.00	\$723.20	\$0.00
896 Kbps	IPTK0896		\$615.00	\$748.20	\$0.00
1.024 Mbps	IPTK1024		\$615.00	\$748.20	\$0.00
1.152 Mbps	IPTK1152		\$615.00	\$748.20	\$0.00
1.280 Mbps	IPTK1280		\$615.00	\$748.20	\$0.00
1.408 Mbps	IPTK1408		\$615.00	\$748.20	\$0.00
1.536 Mbps	IPTK1536		\$615.00	\$748.20	\$0.00
1.792 Mbps	IPTK1792		\$1,415.00	\$2,842.13	\$0.00
2.048 Mbps	IPTK2048		\$1,415.00	\$2,842.13	\$0.00
2.304 Mbps	IPTK2304		\$1,415.00	\$2,842.13	\$0.00
2.560 Mbps	IPTK2560		\$1,415.00	\$2,842.13	\$0.00
2.816 Mbps	IPTK2816		\$1,415.00	\$2,842.13	\$0.00
3.072 Mbps	IPTK3072		\$1,415.00	\$2,842.13	\$0.00
3.328 Mbps	IPTK3328		\$1,415.00	\$2,942.13	\$0.00
3.584 Mbps	IPTK3584		\$1,415.00	\$2,942.13	\$0.00
3.840 Mbps	IPTK3840		\$1,415.00	\$2,942.13	\$0.00
4.096 Mbps	IPTK4096		\$1,415.00	\$2,942.13	\$0.00
4.352 Mbps	IPTK4352		\$1,415.00	\$2,942.13	\$0.00
4.608 Mbps	IPTK4608		\$1,415.00	\$2,942.13	\$0.00
4.864 Mbps	IPTK4864		\$1,415.00	\$3,042.13	\$0.00
5.120 Mbps	IPTK5120		\$1,415.00	\$3,042.13	\$0.00
5.632 Mbps	IPTK5632		\$1,415.00	\$3,042.13	\$0.00
6.144 Mbps	IPTK6144		\$1,415.00	\$3,042.13	\$0.00
6.656 Mbps	IPTK6656		\$1,415.00	\$3,142.13	\$0.00
7.168 Mbps	IPTK7168		\$1,415.00	\$3,142.13	\$0.00
7.680 Mbps	IPTK7680		\$1,415.00	\$3,142.13	\$0.00
8.192 Mbps	IPTK8192		\$1,415.00	\$3,342.13	\$0.00
8.704 Mbps	IPTK8704		\$1,415.00	\$3,342.13	\$0.00
9.216 Mbps	IPTK9216		\$1,415.00	\$3,342.13	\$0.00

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 4

Feature Name	Feature Identifier	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges
9.768 Mbps	IPTK9768		\$1,415.00	\$3,642.13	\$0.00
11 Mbps	IPTM0011		\$1,415.00	\$3,842.13	\$0.00
12 Mbps	IPTM0012		\$1,415.00	\$3,842.13	\$0.00
13 Mbps	IPTM0013		\$1,415.00	\$4,042.13	\$0.00
14 Mbps	IPTM0014		\$1,415.00	\$4,042.13	\$0.00
15 Mbps	IPTM0015		\$1,415.00	\$4,042.13	\$0.00
16 Mbps	IPTM0016		\$1,415.00	\$4,042.13	\$0.00
17 Mbps	IPTM0017		\$1,415.00	\$4,042.13	\$0.00
18 Mbps	IPTM0018		\$1,415.00	\$4,042.13	\$0.00
19 Mbps	IPTM0019		\$1,415.00	\$4,042.13	\$0.00
20 Mbps	IPTM0020		\$1,415.00	\$4,042.13	\$0.00
21 Mbps	IPTM0021		\$1,415.00	\$4,342.13	\$0.00
22 Mbps	IPTM0022		\$1,415.00	\$4,342.13	\$0.00
23 Mbps	IPTM0023		\$1,415.00	\$4,342.13	\$0.00
24 Mbps	IPTM0024		\$1,415.00	\$4,342.13	\$0.00
25 Mbps	IPTM0025		\$1,415.00	\$4,342.13	\$0.00
30 Mbps	IPTM0030		\$1,415.00	\$4,342.13	\$0.00
35 Mbps	IPTM0035		\$1,415.00	\$4,342.13	\$0.00
40 Mbps	IPTM0040		\$1,415.00	\$4,342.13	\$0.00
45 Mbps	IPTM0045		\$1,415.00	\$4,342.13	\$0.00
155 Mbps	IPTM0155		ICB	ICB	ICB
622 Mbps	IPTM0622		ICB	ICB	ICB
2.5 Gbps	IPTG0025		ICB	ICB	ICB
10 Gbps	IPTG0010		ICB	ICB	ICB
Ethernet Bundle:	See Below	Per Month	See Below	See Below	See Below
1 Mbps	ETRN0001	✓	ICB	ICB	ICB
2 Mbps	ETRN0002		ICB	ICB	ICB
3 Mbps	ETRN0003		ICB	ICB	ICB
4 Mbps	ETRN0004		ICB	ICB	ICB
5 Mbps	ETRN0005		ICB	ICB	ICB
6 Mbps	ETRN0006		ICB	ICB	ICB
7 Mbps	ETRN0007		ICB	ICB	ICB
8 Mbps	ETRN0008		ICB	ICB	ICB
9 Mbps	ETRN0009		ICB	ICB	ICB
10 Mbps	ETRN0010		ICB	ICB	ICB
15 Mbps	ETRN0015		ICB	ICB	ICB
20 Mbps	ETRN0020		ICB	ICB	ICB
25 Mbps	ETRN0025		ICB	ICB	ICB
30 Mbps	ETRN0030		ICB	ICB	ICB
35 Mbps	ETRN0035		ICB	ICB	ICB
40 Mbps	ETRN0040		ICB	ICB	ICB
50 Mbps	ETRN0050		ICB	ICB	ICB
60 Mbps	ETRN0060		ICB	ICB	ICB

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 4

Feature Name	Feature Identifier	Unit of Measure	Unit Non-Recurring	Unit Recurring	Change Charges
70 Mbps	ETRN0070		ICB	ICB	ICB
80 Mbps	ETRN0080		ICB	ICB	ICB
90 Mbps	ETRN0090		ICB	ICB	ICB
100 Mbps	ETRN0100		ICB	ICB	ICB
200 Mbps	ETRN0200		ICB	ICB	ICB
300 Mbps	ETRN0300		ICB	ICB	ICB
400 Mbps	ETRN0400		ICB	ICB	ICB
500 Mbps	ETRN0500		ICB	ICB	ICB
600 Mbps	ETRN0600		ICB	ICB	ICB
700 Mbps	ETRN0700		ICB	ICB	ICB
800 Mbps	ETRN0800		ICB	ICB	ICB
900 Mbps	ETRN0900		ICB	ICB	ICB
1000 Mbps	ETRN1000	✓	ICB	ICB	ICB
VPLS	VPLS0000		ICB	ICB	ICB

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 4

Additional features and services available for purchase, not required for services described above:

Feature Name	Feature Identifier	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges
Private IP Port Only:					
56/64 KB	PORT0064	Per Month	\$200.00	\$150.00	\$0.00
128 KB	PORT0128		\$200.00	\$250.00	\$0.00
256 KB	PORT0256		\$200.00	\$300.00	\$0.00
384 KB	PORT0384		\$200.00	\$325.00	\$0.00
512 KB	PORT0512		\$200.00	\$350.00	\$0.00
768 KB	PORT0768		\$200.00	\$375.00	\$0.00
1.024 Mbps	PORT1024		\$200.00	\$400.00	\$0.00
1.536 Mbps	PORT1536		\$200.00	\$400.00	\$0.00
3.072 Mbps	PORT3072		\$200.00	\$500.00	\$0.00
4.608 Mbps	PORT4608		\$200.00	\$600.00	\$0.00
6.144 Mbps	PORT6144		\$200.00	\$700.00	\$0.00
7.680 Mbps	PORT7680		\$200.00	\$800.00	\$0.00
9.216 Mbps	PORT9216		\$200.00	\$1,000.00	\$0.00
10.752 Mbps	PORT1075		\$200.00	\$1,300.00	\$0.00
12.288 Mbps	PORT1228		\$200.00	\$1,500.00	\$0.00
19.800 Mbps	PORT1980		\$200.00	\$1,700.00	\$0.00
44.736 Mbps	PORT4473		\$200.00	\$2,000.00	\$0.00
155.52 Mbps (OC3)	PIOC0003		\$0.00	\$5,038	\$0.00
622.08 Mbps (OC12)	PIOC0012		\$0.00	\$15,550	\$0.00
2,488 Mbps (OC48)	PIOC0048		ICB	ICB	ICB
9,953.28 Mbps (OC192)	PIOC0192		ICB	ICB	ICB
Ethernet	See Below		See Below	See Below	See Below
1 Mbps	PIET0001		\$0.00	\$338.00	\$0.00
2 Mbps	PIET0002		\$0.00	\$625.00	\$0.00
3 Mbps	PIET0003		\$0.00	\$689.75	\$0.00
4 Mbps	PIET0004		\$0.00	\$794.25	\$0.00
5 Mbps	PIET0005		\$0.00	\$875.00	\$0.00
6 Mbps	PIET0006		\$0.00	\$919.25	\$0.00
7 Mbps	PIET0007		\$0.00	\$963.00	\$0.00
8 Mbps	PIET0008		\$0.00	\$1,044.50	\$0.00
9 Mbps	PIET0009		\$0.00	\$1,082.50	\$0.00

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 4

Feature Name	Feature Identifier	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges
10 Mbps	PIET0010		\$0.00	\$1,190.75	\$0.00
15 Mbps	PIET0015		\$0.00	\$1,380.50	\$0.00
20 Mbps	PIET0020		\$0.00	\$1,481.00	\$0.00
25 Mbps	PIET0025		\$0.00	\$1,526.00	\$0.00
30 Mbps	PIET0030		\$0.00	\$1,571.25	\$0.00
35 Mbps	PIET0035		\$0.00	\$1,661.75	\$0.00
40 Mbps	PIET0040		\$0.00	\$1,737.50	\$0.00
50 Mbps	PIET0050		\$0.00	\$1,875.00	\$0.00
60 Mbps	PIET0060		\$0.00	\$2,175.00	\$0.00
70 Mbps	PIET0070		\$0.00	\$2,450.00	\$0.00
80 Mbps	PIET0080		\$0.00	\$2,700.00	\$0.00
90 Mbps	PIET0090		\$0.00	\$2,925.00	\$0.00
100 Mbps	PIET0100		\$0.00	\$3,125.00	\$0.00
200 Mbps	PIET0200		\$0.00	\$6,000.00	\$0.00
300 Mbps	PIET0300		\$0.00	\$8,625.00	\$0.00
400 Mbps	PIET0400		\$0.00	\$11,000.00	\$0.00
500 Mbps	PIET0500		\$0.00	\$12,500.00	\$0.00
600 Mbps	PIET0600		\$0.00	\$14,250.00	\$0.00
700 Mbps	PIET0700		\$0.00	\$15,750.00	\$0.00
800 Mbps	PIET0800		\$0.00	\$17,000.00	\$0.00
900 Mbps	PIET0900		\$0.00	\$18,000.00	\$0.00
1000 Mbps	PIET1000		\$0.00	\$18,750.00	\$0.00
PIP Multicasting Per Host Port:		Per Month			
Small Tier 16kbps - 511kbps	IPMC0511		\$0.00	\$40	\$0.00
Medium Tier 512kbps - 1.4Mbps	IPMC1400		\$0.00	\$160	\$0.00
Large Tier 1.5 Mbps - 2.99Mbps	IPMC2990		\$0.00	322.50	\$0.00
Extra Large Tier 3Mbps - 5.99Mbps	IPMC5990		\$0.00	642.50	\$0.00
Jumbo Tier 6Mbps & Greater	IPMC0000		ICB	ICB	ICB

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 4

Feature Name	Feature Identifier	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges
PIP Expedited Forwarding Gold Car Option:					
8 Kbps	CRGD0008		\$0.00	\$10.00	\$0.00
16 Kbps	CRGD0016		\$0.00	\$18.00	\$0.00
32 Kbps	CRGD0032		\$0.00	\$28.50	\$0.00
48 Kbps	CRGD0048		\$0.00	\$36.50	\$0.00
64 Kbps	CRGD0064		\$0.00	\$44.50	\$0.00
128 Kbps	CRGD0128		\$0.00	\$74.00	\$0.00
192 Kbps	CRGD0192		\$0.00	\$99.50	\$0.00
256 Kbps	CRGD0256		\$0.00	\$114.00	\$0.00
320 Kbps	CRGD0320		\$0.00	\$122.50	\$0.00
384 Kbps	CRGD0384		\$0.00	\$163.50	\$0.00
448 Kbps	CRGD0448		\$0.00	\$181.50	\$0.00
512 Kbps	CRGD0512		\$0.00	\$197.00	\$0.00
576 Kbps	CRGD0576		\$0.00	\$210.50	\$0.00
640 Kbps	CRGD0640		\$0.00	\$222.50	\$0.00
704 Kbps	CRGD0704		\$0.00	\$232.50	\$0.00
768 Kbps	CRGD0768		\$0.00	\$240.50	\$0.00
832 Kbps	CRGD0832		\$0.00	\$246.50	\$0.00
896 Kbps	CRGD0896		\$0.00	\$250.50	\$0.00
960 Kbps	CRGD0960		\$0.00	\$253.00	\$0.00
1.024 Mbps	CRGD1024		\$0.00	\$253.50	\$0.00
1.152 Mbps	CRGD1152		\$0.00	\$265.50	\$0.00
1.280 Mbps	CRGD1280		\$0.00	\$273.50	\$0.00
1.408 Mbps	CRGD1408		\$0.00	\$278.00	\$0.00
1.536 Mbps	CRGD1536		\$0.00	\$279.00	\$0.00
2.048 Mbps	CRGD2048		\$0.00	\$355.50	\$0.00
3.072 Mbps	CRGD3072		\$0.00	\$509.50	\$0.00
4.608 Mbps	CRGD4608		\$0.00	\$732.00	\$0.00
6.144 Mbps	CRGD6144		\$0.00	\$939.50	\$0.00
7.680 Mbps	CRGD7680		\$0.00	\$1,131.50	\$0.00
9.216 Mbps	CRGD9216		\$0.00	\$1,308.00	\$0.00
10.752 Mbps	CRGD1075		\$0.00	\$1,469.50	\$0.00
12.288 Mbps	CRGD1228		\$0.00	\$1,615.00	\$0.00
15.360 Mbps	CRGD1560		\$0.00	\$1,937.50	\$0.00
18.432 Mbps	CRGD1843		\$0.00	\$2,229.50	\$0.00
21.504 Mbps	CRGD2150		\$0.00	\$2,490.50	\$0.00
24.576 Mbps	CRGD2457		\$0.00	\$2,721.00	\$0.00
27.648 Mbps	CRGD2764		\$0.00	\$2,921.00	\$0.00
30.720 Mbps	CRGD3070		\$0.00	\$3,089.50	\$0.00
33.792 Mbps	CRGD3379		\$0.00	\$3,228.00	\$0.00
36.864 Mbps	CRGD3686		\$0.00	\$3,335.50	\$0.00
39.936 Mbps	CRGD3993		\$0.00	\$3,412.50	\$0.00
43.008 Mbps	CRGD4300		\$0.00	\$3,458.50	\$0.00

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 4

Feature Name	Feature Identifier	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges
Private IP Access for Port Only:					
DS1 Access	IPAA0001	Per Circuit	\$200.00	\$250.00	
DS3 Access	IPAA0003	Per Circuit	\$1,000.00	\$2,000.00	
155.52 Mbps (OC3 Access)	OCAC0003	Per Circuit	ICB	ICB	ICB
622.08 Mbps (OC12 Access)	OCAC0012	Per Circuit	ICB	ICB	ICB
2,488 Mbps (OC48 Access)	OCAC0048	Per Circuit	ICB	ICB	ICB
9,953.28 Mbps (OC192 Access)	OCAC0192	Per Circuit	ICB	ICB	ICB
Ethernet Access		Per Circuit			
1 Mbps	CEAT0001		ICB	ICB	ICB
2 Mbps	CEAT0002		ICB	ICB	ICB
3 Mbps	CEAT0003		ICB	ICB	ICB
4 Mbps	CEAT0004		ICB	ICB	ICB
5 Mbps	CEAT0005		ICB	ICB	ICB
6 Mbps	CEAT0006		ICB	ICB	ICB
7 Mbps	CEAT0007		ICB	ICB	ICB
8 Mbps	CEAT0008		ICB	ICB	ICB
9 Mbps	CEAT0009		ICB	ICB	ICB
10 Mbps	CEAT0010		ICB	ICB	ICB
15 Mbps	CEAT0015		ICB	ICB	ICB
20 Mbps	CEAT0020		ICB	ICB	ICB
25 Mbps	CEAT0025		ICB	ICB	ICB
30 Mbps	CEAT0030		ICB	ICB	ICB
35 Mbps	CEAT0035		ICB	ICB	ICB
40 Mbps	CEAT0040		ICB	ICB	ICB
50 Mbps	CEAT0050		ICB	ICB	ICB
60 Mbps	CEAT0060		ICB	ICB	ICB
70 Mbps	CEAT0070		ICB	ICB	ICB
80 Mbps	CEAT0080		ICB	ICB	ICB
90 Mbps	CEAT0090		ICB	ICB	ICB
100 Mbps	CEAT0100		ICB	ICB	ICB
200 Mbps	CEAT0200		ICB	ICB	ICB
300 Mbps	CEAT0300		ICB	ICB	ICB
400 Mbps	CEAT0400		ICB	ICB	ICB
500 Mbps	CEAT0500		ICB	ICB	ICB
600 Mbps	CEAT0600		ICB	ICB	ICB

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 4

Feature Name	Feature Identifier	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges
700 Mbps	CEAT0700		ICB	ICB	ICB
800 Mbps	CEAT0800		ICB	ICB	ICB
900 Mbps	CEAT0900		ICB	ICB	ICB
1000 Mbps	CEAT1001		ICB	ICB	ICB

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 4

IP Network Transport Management (Router):

Feature Name	Feature Identifier	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges
Management (Router) - Managed WAN Monitor and Notify (Small)	MWMS0000	Per Month	N/A	\$41	N/A
Management (Router) - Managed WAN Monitor and Notify (Medium)	MWMM0000	Per Month	N/A	\$46	N/A
Management (Router) - Managed WAN Monitor and Notify (Large)	MWML0000	Per Month	N/A	\$70	N/A
Management (Router) - Managed WAN Physical (Small)	MWPH0000	Per Month	N/A	\$79	N/A
Management (Router) - Managed WAN Physical (Medium)	MWPM0000	Per Month	N/A	\$99	N/A
Management (Router) - Managed WAN Physical (Large)	MWPL0000	Per Month	N/A	\$166	N/A
Management (Router) - Managed WAN Full (Small)	MWFS0000	Per Month	N/A	\$90	N/A
Management (Router) - Managed WAN Full (Medium)	MWFM0000	Per Month	N/A	\$117	N/A
Management (Router) - Managed WAN Full (Large)	MWFL0000	Per Month	N/A	\$196	N/A

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 4

Feature Name	Feature Identifier	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges
Takeover of Existing Device Management Takeover of Existing Circuit and Router	MWTO0001	Per Month	\$350	N/A	N/A
New Device- New Circuit or Router Installation requiring initial configuration an implementation support	MWND0001	Per Month	\$550	N/A	N/A
Management (Router) - Threshold Reporting	THRP0000	Per Device Per Month	N/A	\$6	N/A
Management (Router) - Order Expedite Request to activate router in 15 days or less	MROX0000	Per Order	\$1,100	N/A	N/A
Management (Router) - New Implementation Rescheduling	MIRS0000	Per Site	\$300	N/A	N/A
Management (Router) After Hours Premium Charge (M-F, 5 p.m. to 8 a.m., including weekends and holidays	MAHP0000	Per Occurrence	\$600	N/A	N/A

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 4

Optional Change Management provides additional change management support for items customers are not likely to encounter on a daily basis.

Optional Change Management items are charged on a per-incident basis (NRC), and are available to customers that subscribe to 6.3.3.8 IP and Network IP Transport Services. These are enhanced features and a subset of the 6.3.3.8 IP and Network IP Transport Services.

Optional Change Management Activities:

Feature Name	Feature Identifier	Unit of Measure	Unit Non-Recurring	Unit Recurring	Change Charges
Management (Router-remote labor configuration) Dynamic Host Configuration Protocol ("DHCP") IP Helper - Add / Modify / Delete	IPMW0012	Per Occurrence	N/A	N/A	\$50
Management (Router-remote labor configuration) IP Network Address Translation - Add / Modify / Delete	IPMW0013	Per Occurrence	N/A	N/A	\$50
Management (Router-remote labor configuration) Network Routed Protocol - Add / Modify / Delete	IPMW0014	Per Occurrence	N/A	N/A	\$50
Management (Router-remote labor configuration) Managed Service Operations ("MSO") IP/address Subnet Mask Changes	IPMW0015	Per Occurrence	N/A	N/A	\$50

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 4

Feature Name	Feature Identifier	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges
Management (Router-remote labor configuration) Virtual Circuit - Add / Modify / Delete	IPMW0016	Per Occurrence	N/A	N/A	\$50
Management (Router-remote labor configuration) Routing Protocol - Add / Modify / Delete	IPMW0017	Per Occurrence	N/A	N/A	\$50
Management (Router-remote labor configuration) VPN Tunnel - Add / Modify / Delete	IPMW0018	Per Occurrence	N/A	N/A	\$50

In lieu of the optional change management per occurrence services described above, customers have the option to utilize the established hourly rate. Labor charges will commence upon arrival at customer site. Only the highest single NRC will be charged per device. Feature ID's are IPMW0001, IPMW0002, IPMW0003, IPMW0004, IPMW0005, IPMW0006, IPMW0007, IPMW0008, IPMW0009, IPMW0010, and IPMW0011.

Feature Name	Feature Identifier	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges
Management (Router-labor only) Bandwidth Increase / Decrease Physical	IPMW0001	Per Occurrence	\$350	\$0.00	\$0.00
Management (Router-labor only) Hardware Module Upgrade	IPMW0002	Per Occurrence	\$350	\$0.00	\$0.00
Management (Router-labor only) Intra-Building Move	IPMW0003	Per Occurrence	\$350	\$0.00	\$0.00

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 4

Feature Name	Feature Identifier	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges
Management (Router-labor only) Router Move, Inter-Building or Across Town	IPMW0004	Per Occurrence	\$600	\$0.00	\$0.00
Management (Router-labor only) Memory Upgrade	IPMW0005	Per Occurrence	\$350	\$0.00	\$0.00
Management (Router-labor only) Router Exchange	IPMW0006	Per Occurrence	\$350	\$0.00	\$0.00
Management (Router-labor only) Router IOS Change Support New Features	IPMW0007	Per Occurrence	\$350	\$0.00	\$0.00
Management (Router-labor only) Traffic Shaping/Queuing Add/Delete	IPMW0008	Per Occurrence	\$350	\$0.00	\$0.00
Management (Router-labor only) Traffic Filter Design	IPMW0009	Per Occurrence	\$350	\$0.00	\$0.00
Management (Router) Field Service Technicians (labor only) Normal business hours (M-F, 8 a.m. to 5 p.m.).	IPMW0010	Per Hour	\$135	\$0.00	\$0.00

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 4

Feature Name	Feature Identifier	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges
Management (Router) Field Service Technicians (labor only) After hours (M-F, 5 p.m. to 8 a.m., including weekends and holidays).	IPMW0011	Per Hour	\$170	\$0.00	\$0.00

Private IP Secure Gateway Services (Secure Gateway Universal Port - data only not to be used for voice) is a suite of services that includes the three components listed below through a single network based port. This section includes optional managed services for Remote Office connectivity.

Secure Gateway Firewall - provides enterprise employees secure access to the Internet from customer locations connected to private networks via a network-based firewall. Secure Gateway- Firewall is available with Private IP. This service extends the power of Verizon's private networks to safely provide Internet access without the requirement of multiple links and premise based firewalls. Secure Gateway Firewall bundles access with a "stateful firewall" to help protect against a range of network security threats. The network-based firewall inspects and tracks all inbound and outbound data streams, allowing passage of only those packets that match a known and authorized state. Stateful firewalls help improve the security and performance of more traditional packet filters because they capture and hold attributes of each data stream for the entire length of the connection.

Secure Gateway Mobile User – provides secure, encrypted, remote access to the customers' private network for their mobile workforce and remote employees. Mobile User is enabled by geographically-dispersed network gateways deployed at Verizon points of presence (PoPs). The service provides remote access through an exclusively-provisioned port between the customer's private network and the company's public IP network. Remote sites use Verizon or third-party dial, DSL or cable to connect to the Verizon IP backbone or the Internet. Then, using a VPN software client, the remote site automatically establishes a secure IPSec tunnel, through the IP network to the Secure Gateway Port located on a Verizon network gateway. The VPN client allows optional split tunneling for flexible end-user access to the customer's private network only, or to both their private network and the public Internet.

Secure Gateway Remote Office – creates a secure end-to-end logical link between corporate resources or corporate "hubs" on the Verizon network and remote sites connected to the Internet or Verizon's IP network via low cost broadband or T1 access. Verizon network service "hubs" are typically data centers, corporate headquarters, regional offices and other locations hosting mission-critical enterprise servers. Secure Gateway Remote Office utilizes Cisco technology for the hardware client, the Universal Port, or network gateway and the EasyVPN feature of the IOS operating system. Secure Gateway Remote Office leverages industry standard security protocols - IPSec, 3DES, and AES encryption and is an ideal solution for customers with sensitive price points and ease-of-implementation requirements.

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 4

Feature Name	Feature Identifier	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges
Secure Gateway Universal Port 64 Kbps	SEGU0064	Per Month	\$100	\$171	N/A
Secure Gateway Universal Port 128 Kbps	SEGU0128	Per Month	\$100	\$303	N/A
Secure Gateway Universal Port 256 Kbps	SEGU0256	Per Month	\$100	\$404	N/A
Secure Gateway Universal Port 384 Kbps	SEGU0384	Per Month	\$100	\$479	N/A
Secure Gateway Universal Port 512 Kbps	SEGU0512	Per Month	\$100	\$637	N/A
Secure Gateway Universal Port 768 Kbps	SEGU0768	Per Month	\$100	\$750	N/A
Secure Gateway Universal Port 1.024 Mbps	SGUP0001	Per Month	\$100	\$898	N/A
Secure Gateway Universal Port 1.536 Mbps	SGUP0002	Per Month	\$200	\$1,197	N/A
Secure Gateway Universal Port 3.07 Mbps	SGUP0003	Per Month	\$600	\$1,796	N/A
Secure Gateway Universal Port 4.608 Mbps	SGUP0004	Per Month	\$600	\$2,697	N/A
Secure Gateway Universal Port 6.144 Mbps	SGUP0006	Per Month	\$600	\$3,598	N/A

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 4

Feature Name	Feature Identifier	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges
Secure Gateway Universal Port 7.680 Mbps	SGUP0007	Per Month	\$600	\$4,499	N/A
Secure Gateway Universal Port 9.216 Mbps	SGUP0009	Per Month	\$600	\$5,400	N/A
Secure Gateway Universal Port 10.752 Mbps	SGUP0010	Per Month	\$600	\$6,300	N/A
Secure Gateway Universal Port 12.288 Mbps	SGUP0012	Per Month	\$600	\$7,201	N/A
Secure Gateway Universal Port 15.360 Mbps	SGUP0015	Per Month	\$600	\$9,003	N/A
Secure Gateway Universal Port 18.432 Mbps	SGUP0018	Per Month	\$600	\$10,805	N/A
Secure Gateway Universal Port 25.600 Mbps	SGUP0025	Per Month	\$600	\$15,007	N/A
Secure Gateway Universal Port 43.008 Mbps	SGUP0043	Per Month	\$1,000	\$25,213	N/A
Secure Gateway Universal Port 50 Mbps	SGUP0050	Per Month	\$1,000	\$29,314	N/A
Secure Gateway Universal Port 60 Mbps	SGUP0060	Per Month	\$1,000	\$35,180	N/A
Secure Gateway Universal Port 70 Mbps	SGUP0070	Per Month	\$1,000	\$41,045	N/A

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 4

Feature Name	Feature Identifier	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges
Secure Gateway Universal Port 80 Mbps	SGUP0080	Per Month	\$1,000	\$46,910	N/A
Secure Gateway Universal Port 90 Mbps	SGUP0090	Per Month	\$1,000	\$52,776	N/A
Secure Gateway Universal Port 100 Mbps	SGUP0100	Per Month	\$1,000	\$58,641	N/A
Secure Gateway Universal Port 155 Mbps	SGUP0155	Per Month	\$1,000	\$90,897	N/A
Secure Gateway Universal Port 622 Mbps	SGUP0622	Per Month	\$1,000	\$364,764	N/A
Secure Gateway Firewall (Custom)	SGFC0000	Per Month	N/A	\$126	N/A
Reporting Standard Select	RSTS0000	Per Month	N/A	\$12	N/A
SIG Client CPE Managed Service Small	HCCR0871	Per Month	N/A	\$125	N/A
SIG Client CPE Managed Service Small – On Site	HCOS0871	Per Month	On Site- \$400	N/A	N/A
SIG Client CPE Managed Service Small – Remote	HCRM0871	Per Month	Remote \$100	N/A	N/A
SIG Client CPE Managed Service Medium	HCCR1811	Per Month	N/A	\$260	N/A

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 4

Feature Name	Feature Identifier	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges
SIG Client CPE Managed Service Medium - On Site	HCOS1811	Per Month	On Site- \$400	N/A	N/A
SIG Client CPE Managed Service Medium - Remote	HCRM1811	Per Month	Remote \$100	N/A	N/A
SIG Client CPE Managed Service Large	HCCR1841	Per Month	N/A	\$375	N/A
SIG Client CPE Managed Service Large - On Site	HCOS1841	Per Month	On Site- \$400	N/A	N/A
SIG Client CPE Managed Service Large - Remote	HCRM1841	Per Month	Remote \$100	N/A	N/A
OOB Management Analog Connection Service Full	OOBM0001	Per Month	\$100	\$70	N/A
OOB Management Analog Connection Service Partial	OOBM0002	Per Month	\$100	N/A	N/A

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 4

Dial Access is an IP dial access service offering that is designed for large corporations or organizations that have remote, roaming, or branch office users and/or contractors. Dial Access uses the public Dial Access Network (DAN) POPs. It provides an excellent infrastructure for remote analog to a business intranet, extranet or virtual private network (VPN). The service provides remote users with a low-cost, dial-up, point-to-point protocol (PPP) connection to the Internet.

Feature Name	Feature Identifier	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges
Dial Access Flat-Rate Monthly 10 Hours	DAFR0000	10 Hours Per Month Per User	\$0.00	\$3.95	N/A
Overage 10	DAFR0001	Per User, Per Hour	N/A	\$1.50	N/A
Acct Maintenance	DAFR0002	Per Acct	N/A	\$100	N/A
Additional Domain/Sub Domain Name	DAFR0003	Per Occurrence	\$1,000	N/A	N/A
Additional Domain/Sub Domain Name – Change Charges	DAFR0004	Per Change	N/A	N/A	\$1,000

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 4

Feature Name	Feature Identifier	Unit of Measure	Unit Non-Recurring	Unit Recurring	Change Charges
Dial Access Flat-Rate Monthly 50 Hours	DIAF0000	50 Hours Per Month Per User	\$0.00	\$9.95	N/A
Overage 50	DIAF0001	Per User, Per Hour	<u>N/A</u>	\$1.50	N/A
Acct Maintenance	DAFR0002	Per Acct	<u>N/A</u>	\$100	N/A
Additional Domain/Sub Domain Name	DAFR0003	Per Occurrence	\$1,000	N/A	N/A
Additional Domain/Sub Domain Name – Change Charges	DAFR0004	Per Change	N/A	N/A	\$1,000
Dial Access Flat-Rate Monthly 150 Hours	DFRM0000	150 Hours Per Month Per User	\$0.00	<u>\$13.95</u>	N/A
Overage 150	DFRM0001	Per User, Per Hour	<u>N/A</u>	<u>\$1.50</u>	N/A
Acct Maintenance	DAFR0002	Per Acct	<u>N/A</u>	<u>\$100</u>	N/A
Additional Domain/Sub Domain Name	DAFR0003	Per Occurrence	\$1,000	<u>N/A</u>	N/A
Additional Domain/Sub Domain Name – Change Charges	DAFR0004	Per Change	N/A	<u>N/A</u>	\$1,000

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 4

Feature Name	Feature Identifier	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges
Dial Access Usage-Based Hourly	DAUB0000	Per Hour / Per Month	\$0.00	<u>\$1.20</u>	N/A
Acct Maintenance	DAFR0002 ✓	Per Acct	<u>N/A</u>	<u>\$100</u>	N/A
Additional Domain/Sub Domain Name	DAFR0003 ✓	Per Occurrence	\$1,000	<u>N/A</u>	N/A
Additional Domain/Sub Domain Name – Change Charges	DAFR0004 ✓	Per Change	N/A	<u>N/A</u>	\$1,000
Dial Access Usage-Based Toll Free Hourly	DAUT0000	Per Hour / Per Month	\$0.00	<u>\$2.80</u>	N/A
Acct Maintenance	DAFR0002 ✓	Per Acct	<u>N/A</u>	<u>\$100</u>	N/A
Additional Domain/Sub Domain Name	DAFR0003 ✓	Per Occurrence	\$1,000	<u>N/A</u>	N/A
Additional Domain/Sub Domain Name – Change Charges	DAFR0004 ✓	Per Change	N/A	<u>N/A</u>	\$1,000

6.3.3.8 Converged Services, IP and Network IP Transport Services Attachment 4

Managed Internet Dedicated:

Feature Name	Feature Identifier	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges
Managed Internet Dedicated Connection Service Small	MNID0001	Per Month	\$100	\$115	N/A
Managed Internet Dedicated Connection Service Medium	MNID0002	Per Month	\$100	\$153	N/A
Managed Internet Dedicated Connection Service Large	MNID0003	Per Month	\$100	\$268	N/A

Note:

Taxes and Surcharges

The following taxes and/or surcharges may apply. See CALNET II Exhibit 5A - Tax Determination Matrix, Module 3 specific detail.

CA Sales Tax
CA City Utility Users Tax
CA 9-1-1 Surcharge
CA Universal Lifeline Surcharge
CA Relay Service and Communications Device Fund Surcharge
Teleconnect Fund Surcharge
CA PUC Fee
AD Valorem Surcharge
California High Cost Fund
Federal Universal Service Fee/Charge
Regulatory Charge
Administrative Charge

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Service Identifier: Required Premise Equipment and Managed Services

Description of the Service: CPE from the following manufacturers is available, compatible, and interoperable with Verizon's Module 3 IP Services.

Ethernet Switches

Ethernet Switches are used to provide LAN service inside the CALNET II customer site with services.

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Cisco 2950	CSCO2950	24 10/100 LAN	
Cisco 3550	CSCO3550	24 10/100 PoE LAN	
Cisco 3560	CSCO3560	24 10/100 802.3af PoE LAN	
Cisco 3560	CSCO3560	48 10/100 802af PoE LAN	

Routers/Gateways/Combos

Routers can be used with to provide WAN to LAN connectivity with services in Sections 6.3.2, 6.3.3, 6.3.4 and 6.3.5.

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Cisco 1841	CSCO1841	Flash/DRAM: 32/128 Concurrent Calls: 20-41 Description:2 LAN, 1 T1	
Cisco 2811	CSCO2811	Flash/DRAM: 64/256 Concurrent Calls: 20-41 Description:2 LAN, 1 T1	

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Cisco 2821	CSCA2821	Flash/DRAM: 64/256 Concurrent Calls:20-41 Description:2 LAN, 1 T1	
Cisco 2851	CSCB2851	Flash/DRAM: 64/256 Concurrent Calls: 20-41 Description:2 LAN, 1 T1	
Cisco 2851	CSCC2851	Flash/DRAM: 64/256 Concurrent Calls: 40-82 Description:2 LAN,2xT1	
Cisco 2851	CSCD2851	Flash/DRAM: 64/256 Concurrent Calls: 60, 80C-123, 164C Description:2 LAN,3,4xT1	
Cisco 3825	CSCO3825	Flash/DRAM: 64/256 Concurrent Calls:560-750 Description: 2 LAN, 1 DS3	
Cisco 3845	CSCO3845	Flash/DRAM: 64/256 Concurrent Calls:560 - 1148 Description: 2 LAN, 1 DS3	

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Cisco 2611XM	CSCO2611	Flash/DRAM: 32/128 Concurrent Calls: 20 Description: 2 LAN, 1 T1	
Cisco 2621XM	CSCO2621	Flash/DRAM: 32/128 Concurrent Calls: 20 Description: 2 LAN, 1 T1	
Cisco 2651XM	CSCO2651	Flash/DRAM: 32/128 Concurrent Calls: 20 Description: 2 LAN, 1 T1	
Cisco 3725	CSCO3725	Flash/DRAM: 32/256 Concurrent Calls: 150 Description: 2 LAN, 1 DS3	
Cisco 3745	CSCO3745	Flash/DRAM: 32/256 Concurrent Calls: 150 Description: 2 LAN, 1 DS3	

Integrated Access Devices

Integrated Access Devices are analog to VoIP adapters used to connect FAX and other analog devices to VoIP services.

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Mediatrix 1104	MTRX1104	Voice Config: 4 Line Adapter Concurrent Calls: 4 Description: 4 FXS to Ethernet	
Mediatrix 1124	MTRX1124	Voice Config: 24 Line Adapter Concurrent Calls: 24 Description: 24 FXS to Ethernet	

SIP Enabled Firewalls

SIP Enabled Firewalls are to be used to provide security and Network Address Translation functionality with services.

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Cisco Pix501	CPIX0501	1 Public LAN, 1 Private LAN	
Cisco Pix506	CPIX0506	1 Public LAN, 1 Private LAN	
Cisco Pix515	CPIX0515	1 Public LAN, 1 Private LAN	

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

APC UPS

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
APC Smart-Ups RT 1500 Rack Mount XL (SURTA1500RML)	SUPS1050	APC Smart-UPS RT, 1050 Watts / 1500 VA, Input 120V / Output 120V, Interface Port DB-9 RS-232, Smart-Slot, USB, Extended runtime model, Rack Height 2 U . <u>Includes:</u> CD with software, Documentation CD, Installation guide, Rack Mounting support rails, Smart UPS signalling RS-232 cable, USB cable, User Manual	Output connections: (6) NEMA 5-15R
APC Smart-Ups RT 2000 Rack Mount XL (SURTA2000RML)	SUPS1400	APC Smart-UPS RT, 1400 Watts / 2000 VA, Input 120V / Output 120V, Interface Port DB-9 RS-232, Smart-Slot, USB, Extended runtime model, Rack Height 2 U . <u>Includes:</u> CD with software, Documentation CD, Installation guide, Rack Mounting support rails, Smart UPS signalling RS-232 cable, USB cable, User Manual	Uses NEMA 5-20P input connector Output connections: (6) NEMA 5-15R
APC Smart-Ups RT 3000 Rack Mount XL (SURTA3000RML)	SUPS2100	APC Smart-UPS RT, 2100 Watts / 3000 VA, Input 120V / Output 120V, Interface Port DB-9 RS-232, Smart-Slot, Extended runtime model, Rack Height 3 U. <u>Includes:</u> CD with software, Rack Mounting brackets, Rack Mounting support rails, Smart UPS signalling RS-232 cable, User Manual	Uses NEMA 5-20P input connector Output connections: (6) NEMA 5-15R

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
APC Smart-Ups RT 48 Volt Rack Mount Battery Pack (SURTA48RMXLBP)	SUBP0048	External battery pack backup for SURTA1500RMXL and SURTA2000RMXL . Maintenance-free sealed Lead-Acid battery with suspended electrolyte: leakproof . Battery Volt-Amp-Hour Capacity= 864	For use XRT 1500 & 2000
APC Smart-Ups RT 10000 Rack Mount XL (SURT10000RMXLT)	SUPS1000	APC Smart-UPS RT, 8000 Watts / 10 kVA, Input 208V / Output 208V, Interface Port DB-9 RS-232, RJ-45 10/100 Base-T, Smart-Slot, Extended runtime model, Rack Height 6 U	Uses Hard-Wire 3-wire (2PH + G) connection Output connection: (2) NEMA L6-20R, (2) NEMA L6-30R and (1) Hard Wire 3-wire (2PH + G)
APC Smart-Ups RT 192 Volt Rack Mount Battery Pack (SURTA192RMXLBP)	SUBP0192	External battery pack backup units Maintenance-free sealed Lead-Acid battery with suspended electrolyte: leakproof. Battery Volt-Amp-Hour Capacity= 864	For use XRT 3000 & 10000

Cisco

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Cisco MDS 9000 Network Interfaces	MDSS9000	The Cisco MDS 9000 Family, consisting of Cisco MDS 9500 Series multilayer directors, Cisco MDS 9100 and MDS 9200 series multilayer fabric switches, and the Cisco MDS 9020 Series Fabric Switch, provides a full line of products to meet requirements for networks of all sizes and architectures.	The MDS 9000 family transcends both WAN & LAN infrastructures. Cisco MDS 9000 Family optical interface modules.

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)

Attachment 3

Cisco Application Networking Products

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
WAAS			
Cisco WAE-500 Series and Associated Components	CWAE0500	The Cisco® Wide Area Application Engine (WAE) platforms are a portfolio of powerful, scalable network appliances that host WAN optimization and application acceleration solutions that enable branch office server consolidation, performance improvements for centralized applications, and provide remote users with LAN-like access to applications, storage and content across the WAN.	The Cisco WAE-500 Series Wide Area Application Engine is designed for small to medium size branch edge deployments and provides customers with a low-cost, high-performance platform to host Cisco's WAN optimization and application acceleration solutions..
Cisco WAE-600 Series and Associated Components	CWAE0600	The Cisco® Wide Area Application Engine (WAE) platforms are a portfolio of powerful, scalable network appliances that host WAN optimization and application acceleration solutions that enable branch office server consolidation, performance improvements for centralized applications, and provide remote users with LAN-like access to applications, storage and content across the WAN.	The Cisco WAE-600 SERIES Wide Area Application Engine is designed to address the deployment needs at the edge in large enterprise branches and regional offices as well as core installations in medium-sized data centers.

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Cisco WAE-7000 Series and Associated Components	CWAE7000	The Cisco® Wide Area Application Engine (WAE) platforms are a portfolio of powerful, scalable network appliances that host WAN optimization and application acceleration solutions that enable branch office server consolidation, performance improvements for centralized applications, and provide remote users with LAN-like access to applications, storage and content across the WAN.	The Cisco WAE-7000 SERIES Wide Area Application Engine offers the highest level of performance and availability in the Cisco WAE Appliance product line and is designed for deployment as a core WAN optimization and application acceleration device in large enterprise data centers.
Load Balancing/XML Gateways			
Cisco CSS-11000 Series and Associated Modules	CCSS1100	The Cisco CSS 11000 Series Content Services Switch is a high-performance, high-availability modular architecture for Web infrastructures.	
Cisco GSS-4400 Series	CGSS4400	The Cisco Global Site Selector 4400 series delivers advanced site selection services that are critical for Internet and Intranet data center disaster recovery deployments.	
Cisco ACE-xxx Series Appliance	CACE0000	The Cisco® Application Control Engine (ACE) family provides application and network operations management with new levels of control over the way they deploy, operate, deliver, secure and manage business services across the extended enterprise.	

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Application Oriented Networking			
Cisco AON-8300 Series	AONS8300	The Cisco AON 8300 Series that provides routing capabilities for application messages traveling on the network. The network's ability to identify and intelligently route application messages	

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)

Attachment 3

Security Firewalls and Appliances in Support of WAN access

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Cisco PIX 500 Series	PIXS0500	PIX Security Appliance Series delivers robust user and application policy enforcement, multivector attack protection, and secure connectivity services in cost-effective, easy-to-deploy solutions.	Ranging from compact, plug-and-play desktop appliances for small and home offices to modular gigabit appliances.
Cisco ASA 5500 Series	ASAS5500	Cisco ASA 5500 Series Adaptive Security Appliance is a modular platform that provides the next generation of security and VPN services for small and medium-sized business and enterprise applications.	The comprehensive portfolio of services within the Cisco ASA 5500 Series enables customization for location-specific needs through its tailored package product editions for the enterprise-firewall, IPS, anti-X, and VPN.
Cisco Firewall Service Module (FWM)	CFWM0000	Cisco Firewall service module for the Catalyst 6500 Series Switch or Cisco 7600 Aggregation Router.	

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
IDS/IPS			
Cisco IPS 4200 Series	IPSS4200	Cisco IPS 4200 sensors offer protection to your network by helping to detect, classify, stop threats, worms, spyware/adware, network viruses, and application abuse.	
Cisco IDS Service Module (IDSM-2)	IDSM0000	Cisco IPS/IDS service module for the Catalyst 6500 series switch or Cisco 7600 Aggregation router.	
Cisco Security Agent (CSA)	CCSA0000	Host Based Intrusion Prevention system, offers managed desktop as well as server agent to behavioral based protection against kernel level threats such as SQL injection and buffer overflow.	
Cisco Security Agent Management Console (CSA-MC)	CSMC0000	Standalone management console for CSA	
Network Admission Control			
Cisco CCA-xxx Series	CCAS0000	Cisco NAC Appliance (formerly Cisco Clean Access) is an easily deployed Network Admission Control (NAC) product that uses the network infrastructure to enforce security policy compliance on all devices seeking to access network computing resources	With NAC Appliance, network administrators can authenticate, authorize, evaluate, and remediate users and their machines prior to network access.

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)

Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Cisco ACS Solution Engine	ACSE0000	Cisco Secure Access Control Server (ACS) Solution Engine The Cisco Secure ACS Solution Engine provides a centralized identity networking solution and simplified user management. The solution engine helps to ensure enforcement of assigned policies by allowing network administrators to control:	
HTTP Application Security			
Cisco AVS 3100 Series	AVSS3100	The Cisco AVS 3110 Application Velocity System is an enterprise data-center appliance for improving HTML- and XML-based application performance, measuring end-user response time, and managing application security	
DDoS Security			
Cisco DDoS 5600 Series	DDOS5600	Cisco Guard DDoS mitigation appliances provides solutions for detecting and defeating today's highly complex and sophisticated distributed-denial-of-service (DDoS) attacks.	Working in concert with Cisco Traffic Anomaly Detectors, Cisco Guards detect the presence of a potential DDoS attack
Security Monitoring and Analysis	MARS0000	Cisco Security Monitoring, Analysis and Response System (MARS) provides security monitoring for network security devices and host applications made by Cisco and other providers.	

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Cisco MARS 20 Series	MARS0020	Cisco Security MARS 20 for up to 500 events/second and 15,000 NetFlows/second	
Cisco MARS 50 Series	MARS0050	Cisco Security MARS 50 for up to 1,000 events/second and 30,000 NetFlows/second	
Cisco MARS 100 Series	MARS0100	Cisco Security MARS 100 for up to 5000 events/second and 150,000 NetFlows/second	
Cisco MARS 200 Series	MARS0200	Cisco Security MARS 200 for up to 10,000 events/second and 300,000 NetFlows/second	
Cisco MARS 110R Series (CS-MARS-110R-K9)	MARS0110	Cisco Security MARS 110R for up to 4500 Events/Sec and 75,000 Netflows/sec	
Cisco MARS 110 Series (CS-MARS-110-K9)	MARM0110	Cisco Security MARS 110 for up to 7,500 Events/Sec and 150,000 NetFlows/second	
Cisco MARS 210 Series (CS-MARS 210-K9)	MARS0210	Cisco Security MARS 210 for up to 15,000 Events/sec and 300,000 NetFlows/Sec	
Cisco MARS GC2 Series (CS-MARS-GC2-K9)	MRGC0000	Global Controller for MARS 110R/110, 210 only	

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Modules and Misc.			
Modules for ASA 5500 Series	ASMO5500	The Cisco® Advanced Inspection and Prevention Security Services Module (AIP-SSM) for the Cisco ASA 5500 Series Adaptive Security Appliance provides proactive, full-featured intrusion prevention services to stop malicious traffic, including worms and network viruses	

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Switches in Support of LAN access			
Cisco Catalyst 500 Series	CATL0500	Catalyst® Express 500 Series Switches are a fixed-configuration managed Ethernet standalone devices that provide wire-speed Fast Ethernet and Gigabit Ethernet connectivity, enabling enhanced LAN services, security, and IP telephony solutions.	
Cisco Catalyst 2900 Series	CATL2900	Catalyst 2900 Series Intelligent Ethernet Switches enable entry-level, medium-sized, and branch office networks to provide enhanced LAN services. This family of fixed-configuration, standalone devices provide desktop 10/100 Fast Ethernet and 10/100/1000 Gigabit Ethernet connectivity.	

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Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Cisco Catalyst 3500 Series	CATL3500	The Cisco Catalyst 3500 Series is a line of fixed-configuration, switches that include standard Power over Ethernet (PoE) functionality in Fast Ethernet and Gigabit Ethernet configurations.	
Cisco Catalyst 3700 Series	CATL3700	Catalyst 3700 Series Switch Combining both 10/100/1000 and PoE	
Cisco Catalyst 4500	CATL4500	The Cisco Catalyst 4500 Series is a mid-range modular switch series that offers non-blocking layer 2 through layer 4 switching.	
Cisco Catalyst 4900 Series	CATL4900	Catalyst® 4948 is a wire-speed, low-latency, Layer 2-4, 1 rack unit (RU) fixed-configuration switch for rack-optimized server switching.	
Cisco Catalyst 6500 Series	CATL6500	Catalyst 6500 Series Switch delivers the most comprehensive feature sets for core, distribution, wiring closet, data center.	
Routers in Support of WAN access			
Cisco 800 Series	CRTE0800	The Cisco 800 Series also includes broadband routers that provide highly secure Internet access.	
Cisco 1800 Series	CRTE1800	Cisco 1800 Series integrated services routers, Data, Built-in security Cisco Router and Security Device Manager (SDM) for simplified management Up to two 10/100 Mbps built-in routed ports	

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Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Cisco 2800 Series	CRTE2800	Cisco 2800 Series routers, multiple T1/E1 connections for services including: Data Security Voice Video	
Cisco 3800 Series	CRTE3800	Cisco 3800 Series routers: Built-in security Cisco Router and Security Device Manager (SDM) for simplified management Up to two 10/100/1000 Mbps built-in routed ports Up to 112 10/100 Mbps switch ports with optional Power over Ethernet (PoE)	
Cisco 7300 Series	CRTE7300	7300 Series routers are optimized for Multiprotocol Label Switching (MPLS) services.	
Cisco 7200 Series	CRTE7200	Cisco 7200 Series is a modular router that supports a wide range of density, performance, and service requirements. The industry's most widely deployed universal services aggregation router for enterprise and service provider edge applications.	
Cisco 7600 Series	CRTE7600	Cisco 7600 Series edge router to offer integrated, high-density Ethernet switching, IP/MPLS routing.	

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Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Cisco XR 10000 Series	CRXR0000	Cisco® 10000 Series Router is from ATM to Gigabit Ethernet. The Cisco 10000 Series is unique in that it offers a comprehensive, single solution.	
Cisco XR 12000 Series	CRXR1200	Cisco® XR 12000 Series and Cisco 12000 Series routers compose a portfolio of intelligent routing solutions that scale from 2.5- to n x10 Gbps capacity per slot, enabling IP/Multiprotocol Label Switching (MPLS) networks. Optical card can only be purchased in conjunction with MSA3 services.	
Cisco 12000 Series	CRTE1200	Cisco® XR 12000 Series and Cisco 12000 Series routers solutions enabling IP/Multiprotocol Label Switching (MPLS) networks. Optical card can only be purchased in conjunction with MSA3 services.	
Cisco CRS-1 Series	CRSS0000	Cisco® CRS-1 offering continuous system operation, unprecedented service flexibility.	
Cisco UBR Series	URBS0000	The Cisco UBR Universal Broadband Routers are service-enabling, communications-grade cable modem.	

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Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Cisco ASR 1000 Series	CASR1000	Cisco ASR 1000 Series routers offers service providers and enterprises industry-leading performance, service capabilities, reliability, and efficiencies in a compact form factor. Using an innovative new Cisco QuantumFlow processor, current and future services can be instantly turned on to operate at line rate without compromising network performance or availability.	
Infiniband			
Cisco SFS 7000 Series	SFSS7000	Cisco SFS 7000 Series InfiniBand Server Switches provide an ideal server interconnect for distributed application.	
Cisco SFS 3000 Series	SFSS3000	Cisco SFS 3000 Series Multifabric Server Switches server interconnect with Ethernet and Fibre Channel gateways.	

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Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Cisco RPS-2300 Series with Cables and Associated Modules	RPSS2300	<p>The Cisco Redundant Power System (RPS) 2300 increases availability for converged data, voice, and video networks. The RPS 2300:</p> <p>Delivers power supply redundancy and resiliency for a variety of power requirements, including Power over Ethernet (PoE). Helps ensure uninterrupted operation and protection against device power supply failures by providing seamless failover for Cisco switches i Switches and routers.</p> <p>Uses modular power supplies and fan for flexibility Allows users to define and implement the failover policy Has six RPS connectors and can simultaneously back up as many as two switches or routers</p>	
Line Cards and Modules			
Cisco XENPAK Modules	XNPK0000	XENPAK optics for Cisco devices	
Cisco SFP Modules	SFPM0000	SFP Optics for Cisco devices	
Cisco X2 Modules	XOCD0000	X2 Optics for Cisco devices	
Cisco XFP Modules	XFPM0000	XFP Optics for Cisco devices	
Cisco GBIC Modules	GBOC0000	GBIC Optics for Cisco devices	

Cisco Wireless LAN - Cisco Aironet series products

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Cisco WISM controller	WISM0000	WISM is an enterprise class wireless LAN controller for the centralized management and control of Cisco Access Points.	The WISM is a service module for the Cisco Catalyst 6500 LAN switch, which supports up to 300 Access Points simultaneously.
Cisco 4400 Wireless LAN controllers	CWLC4400	The 4400 series is an enterprise class, fixed configuration wireless controller that supports the centralized management and control of Cisco Access Points.	A 4400 series controller can support 12,25,50 or 100 Access Points simultaneously.
Cisco 2100 wireless LAN controllers	CWLC2100	The 2100 series is a wireless LAN controller designed to support the centralized management and control of Cisco Access Points for small WiFi deployments.	A 2100 series controller supports 6 or 12 Access Points simultaneously.
Cisco Wireless LAN Controller Module	CWLC0000	The Cisco Wireless LAN Controller Module is wireless controller designed to support the centralized management of Cisco Access Points for remote-site deployments.	This controller is a network module designed to be installed within the Cisco 2800 and 3800 series routers. The Cisco Wireless LAN Controller supports 6, 8, or 12 Access Points concurrently.

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Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Access Points			
Cisco 1000 Series Access Points	CAPS1000	The Cisco 1000 Series Access Point is designed for small or existing wireless LAN deployments. The 1000 series supports both 802.11a and 802.11b/g	A Cisco Controller is required for control and management of the 1000 Series Access Point.
Cisco 1100 Series Access Points	CAPS1100	The Cisco 1100 Series is a fixed configuration, enterprise class access point designed for small to large wireless deployments.	The 1100 series has integrated WiFi antennas. External antennas are not required or supported with this series.
Cisco 1200 Series Access Points	CAPS1200	The Cisco 1200 Series is an enterprise class access point designed for small to large wireless deployments.	The 1200 series requires external antennas.
Cisco 1300 Series Access Points	CAPS1300	The Cisco 1300 Series is an environmentally hardened, wireless bridge or access point.	The 1300 is designed primarily for outdoor bridging solutions and supports 802.11g only.
Cisco 1400 Series Access Points	CAPS1400	The Cisco 1400 Series is an environmentally hardened wireless bridge.	The 1400 is designed only for outdoor bridging solutions and it supports 802.11a only.
Cisco 1500 Series Access Points	CAPS1500	The Cisco 1500 Series is an enterprise class mesh access point designed to create an outdoor WiFi coverage area.	The 1500 series is deployed as an 802.11 bridge or as a series of bridges to create outdoor WiFi hotspots. A Cisco Controller is required for management of the 1500 Series Access Points. Antennas are required for proper operation of this Access Points.

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Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
AIR-xxx Series Antennas and components	AIRS0000	The Aironet Antennas and related components are indoor/outdoor accessories to the Cisco 1000, 1200, 1300, 1400, and 1500 Series Access Points.	For some Cisco Access Points, an external antenna is required. Mount kits and lightning arrestors are recommended for outdoor deployments.
Cisco Wireless Control Software (WCS)	CWCS0000	The Cisco Wireless Control Software is a software platform which supports the centralized management of Cisco Wireless Controllers. WCS also provides advanced graphical maps, fault analysis tools, and in-depth security monitoring.	WCS is recommended for any mid to large wireless deployments. As WCS is software, a server is required to host this application.
2700 Series Location Appliance	CSLA2700	The Cisco 2700 Series Location Appliance supports the secure tracking of wireless assets (laptops, WiFi phones, RFID, etc.) for Cisco wireless deployments.	The Cisco WCS management platform is required for the proper operation of the 2700 location appliance.
Other Wireless			
Cisco 3200 Mobile Access Router	CMAR3200	The Cisco 3200 Series Mobile Access Router is a modular device deployed as a fixed-location Access Point for WiFi hotspots or as a wireless mobile router in an automobile.	When deployed as a mobile router, the MAR can support WiFi, cellular, EVDO,
Cognio Spectrum Analyzer	CSPA0000	Cognio Spectrum Analyzer is a mobile diagnostic tool for analyzing the wireless spectrum within a building or outdoor environment.	Cognio is a powerful tool for wireless site surveys or for troubleshooting wireless interference.
Cisco WLAN Client Software	CWLS0000	The Cisco WLAN Client Software, also called the Secure Services Client (SSC) is a centrally-managed	Nearly all of the modern wireless adapters are supported; a Cisco

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
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Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
		wireless client (802.1x supplicant) which supports all of the diverse authentication and encryption standards available today..	Aironet Wireless Adapter is not required.
Cisco Aironet Series Wireless Adapters	CAIA0000	The Cisco Aironet Series Wireless Adapters are enterprise class wireless client adapters for existing laptops or desktops.	Aironet Client Adapters support either PCI or Cardbus deployments.

Cisco Interoperability Systems

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Cisco IPICS X.X Server Software	IPIC0000	Cisco IPICS Server Software Release x.x enhances radio interoperability for simple, scalable, comprehensive communications collaboration. Providing even more than radio interoperability.	
Cisco IPICS Policy Engine	IPPE0000	Operations managers can create and easily activate policies that define standard operating procedures, including talk group establishment and user notification, with the Cisco IPICS Policy Engine.	

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Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Cisco IPICS PMC Client Software	IPMC0000	Cisco® IP Interoperability and Collaboration System (IPICS) Push-to-Talk Management Center (PMC) client (Figure 1) is a Microsoft Windows-based application that enables push-to-talk (PTT) functionality for PC users. It allows users to communicate over and monitor broadcasts of multiple channels of communications at the office or from a remote site.	
Cisco IPICS Phone Client	IPIP0000	Cisco® IP Interoperability and Collaboration System (IPICS) Phone Client is an application that enables push-to-talk (PTT) functionality on select models of Cisco Unified IP Phones. It allows users to communicate over and monitor broadcasts of channels of communications. With a push of a single button on the phone, a user can communicate over a channel to other users monitoring that channel.	

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Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Cisco IPICS Operational Views	IPOV0000	Cisco IPICS Operational Views (Ops Views) application augments Cisco IPICS by enabling secure control when two or more agencies, jurisdictions, locations, or departments share information or resources across "ownership and organizational boundaries". It enables the logical segmentation of the visibility, access, and management of resources across these boundaries. In this way, Cisco IPICS overcomes a longstanding challenge of interagency collaboration: enabling each participating entity to maintain control of its own resources.	With Cisco IPICS Ops Views, each agency or jurisdiction retains control of its own communications resources, including people, networks, and devices.

Cisco IP Video

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Cisco Unified Videoconferencing 35xx Series Products	CIPV3500	Cisco Unified Videoconferencing solutions provide a reliable, versatile, and easy-to-manage network infrastructure for video conferencing.	Cisco Unified Videoconferencing 35xx Series Products

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Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Cisco Unified Video Conferencing Manager	CVMR0000	Video conferencing allows interactive video and voice communications between two or more geographically distant people or locations. Cisco Unified Videoconferencing solutions provide a reliable, versatile, and easy-to-manage network infrastructure for video conferencing applications.	Cisco Unified Video Conferencing Manager
Cisco Video Portal	CVPR0000	Help users and customers conveniently and quickly browse, search, and view digital media with the Cisco Video Portal.	Cisco Video Portal
Cisco Video Surveillance IP Gateways	CSVG0000	Cisco Video Surveillance IP Gateway video encoders and decoders use a high-quality MPEG-4 video compression technology that allows video streams to be switched over the IP network at up to full D1 resolution.	Cisco Video Surveillance IP Gateways

Cisco TelePresence

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
TelePresence System x000	CTLP0000	Cisco TelePresence is an innovative new technology that combines rich audio, high-definition video, and interactive elements to deliver a unique, "in-person" experience over the network.	The Cisco TelePresence Meeting solution consists of the Cisco TelePresence 1000 and 3000 endpoint systems, designed for small groups and large groups, respectively. This can only be used for Video TelePresence applications.
TelePresence Multipoint Switch	CTPM0000	The Cisco TelePresence Multipoint Switch is an affordable, purpose-built appliance that is easy to install and offers superior scalability with up to 36 locations in a single meeting. Both point-to-point and multipoint meetings are easily set up directly from a user's groupware calendar (such as Microsoft Outlook), and meetings are initiated with the push of a button.	
TelePresence Manager	CTMG0000	The Cisco TelePresence Manager interfaces with your enterprise groupware to enable scheduling with your calendar. It also pushes information to the system's phone interface.	

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Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Cisco Unified Conferencing for TelePresence	CUTP0000	Cisco Unified Conferencing for TelePresence extends meeting access beyond the Cisco TelePresence meeting room by allowing users to simply dial into meetings from any telephone. You can set up Cisco TelePresence systems and Cisco Unified Conferencing for TelePresence directly from an Outlook calendar and attend meetings with the click of a button.	
TelePresence Cisco Unified Communications Manager	CUCM0000	TelePresence Cisco Unified Communications Manager extends enterprise telephony features and capabilities to packet telephony network devices such as IP phones, media processing devices, voice over IP (VoIP) gateways, and multimedia applications.	
Cisco 78xx Series Media Convergence Servers	CMCS0000	Cisco Media Convergence Servers provide highly available server platforms to host applications within the Cisco Unified Communications system.	

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Cisco Maintenance

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
SMARTnet Maintenance 8x5 Next Business Day (New Maintenance)	SNDB0000	<p>Global access 24 hours a day, 365 a year to specialized engineers in the Cisco TAC, Anytime access to the extensive Cisco.com online knowledge base, resources, and tools, Ongoing operating system software updates, including both minor and major releases within your licensed feature set, Proactive diagnostics and real-time alerts on select devices with Smart Call Home, Advanced hardware replacement 8x5 Next Business Day. This is for new SMARTnet maintenance customers.</p>	<p>Advanced hardware replacement is available in various options. For example, with 8X5 NBD, TAC is available 24 x 7 and advanced hardware replacement is available 8 hours per day with NBD delivery of a replacement. Warranty ensures only that software media are defect-free and the software substantially conforms to its published specifications. *Some exceptions/restrictions apply. Service availability may vary by location and/or product type. There are many SMARTnet options to serve different customer needs. For more details please see www.cisco.com/go/smartnet or http://www.cisco.com/legal/services.html</p>

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Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
<p>SMARTnet Maintenance 8x5x4 Hour (New Maintenance)</p>	<p>SNTE0000</p>	<p>Global access 24 hours a day, 365 a year to specialized engineers in the Cisco TAC, Anytime access to the extensive Cisco.com online knowledge base, resources, and tools, Ongoing operating system software updates, including both minor and major releases within your licensed feature set, Proactive diagnostics and real-time alerts on select devices with Smart Call Home, Advanced hardware replacement 8x5x4 hour. This is for new SMARTnet maintenance customers.</p>	<p>Advanced hardware replacement is available in various options. For example, with 8X5 NBD, TAC is available 24 x 7 and advanced hardware replacement is available 8 hours per day with NBD delivery of a replacement. Warranty ensures only that software media are defect-free and the software substantially conforms to its published specifications. *Some exceptions/restrictions apply. Service availability may vary by location and/or product type. There are many SMARTnet options to serve different customer needs. For more details please see www.cisco.com/go/smartnet or http://www.cisco.com/legal/services.html</p>

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Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
SMARTnet Maintenance 24x7x4 Hour (New Maintenance)	SNTP0000	<p>Global access 24 hours a day, 365 a year to specialized engineers in the Cisco TAC, Anytime access to the extensive Cisco.com online knowledge base, resources, and tools, Ongoing operating system software updates, including both minor and major releases within your licensed feature set, Proactive diagnostics and real-time alerts on select devices with Smart Call Home, Advanced hardware replacement 24x7x4 hour. This is for new SMARTnet maintenance customers.</p>	<p>Advanced hardware replacement is available in various options. For example, with 8X5 NBD, TAC is available 24 x 7 and advanced hardware replacement is available 8 hours per day with NBD delivery of a replacement. Warranty ensures only that software media are defect-free and the software substantially conforms to its published specifications. *Some exceptions/restrictions apply. Service availability may vary by location and/or product type. There are many SMARTnet options to serve different customer needs. For more details please see www.cisco.com/go/smartnet or http://www.cisco.com/legal/services.html</p>

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Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
SMARTnet Maintenance 24x7x2 (New Maintenance)	SSTP0000	Global access 24 hours a day, 365 a year to specialized engineers in the Cisco TAC, Anytime access to the extensive Cisco.com online knowledge base, resources, and tools, Ongoing operating system software updates, including both minor and major releases within your licensed feature set, Proactive diagnostics and real-time alerts on select devices with Smart Call Home, Advanced hardware replacement 24x7x2. This is for new SMARTnet maintenance customers.	Advanced hardware replacement is available in various options. For example, with 8X5 NBD, TAC is available 24 x 7 and advanced hardware replacement is available 8 hours per day with NBD delivery of a replacement. Warranty ensures only that software media are defect-free and the software substantially conforms to its published specifications. *Some exceptions/restrictions apply. Service availability may vary by location and/or product type. There are many SMARTnet options to serve different customer needs. For more details please see www.cisco.com/go/smartnet or http://www.cisco.com/legal/services.html

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Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
SMARTnet Maintenance 8x5 Next Business Day (Maintenance Renewal)	SNDB0001	<p>Global access 24 hours a day, 365 a year to specialized engineers in the Cisco TAC, Anytime access to the extensive Cisco.com online knowledge base, resources, and tools, Ongoing operating system software updates, including both minor and major releases within your licensed feature set, Proactive diagnostics and real-time alerts on select devices with Smart Call Home, Advanced hardware replacement 8x5 Next Business Day. This is for customers renewing their SMARTnet maintenance.</p>	<p>Advanced hardware replacement is available in various options. For example, with 8X5 NBD, TAC is available 24 x 7 and advanced hardware replacement is available 8 hours per day with NBD delivery of a replacement. Warranty ensures only that software media are defect-free and the software substantially conforms to its published specifications. *Some exceptions/restrictions apply. Service availability may vary by location and/or product type. There are many SMARTnet options to serve different customer needs. For more details please see www.cisco.com/go/smartnet or http://www.cisco.com/legal/services.html</p>

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Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
SMARTnet Maintenance 8x5x4 Hour (Maintenance Renewal)	SNTE0001	<p>Global access 24 hours a day, 365 a year to specialized engineers in the Cisco TAC, Anytime access to the extensive Cisco.com online knowledge base, resources, and tools, Ongoing operating system software updates, including both minor and major releases within your licensed feature set, Proactive diagnostics and real-time alerts on select devices with Smart Call Home, Advanced hardware replacement 8x5x4 hour. This is for customers renewing their SMARTnet maintenance.</p>	<p>Advanced hardware replacement is available in various options. For example, with 8X5 NBD, TAC is available 24 x 7 and advanced hardware replacement is available 8 hours per day with NBD delivery of a replacement. Warranty ensures only that software media are defect-free and the software substantially conforms to its published specifications. *Some exceptions/restrictions apply. Service availability may vary by location and/or product type. There are many SMARTnet options to serve different customer needs. For more details please see www.cisco.com/go/smartnet or http://www.cisco.com/legal/services.html</p>

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Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
SMARTnet Maintenance 24x7x4 Hour (Maintenance Renewal)	SNTP0001	<p>Global access 24 hours a day, 365 a year to specialized engineers in the Cisco TAC, Anytime access to the extensive Cisco.com online knowledge base, resources, and tools, Ongoing operating system software updates, including both minor and major releases within your licensed feature set, Proactive diagnostics and real-time alerts on select devices with Smart Call Home, Advanced hardware replacement 24x7x4 hour. This is for customers renewing their SMARTnet maintenance.</p>	<p>Advanced hardware replacement is available in various options. For example, with 8X5 NBD, TAC is available 24 x 7 and advanced hardware replacement is available 8 hours per day with NBD delivery of a replacement. Warranty ensures only that software media are defect-free and the software substantially conforms to its published specifications. *Some exceptions/restrictions apply. Service availability may vary by location and/or product type. There are many SMARTnet options to serve different customer needs. For more details please see www.cisco.com/go/smartnet or http://www.cisco.com/legal/services.html</p>

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Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
SMARTnet Maintenance 24x7x2 (Maintenance Renewal)	SSTP0001	<p>Global access 24 hours a day, 365 a year to specialized engineers in the Cisco TAC, Anytime access to the extensive Cisco.com online knowledge base, resources, and tools, Ongoing operating system software updates, including both minor and major releases within your licensed feature set, Proactive diagnostics and real-time alerts on select devices with Smart Call Home, Advanced hardware replacement 24x7x2. This is for customers renewing their SMARTnet maintenance.</p>	<p>Advanced hardware replacement is available in various options. For example, with 8X5 NBD, TAC is available 24 x 7 and advanced hardware replacement is available 8 hours per day with NBD delivery of a replacement. Warranty ensures only that software media are defect-free and the software substantially conforms to its published specifications. *Some exceptions/restrictions apply. Service availability may vary by location and/or product type. There are many SMARTnet options to serve different customer needs. For more details please see www.cisco.com/go/smartnet or http://www.cisco.com/legal/services.html</p>

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Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
SMARTnet On Site Maintenance 8x5 Next Business Day (New Maintenance)	CSNO0000	<p>Global access 24 hours a day, 365 a year to specialized engineers in the Cisco TAC, Anytime access to the extensive Cisco.com online knowledge base, resources, and tools, Ongoing operating system software updates, including both minor and major releases within your licensed feature set, Proactive diagnostics and real-time alerts on select devices with Smart Call Home, Advanced hardware replacement 8x5 Next Business Day, On site engineer for hardware replacement. This is for new SMARTnet maintenance customers.</p>	<p>Advanced hardware replacement is available in various options. For example, with 8X5 NBD, TAC is available 24 x 7 and advanced hardware replacement is available 8 hours per day with NBD delivery of a replacement. Warranty ensures only that software media are defect-free and the software substantially conforms to its published specifications. *Some exceptions/restrictions apply. Service availability may vary by location and/or product type. There are many SMARTnet options to serve different customer needs. For more details please see www.cisco.com/go/smartnet or http://www.cisco.com/legal/services.html</p>

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Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
SMARTnet On Site Maintenance 8x5x4 Hour (New Maintenance)	CFSO0000	Global access 24 hours a day, 365 a year to specialized engineers in the Cisco TAC, Anytime access to the extensive Cisco.com online knowledge base, resources, and tools, Ongoing operating system software updates, including both minor and major releases within your licensed feature set, Proactive diagnostics and real-time alerts on select devices with Smart Call Home, Advanced hardware replacement 8x5x4 Hour, On site engineer for hardware replacement. This is for new SMARTnet maintenance customers.	Advanced hardware replacement is available in various options. For example, with 8X5 NBD, TAC is available 24 x 7 and advanced hardware replacement is available 8 hours per day with NBD delivery of a replacement. Warranty ensures only that software media are defect-free and the software substantially conforms to its published specifications. *Some exceptions/restrictions apply. Service availability may vary by location and/or product type. There are many SMARTnet options to serve different customer needs. For more details please see www.cisco.com/go/smartnet or http://www.cisco.com/legal/services.html

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Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
SMARTnet On Site Maintenance 24x7x4 Hour (New Maintenance)	CFPO0000	<p>Global access 24 hours a day, 365 a year to specialized engineers in the Cisco TAC, Anytime access to the extensive Cisco.com online knowledge base, resources, and tools, ongoing operating system software updates, including both minor and major releases within your licensed feature set, Proactive diagnostics and real-time alerts on select devices with Smart Call Home, Advanced hardware replacement 24x7x4 Hour, On site engineer for hardware replacement. This is for new SMARTnet maintenance customers.</p>	<p>Advanced hardware replacement is available in various options. For example, with 8X5 NBD, TAC is available 24 x 7 and advanced hardware replacement is available 8 hours per day with NBD delivery of a replacement. Warranty ensures only that software media are defect-free and the software substantially conforms to its published specifications. *Some exceptions/restrictions apply. Service availability may vary by location and/or product type. There are many SMARTnet options to serve different customer needs. For more details please see www.cisco.com/go/smartnet or http://www.cisco.com/legal/services.html</p>

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Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
SMARTnet On Site Maintenance 24x7x2 (New Maintenance)	CTPO0000	<p>Global access 24 hours a day, 365 a year to specialized engineers in the Cisco TAC, Anytime access to the extensive Cisco.com online knowledge base, resources, and tools, Ongoing operating system software updates, including both minor and major releases within your licensed feature set, Proactive diagnostics and real-time alerts on select devices with Smart Call Home, Advanced hardware replacement 24x7x2 Hour, On site engineer for hardware replacement. This is for new SMARTnet maintenance customers.</p>	<p>Advanced hardware replacement is available in various options. For example, with 8X5 NBD, TAC is available 24 x 7 and advanced hardware replacement is available 8 hours per day with NBD delivery of a replacement. Warranty ensures only that software media are defect-free and the software substantially conforms to its published specifications. *Some exceptions/restrictions apply. Service availability may vary by location and/or product type. There are many SMARTnet options to serve different customer needs. For more details please see www.cisco.com/go/smartnet or http://www.cisco.com/legal/services.html</p>

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
SMARTnet On Site Maintenance 8x5 Next Business Day (Maintenance Renewal)	CSNO0001	Global access 24 hours a day, 365 a year to specialized engineers in the Cisco TAC, Anytime access to the extensive Cisco.com online knowledge base, resources, and tools, Ongoing operating system software updates, including both minor and major releases within your licensed feature set, Proactive diagnostics and real-time alerts on select devices with Smart Call Home, Advanced hardware replacement 8x5 Next Business Day, On site engineer for hardware replacement. This is for customers renewing their SMARTnet maintenance.	Advanced hardware replacement is available in various options. For example, with 8X5 NBD, TAC is available 24 x 7 and advanced hardware replacement is available 8 hours per day with NBD delivery of a replacement. Warranty ensures only that software media are defect-free and the software substantially conforms to its published specifications. *Some exceptions/restrictions apply. Service availability may vary by location and/or product type. There are many SMARTnet options to serve different customer needs. For more details please see www.cisco.com/go/smartnet or http://www.cisco.com/legal/services.html

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
SMARTnet On Site Maintenance 8x5x4 Hour (Maintenance Renewal)	CFSO0001	Global access 24 hours a day, 365 a year to specialized engineers in the Cisco TAC, Anytime access to the extensive Cisco.com online knowledge base, resources, and tools, Ongoing operating system software updates, including both minor and major releases within your licensed feature set, Proactive diagnostics and real-time alerts on select devices with Smart Call Home, Advanced hardware replacement 8x5x4 Hour, On site engineer for hardware replacement. This is for customers renewing their SMARTnet maintenance.	Advanced hardware replacement is available in various options. For example, with 8X5 NBD, TAC is available 24 x 7 and advanced hardware replacement is available 8 hours per day with NBD delivery of a replacement. Warranty ensures only that software media are defect-free and the software substantially conforms to its published specifications. *Some exceptions/restrictions apply. Service availability may vary by location and/or product type. There are many SMARTnet options to serve different customer needs. For more details please see www.cisco.com/go/smartnet or http://www.cisco.com/legal/services.html

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
SMARTnet On Site Maintenance 24x7x4 Hour (Maintenance Renewal)	CFPO0001	Global access 24 hours a day, 365 a year to specialized engineers in the Cisco TAC, Anytime access to the extensive Cisco.com online knowledge base, resources, and tools, ongoing operating system software updates, including both minor and major releases within your licensed feature set, Proactive diagnostics and real-time alerts on select devices with Smart Call Home, Advanced hardware replacement 24x7x4 Hour, On site engineer for hardware replacement. This is for customers renewing their SMARTnet maintenance.	Advanced hardware replacement is available in various options. For example, with 8X5 NBD, TAC is available 24 x 7 and advanced hardware replacement is available 8 hours per day with NBD delivery of a replacement. Warranty ensures only that software media are defect-free and the software substantially conforms to its published specifications. *Some exceptions/restrictions apply. Service availability may vary by location and/or product type. There are many SMARTnet options to serve different customer needs. For more details please see www.cisco.com/go/smartnet or http://www.cisco.com/legal/services.html

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
SMARTnet On Site Maintenance 24x7x2 (Maintenance Renewal)	CTPO0001	Global access 24 hours a day, 365 a year to specialized engineers in the Cisco TAC, Anytime access to the extensive Cisco.com online knowledge base, resources, and tools, Ongoing operating system software updates, including both minor and major releases within your licensed feature set, Proactive diagnostics and real-time alerts on select devices with Smart Call Home, Advanced hardware replacement 24x7x2 Hour, On site engineer for hardware replacement. This is for customers renewing their SMARTnet maintenance.	Advanced hardware replacement is available in various options. For example, with 8X5 NBD, TAC is available 24 x 7 and advanced hardware replacement is available 8 hours per day with NBD delivery of a replacement. Warranty ensures only that software media are defect-free and the software substantially conforms to its published specifications. *Some exceptions/restrictions apply. Service availability may vary by location and/or product type. There are many SMARTnet options to serve different customer needs. For more details please see www.cisco.com/go/smartnet or http://www.cisco.com/legal/services.html

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
<p>Application Software Support Minor Software Updates Maintenance (New Maintenance)</p>	<p>SASS0000</p>	<p>Global access 24 hours a day, 365 a year to specialized engineers in the Cisco TAC, Access to Cisco software center, Maintenance, minor software updates (excludes certain application software). This is for new maintenance customers.</p>	<p>Advanced hardware replacement is available in various options. For example, with 8X5 NBD, TAC is available 24 x 7 and advanced hardware replacement is available 8 hours per day with NBD delivery of a replacement. Warranty ensures only that software media are defect-free and the software substantially conforms to its published specifications. *Some exceptions/restrictions apply. Service availability may vary by location and/or product type. There are many SMARTnet options to serve different customer needs. For more details please see www.cisco.com/go/smartnet or http://www.cisco.com/legal/services.html</p>

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
<p>Application Software Support Minor and Major Software Updates (New Maintenance)</p>	<p>SAUS0000</p>	<p>Global access 24 hours a day, 365 a year to specialized engineers in the Cisco TAC, Access to Cisco software center, Maintenance, minor and major software updates (excludes certain application software). This is for new maintenance customers.</p>	<p>Advanced hardware replacement is available in various options. For example, with 8X5 NBD, TAC is available 24 x 7 and advanced hardware replacement is available 8 hours per day with NBD delivery of a replacement. Warranty ensures only that software media are defect-free and the software substantially conforms to its published specifications. *Some exceptions/restrictions apply. Service availability may vary by location and/or product type. There are many SMARTnet options to serve different customer needs. For more details please see www.cisco.com/go/smartnet or http://www.cisco.com/legal/services.html</p>

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
<p>Application Software Support Minor Software Updates for UC Application Software (New Maintenance)</p>	<p>ESWS0000</p>	<p>Global access 24 hours a day, 365 a year to specialized engineers in the Cisco TAC, Access to Cisco software center, Maintenance, minor software updates for certain UC application software. This is for new maintenance customers.</p>	<p>Advanced hardware replacement is available in various options. For example, with 8X5 NBD, TAC is available 24 x 7 and advanced hardware replacement is available 8 hours per day with NBD delivery of a replacement. Warranty ensures only that software media are defect-free and the software substantially conforms to its published specifications. *Some exceptions/restrictions apply. Service availability may vary by location and/or product type. There are many SMARTnet options to serve different customer needs. For more details please see www.cisco.com/go/smartnet or http://www.cisco.com/legal/services.html</p>

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Application Software Support Minor Software Updates Maintenance (Maintenance Renewal)	SASS0001	Global access 24 hours a day, 365 a year to specialized engineers in the Cisco TAC, Access to Cisco software center, Maintenance, minor software updates (excludes certain application software). This is for customers renewing their maintenance.	Advanced hardware replacement is available in various options. For example, with 8X5 NBD, TAC is available 24 x 7 and advanced hardware replacement is available 8 hours per day with NBD delivery of a replacement. Warranty ensures only that software media are defect-free and the software substantially conforms to its published specifications. *Some exceptions/restrictions apply. Service availability may vary by location and/or product type. There are many SMARTnet options to serve different customer needs. For more details please see www.cisco.com/go/smartnet or http://www.cisco.com/legal/services.html

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
<p>Application Software Support Minor and Major Software Updates (Maintenance Renewal)</p>	<p>SAUS0001</p>	<p>Global access 24 hours a day, 365 a year to specialized engineers in the Cisco TAC, Access to Cisco software center, Maintenance, minor and major software updates (excludes certain application software). This is for customers renewing their maintenance.</p>	<p>Advanced hardware replacement is available in various options. For example, with 8X5 NBD, TAC is available 24 x 7 and advanced hardware replacement is available 8 hours per day with NBD delivery of a replacement. Warranty ensures only that software media are defect-free and the software substantially conforms to its published specifications. *Some exceptions/restrictions apply. Service availability may vary by location and/or product type. There are many SMARTnet options to serve different customer needs. For more details please see www.cisco.com/go/smartnet or http://www.cisco.com/legal/services.html</p>

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
<p>Application Software Support Minor Software Updates for UC Application Software (Maintenance Renewal)</p>	<p>ESWS0001</p>	<p>Global access 24 hours a day, 365 a year to specialized engineers in the Cisco TAC, Access to Cisco software center, Maintenance, minor software updates for certain UC application software. This is for customers renewing their maintenance.</p>	<p>Advanced hardware replacement is available in various options. For example, with 8X5 NBD, TAC is available 24 x 7 and advanced hardware replacement is available 8 hours per day with NBD delivery of a replacement. Warranty ensures only that software media are defect-free and the software substantially conforms to its published specifications. *Some exceptions/restrictions apply. Service availability may vary by location and/or product type. There are many SMARTnet options to serve different customer needs. For more details please see www.cisco.com/go/smartnet or http://www.cisco.com/legal/services.html</p>

Polycom

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
IP VIDEO Conferencing System			
ViaVideo Desktop Systems	VIAV0000	Desktop IP Video Conferencing Solution. The product offers IP Video benefits of high resolution content sharing, with simultaneous video and secure calling with embedded encryption. This also is an easy way to communicate face-to-face from your office, from your home, or on the road.	
VSX Series	VSXS0000	Polycom StereoSurround: Super wideband 14kHz audio delivered in two channels with true stereo separation – for conversations and rich media sharing. StereoSurround enables natural left/right audio recognition – just like being in the same room! Additionally, StereoSurround adds clarity so that it's possible to hear and process all far side speakers distinctly, even during multiple simultaneous conversations. Polycom Siren™ 14: Super wideband 14kHz audio, but taking up only a small portion of bandwidth. This provides the best audio at any data rate, while not taking bandwidth away from video! Pro-Motion: Combining excellent video resolution with smooth motion handling to provide the best video quality in the industry. Pro-Motion gives video conferencing users double the normal	

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
		<p>resolution, while maintaining the best possible frame rate for motion handling. SIP support: Polycom's entire video product line-up, from PVX to the VSX 8000 series, includes support for both SIP and H.323. Whichever standard your organization has chosen, Polycom's PVX and VSX systems are the best solutions for your video network. iPriority™: The industry's best QoS for IP networks – a robust set of features to guarantee video, audio and data quality on IP networks. Over 20 QoS features guarantee video, audio and data quality on IP networks. including: IP Precedence, DiffServ, RSVP, lip sync, jitter correction, and correction for packet loss. AES Encryption: For video conferences that must be secure, Polycom includes standards-based encryption on each VSX system. Polycom encryption has been validated externally by NIST approved labs for FIPS compliance and includes a 128-bit key length.</p>	

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Real Presence Experience (RPX) Series	RPXS0000	Polycom RPX is a life like eye to eye surround, immersive, acoustically tuned all inclusive solution. It is standards based with backwards capability with legacy systems. It is the only prefabricated all inclusive environment manufactured in modular movable form.	
IP Multi Channel Conferencing Unit (MCU)			
Multi Station Gateway Conferencing (MGC) 25	IMGC0025	The MGC-25 platform is an economical and easy to use multi-network conferencing solution. The MGC-25 is a small 19" chassis with a sleek, rack mountable design, yet provides value conferencing by supporting the same software as the MGC and MGC+ platforms. With 10 pre-set configurations, the MGC-25 is the perfect solution for any work group environment, or large enterprise with distributed network requirements.	

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
MGC50/100	IMGC050	Polycom's MGC-50 and MGC-100 are high performance, highly scalable MCU and gateway platforms. These flexible systems, designed to accommodate users' changing multipoint needs, use a modular "universal slot" platform that allows a high degree of customization based on port capacity and functionality requirements. The 8-slot MGC-50 can be used in either a distributed or centralized deployment of conferencing and gateway services. The MGC-100, with twice the scalable capacity of the MGC-50 and redundant power supplies, meets the requirements for a centralized service requiring support for a large number of ports, features and multiple network connections, dedicated, switched and packet.	
Web Office	WEBO0000	Polycom's Suite of Management Products for NS based solutions.	
WebCommander	WEBC0000	Polycom's WebCommander is an intuitive web-based interface for scheduling, monitoring and managing video and audio conferences. WebCommander empowers both administrators and users to control all aspects of setting up and running conferences on Polycom MGC platforms, through a web-based wizard interface or Microsoft Outlook.	

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)

Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
IP Video Accessories			
Video and Voice Accessories	VVAC0000	All accessories for IP voice/video products.	
IP Video Software			
Video Software Personal Video Experience (PVX)	IPVX0000	Polycom PVX software application extends the premier Polycom video conferencing experience to every desktop and delivers unprecedented technology and performance. The Polycom PVX also offers the benefits of high resolution content sharing, with simultaneous video and secure calling with embedded encryption. The Polycom PVX solution is an easy way to communicate face-to-face from your office, from your home, or on the road.	
PathNavigator Software	IPNS0000	Polycom's PathNavigator gatekeeper makes IP and ISDN video communications easy to use, with features such as OneDial (simplified dialing) and on-demand "Meeting Rooms," which allow participants to easily initiate a meeting at any time without third party intervention.	
Polycom Conference Suite Software	PCNF0000	Suite of all conferencing management tools	

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Global Management Systems Software	GMSS0000	Designed for IT professionals, the Polycom Global Management System is a web-based system management software solution that enables centralized support of enterprise-wide Polycom video endpoints and MCUs. The feature-rich software includes six major components – System Management, Global Directory, SoftUpdate, Provisioning, Account Management and Reports.	

Nortel

Nortel Routing Switches

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Nortel Enterprise Routing Switch 8XXX Series	ERSW0008	The Nortel 8XXX ERS provides terabit routing throughput and 99.999% reliability with a variety of line card options including 10/100/1000 Ethernet, 30 port GigE, 10GigE, and WAN options. Other features include advanced QOS, sub second fail-over, Integrate.	
Nortel ERS 2XXX LAN switches	ERSW0002	The Nortel ERS 25XX provides 26 port 10/100TX, and 50 port 10/100TX with POE and non-POE versions. The feature full management, QOS, and security for a very low entry cost.	
Nortel ERS 4XXX LAN switches	ERSW0004	The Nortel ERS 45XX provides enterprise class performance and resiliency and high-end features like HiStack switch connectivity, QOS, end point security, and DMLT for no single point of failure. The 4550 is available in a 24 port 100FX, 48 port 10/100TX.	
Nortel ERS 5XXX LAN switches	ERSW0005	The ERS 55XX is the high end enterprise switch providing line rate performance and redundancy. Supports advanced routing features, HiStack resiliency, QOS, and redundant power supply options. There are 24 and 48 port POE and non-POE as well as a 10GigE ve.	

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Nortel ERS redundant power supply	ERSR0000	The RPS 15 can support 3 power supply units in each chassis for 2xxx, 4xxx and 5xxx series.	
Nortel ERS Management Software	ERSM0000	The Nortel management platforms include Policy Manager, ENMS, and Enterprise Switch Manager for QOS and security, fault and element, as well as configuration management.	

Nortel Secure Router

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Nortel Router 1xxx Series	NSCR1000	The Nortel Secure Router 1XXX series are feature rich, low cost, and high performance WAN routers supporting from 1 T-1 or 1 broadband connection to 4 T-1 connections. It also has optional Firewall and Virtual Private Network (VPN) capabilities.	
Nortel Router 3xxx Series	NSCR3000	The Nortel Secure Router 3120 is a feature rich, low cost, and high performance WAN router with a wide variety of interfaces including, 10/100/1000 switch blades, 1, 4 and 8 port T-1, DS3, and GigE. It also has optional Firewall and Virtual Private Network (VPN) capabilities.	

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Nortel Router 4xxx Series	NSCR4000	The Nortel Secure Router 4134 is a feature rich, low cost, and high performance WAN router with a wide variety of interfaces including, 10/100/1000 switch blades, 1, 4 and 8 port T-1, DS3, and GigE. It also has optional Firewall and Virtual Private Network (VPN) capabilities. In addition to routing capabilities it supports Ethernet Switches with PoE and FXO/FXS ports.	

Nortel Security Solutions

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Nortel VPN Gateway Series	NVPG0000	The Nortel VPN Gateway provides secure SSL and IPSec termination for remote users. Various license packages are available (50, 100, 250, 500, 1000).	
Nortel VPN Router Series	NVPR0000	The Nortel VPN Router is primarily an IPSec WAN branch to branch security device but also can support SSL and Ipsec remote access users.	

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)

Attachment 3

Nortel Secure Wireless Solution

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Nortel WLAN 23XX Security Switch Series	WLAN2000	The Nortel WLAN 23XX family of security switches controls the access points and performs key functions such as security, networking, quality of service (QoS) and roaming for mobile users. The WLAN Security Switch also correlates radio frequency data from multiple access points and coordinates their response to changing RF conditions and RF attacks.	
Nortel WLAN 23XX Access Point Series	WLAN2300	The Nortel WLAN 23XX Series Access Points perform 802.11a/b/g mobile connectivity, encryption/decryption for wireless traffic, priority queuing and radio frequency (RF) monitoring, including rogue access point identification and containment. Access points exchange control and data traffic with their associated WLAN Security Switch.	
Nortel WLAN Management Software Series	WLMS0000	The Nortel WLAN Management Software system is a comprehensive design and management tool that identifies ideal access point locations on detailed floor plans, configures all devices with a single click and provides granular monitoring and reporting for complete visibility and control over the entire system.	

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Nortel WLAN Location Engine Series	WLEN0000	The WLAN Location Engine is an optional element that adds integrated location services to any WLAN 2300 installation enabling new applications and services such as location-based security policies, content delivery or asset locating and tracking.	

Nortel Maintenance

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Nortel Maintenance Technical Support and Repair 10 Day	NTGL5300	Nortel will ship the same or like Field Replaceable Unit (FRU) within 10 business days upon receipt of part. This includes 7X24 Technical Phone Support and Operational Software upgrades and Patches.	Not supported by MNS. MNS SLA's would not apply.
Nortel Maintenance Managed Spares and On-Site, 4 Hours 7x24	NTGN5300	Nortel will dispatch a technician and spare part, also called a Field Replaceable Unit (FRU), to the customer's contracted site in exchange for the faulty FRU removed from the defective Nortel product. * 4 hour same day parts & labor if the site is within 50 mi of parts depot, 6 hours if the site is within 51-100 mi based on zip code. This service is provided 7-days-a-week, 24-hours-a-day. No Prerequisites Apply (begins upon RMA being issued by NN). This includes 7X24 Technical Phone Support and Operational Software upgrades and Patches.	Supported by Managed Services. Managed Services SLA's would not apply to maintenance

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Nortel Maintenance Managed Spares and On-Site, Next Business Day	NTGJ5300	Nortel will dispatch a technician and spare part, also called a Field Replaceable Unit (FRU), to the customer's contracted site in exchange for the faulty FRU removed from the defective Nortel product. * Next business day parts & labor if site is within 250 mi. of parts depot based on zip code. This service is provided Mon - Fri (excluding holidays) 7AM - 7PM local time if Return Material Authorization (RMA) is issued by 7PM local time, otherwise 2nd business day. This includes 7X24 Technical Phone Support and Operational Software upgrades and Patches.	Supported by Managed Services. Managed Services SLA's would not apply to maintenance
Nortel Maintenance Managed Spares and Ship Equipment for Customer Install, Next Business Day	NTGF5300	Nortel will ship for next day delivery a spare part, also called a Field Replaceable Unit (FRU). Mon - Fri (excluding holidays) 7AM - 7PM local time if Return Material Authorization (RMA) is issued by 7PM local time, otherwise 2nd business day. This includes 7X24 Technical Phone Support and Operational Software upgrades and Patches.	Not supported by MNS. MNS SLA's would not apply.
Technical Support Only	NTGE5300	This is for 7X24 Technical Phone Support and Operational Software upgrades and Patches only.	Not supported by MNS. MNS SLA's would not apply.

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Plantronics

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Plantronics H251 Series	PLTR0251	Headsets connect to IP Telephones to allow for handsfree call processing. Headsets include amplifier, voice boom or tube, lifter and headset.	
Plantronics H261 Series	PLTR0261	Headsets connect to IP Telephones to allow for handsfree call processing. Headsets include amplifier, voice boom or tube, lifter and headset.	
Plantronics 510S Series	PLTR0510	Headsets connect to IP Telephones to allow for handsfree call processing. Headsets include amplifier, voice boom or tube, lifter and headset.	
Plantronics CS351	PLTR0351	Headsets connect to IP Telephones to allow for hands free call processing. Headsets include amplifier, voice boom or tube, lifter and headset.	
Plantronics CS361	PLTR0361	Headsets connect to IP Telephones to allow for hands free call processing. Headsets include amplifier, voice boom or tube, lifter and headset.	
Plantronics CS55	PLTR0055	Headsets connect to IP Telephones to allow for hands free call processing. Headsets include amplifier, voice boom or tube, lifter and headset.	
Plantronics CS70	PLTR070	Headsets connect to IP Telephones to allow for hands free call processing. Headsets include amplifier, voice boom or tube, lifter and headset.	

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Plantronics H41	PLTR0041	Headsets connect to IP Telephones to allow for hands free call processing. Headsets include amplifier, voice boom or tube, lifter and headset.	
Plantronics H81	PLTR0081	Headsets connect to IP Telephones to allow for hands free call processing. Headsets include amplifier, voice boom or tube, lifter and headset.	

Bogan

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions
Bogan PCMTIM Series	BOGN0000	A Paging Interface Module is for Hosted IP Centrex user access to a customer provided external paging system using an IP Telephone. The paging interface module requires a Hosted IP Centrex seat and Mediatix device to connect to customer provided analog paging equipment.	

6.3.9 Converged Services, Required Customer Premise Equipment (CPE)
Attachment 3

Applicable Service Level Agreements:

- Notification
- Provisioning
- Response Duration from Receipt of Order
- Administrative Service Level Agreements



6.3.9 Converged Services, Required Customer Premise Equipment (CPE) Attachment 4

Service Identifier: 6.3.9 Required Premise Equipment (CPE)

The pricing includes options for the following elements: applicable design and engineering. .

Ethernet Switches

Ethernet Switches are used to provide LAN service inside the CALNET II customer site with services.

Feature Name	Feature Identifier	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges
Cisco 2950	CSCO2950	Per Device	-37.3% Mfg List	-	-
Cisco 3550	CSCO3550	Per Device	-37.3% Mfg List	-	-
Cisco 3560	CSCO3560	Per Device	-37.3% Mfg List	-	-
Cisco 3560	CSCO3560	Per Device	-37.3% Mfg List	-	-

Routers/Gateways/Combos

Routers can be used with to provide WAN to LAN connectivity with services in Sections 6.3.2, 6.3.3, 6.3.4 and 6.3.5.

Feature Name	Feature Identifier	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges
Cisco 1841	CSCO1841	Per Device	-37.3% Mfg List	-	-
Cisco 2811	CSCO2811	Per Device	-37.3% Mfg List	-	-
Cisco 2821	CSCA2821	Per Device	-37.3% Mfg List	-	-
Cisco 2851	CSCB2851	Per Device	-37.3% Mfg List	-	-
Cisco 2851	CSCC2851	Per Device	-37.3% Mfg List	-	-
Cisco 2851	CSCD2851	Per Device	-37.3% Mfg List	-	-
Cisco 3825	CSCO3825	Per Device	-37.3% Mfg List	-	-
Cisco 3845	CSCO3845	Per Device	-37.3% Mfg List	-	-
Cisco 2611XM	CSCO2611	Per Device	-37.3% Mfg List	-	-
Cisco 2621XM	CSCO2621	Per Device	-37.3% Mfg List	-	-
Cisco 2651XM	CSCO2651	Per Device	-37.3% Mfg List	-	-
Cisco 3725	CSCO3725	Per Device	-37.3% Mfg List	-	-
Cisco 3745	CSCO3745	Per Device	-37.3% Mfg List	-	-

6.3.9 Converged Services, Required Customer Premise Equipment (CPE) Attachment 4

Integrated Access Devices

Integrated Access Devices are analog to VoIP adapters used to connect FAX and other analog devices to VoIP services.

Feature Name	Feature Identifier	Unit of Measure	Unit Non -Recurring	Unit Recurring	Change Charges
Mediatrix 1104	MTRX1104	Per Device	-13.5% Mfg List	\$0.00	\$0.00
Mediatrix 1124	MTRX1124	Per Device	-13.5% Mfg List	\$0.00	\$0.00

SIP Enabled Firewalls

SIP Enabled Firewalls are to be used to provide security and Network Address Translation functionality with services.

Feature Name	Feature Identifier	Unit of Measure	Unit Non -Recurring	Unit Recurring	Change Charges
Cisco Pix501	CPIX0501	Per Device	-37.3% Mfg List	-	-
Cisco Pix506	CPIX0506	Per Device	-37.3% Mfg List	-	-
Cisco Pix515	CPIX0515	Per Device	-37.3% Mfg List	-	-

Note: Discounts are from Manufacturers Suggested List Price. Feature Identifier is determined by specific make, model, and configuration purchased.

6.3.9 Converged Services, Required Customer Premise Equipment (CPE) Attachment 4

APC UPS

Feature Name	Feature Identifier	Unit of Measure	Unit Non-Recurring	Unit Recurring	Change Charges
APC Smart-Ups RT 1500 Rack Mount XL SURTA1500RMXL	SUPS1050	Each	38.2% off Mfg List	\$0.00	\$0.00
APC Smart-Ups RT 2000 Rack Mount XL SURTA2000RMXL	SUPS1400	Each	38.2% off Mfg List	\$0.00	\$0.00
APC Smart-Ups RT 3000 Rack Mount XL SURTA3000RMXL	SUPS2100	Each	38.2% off Mfg List	\$0.00	\$0.00
APC Smart-Ups RT 48 Volt Rack Mount Battery Pack (SURTA48RMXLB P)	SUBP0048	Each	38.2% off Mfg List	\$0.00	\$0.00
APC Smart-Ups RT 10000 Rack Mount XL (SURT10000RMXL T	SUPS1000	Each	38.2% off Mfg List	\$0.00	\$0.00
APC Smart-Ups RT 192 Volt Rack Mount Battery Pack (SURTA192RMXL BP)	SUBP0192	Each	38.2% off Mfg List	\$0.00	\$0.00

Cisco

Feature Name	Feature Identifier	Unit of Measure	Unit Non-Recurring	Unit Recurring	Change Charges
Cisco MDS 9000 Network Interfaces	MDSS9000	Each	31% off Mfg List	\$0.00	\$0.00

6.3.9 Converged Services, Required Customer Premise Equipment (CPE) Attachment 4

Cisco Application Networking Products

Feature Name	Feature Identifier	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges
WAAS					
Cisco WAE-500 Series and Associated Components	CWAE0500	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco WAE-600 Series and Associated Components	CWAE0600	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco WAE-7000 Series and Associated Components	CWAE7000	Each	37.4% off Mfg List	\$0.00	\$0.00
Load Balancing/XML Gateways					
Cisco CSS-11000 Series and Associated Modules	CCSS1100	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco GSS-4400 Series	CGSS4400	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco ACE-xxx Series Appliance	CACE0000	Each	37.4% off Mfg List	\$0.00	\$0.00
Application Oriented Networking					
Cisco AON-8300 Series	AONS8300	Each	37.4% off Mfg List	\$0.00	\$0.00

Cisco Security Firewalls and Appliances in Support of WAN access

Feature Name	Feature Identifier	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges
Cisco PIX 500 Series	PIXS0500	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco ASA 5500 Series	ASAS5500	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco Firewall Service Module (FWM)	CFWM0000	Each	37.4% off Mfg List	\$0.00	\$0.00
IDS/IPS					
Cisco IPS 4200 Series	IPSS4200	Each	37.4% off Mfg List		
Cisco IDS Service Module (IDSM-2)	IDSM0000	Each	37.4% off Mfg List		
Cisco Security Agent (CSA)	CCSA0000	Each	37.4% off Mfg List		

6.3.9 Converged Services, Required Customer Premise Equipment (CPE) Attachment 4

Feature Name	Feature Identifier	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges
Cisco Security Agent Management Console (CSA-MC)	CSMC0000	Each	37.4% off Mfg List	\$0.00	\$0.00
Network Admission Control					
Cisco CCA-xxx Series	CCAS0000	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco ACS Solution Engine	ACSE0000	Each	37.4% off Mfg List	\$0.00	\$0.00
HTTP Application Security					
Cisco AVS 3100 Series	AVSS3100	Each	37.4% off Mfg List	\$0.00	\$0.00
DDoS Security					
Cisco DDOS 5600 Series	DDOS5600	Each	37.4% off Mfg List	\$0.00	\$0.00
Security Monitoring and Analysis	MARS0000	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco MARS 20 Series	MARS0020	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco MARS 50 Series	MARS0050	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco MARS 100 Series	MARS0100	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco MARS 200 Series	MARS0200	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco MARS 110R Series (CS-MARS-110R-K9)	MARS0110	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco MARS 110 Series (CS-MARS-110-K9)	MARM0110	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco MARS 210 Series (CS-MARS 210-K9)	MARS0210	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco MARS GC2 Series (CS-MARS-GC2-K9)	MRGC0000	Each	37.4% off Mfg List	\$0.00	\$0.00
Modules and Misc.					
Modules for ASA 5500 Series	ASMO5500	Each	37.4% off Mfg List	\$0.00	\$0.00

6.3.9 Converged Services, Required Customer Premise Equipment (CPE) Attachment 4

Feature Name	Feature Identifier	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges
Switches in Support of LAN access					
Cisco Catalyst 500 Series	CATL0500	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco Catalyst 2900 Series	CATL2900	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco Catalyst 3500 Series	CATL3500	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco Catalyst 3700 Series	CATL3700	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco Catalyst 4500 Series	CATL4500	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco Catalyst 4900 Series	CATL4900	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco Catalyst 6500 Series	CATL6500	Each	37.4% off Mfg List	\$0.00	\$0.00
Routers in Support of WAN Access					
Cisco 800 Series	CRTE0800	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco 1800 Series	CRTE1800	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco 2800 Series	CRTE2800	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco 3800 Series	CRTE3800	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco 7300 Series	CRTE7300	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco 7200 Series	CRTE7200	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco 7600 Series	CRTE7600	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco XR 10000 Series	CRXR0000	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco XR 12000 Series	CRXR1200	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco 12000 Series	CRTE1200	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco CRS-1 Series	CRSS0000	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco UBR Series	URBS0000	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco ASR 1000 Series	CASR1000	Each	37.4% off Mfg List	\$0.00	\$0.00
Infiniband					
Cisco SFS 7000 Series	SFSS7000	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco SFS 3000 Series	SFSS3000	Each	37.4% off Mfg List	\$0.00	\$0.00

6.3.9 Converged Services, Required Customer Premise Equipment (CPE) Attachment 4

Feature Name	Feature Identifier	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges
Cisco RPS-2300 Series with Cables and Associated Modules	RPSS2300	Each	37.4% off Mfg List	\$0.00	\$0.00
Line Cards and Modules					
Cisco XENPAK Modules	XNPK0000	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco SFP Modules	SFPM0000	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco X2 Modules	XOCD0000	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco XFP Modules	XFPM0000	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco GBIC Modules	GBOC0000	Each	37.4% off Mfg List	\$0.00	\$0.00

Cisco Wireless LAN - Cisco Aironet series products

Feature Name	Feature Identifier	Unit of Measure	Unit Non -Recurring	Unit Recurring	Change Charges
Wireless LAN Controllers					
Cisco WISM Controller	WISM0000	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco 4400 Wireless LAN controllers	CWLC4400	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco 2100 wireless LAN controllers	CWLC2100	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco Wireless LAN Controller Module	CWLC0000	Each	37.4% off Mfg List	\$0.00	\$0.00
Access Points					
Cisco 1000 Series Access Points	CAPS1000	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco 1100 Series Access Points	CAPS1100	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco 1200 Series Access Points	CAPS1200	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco 1300 Series Access Points	CAPS1300	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco 1400 Series Access Points	CAPS1400	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco 1500 Series Access Points	CAPS1500	Each	37.4% off Mfg List	\$0.00	\$0.00
AIR-xxx Series Antennas and components	AIRS0000	Each	37.4% off Mfg List	\$0.00	\$0.00

6.3.9 Converged Services, Required Customer Premise Equipment (CPE) Attachment 4

Feature Name	Feature Identifier	Unit of Measure	Unit Non -Recurring	Unit Recurring	Change Charges
Cisco Wireless Control Software (WCS)	CWCS0000	Each	37.4% off Mfg List	\$0.00	\$0.00
2700 Series Location Appliance	CSLA2700	Each	37.4% off Mfg List	\$0.00	\$0.00
Other Wireless					
Cisco 3200 Mobile Access Router	CMAR3200	Each	37.4% off Mfg List	\$0.00	\$0.00
Cognio Spectrum Analyzer	CSPA0000	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco WLAN Client Software	CWLS0000	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco Aironet Series Wireless Adapters	CAIA0000	Each	37.4% off Mfg List	\$0.00	\$0.00

Cisco Interoperability Systems

Feature Name	Feature Identifier	Unit of Measure	Unit Non -Recurring	Unit Recurring	Change Charges
Cisco IPICS X.X Server Software	IPIC0000	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco IPICS Policy Engine	IPPE0000	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco IPICS PMC Client Software	IPMC0000	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco IPICS Phone Client	IPIP0000	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco IPICS Operational Views	IPOV0000	Each	37.4% off Mfg List	\$0.00	\$0.00

Cisco IP Video

Feature Name	Feature Identifier	Unit of Measure	Unit Non -Recurring	Unit Recurring	Change Charges
Cisco Unified Video conferencing 35xx Series Products	CIPV3500	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco Unified Video Conferencing Manager	CVMR0000	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco Video Portal	CVPR0000	Each	37.4% off Mfg List	\$0.00	\$0.00

6.3.9 Converged Services, Required Customer Premise Equipment (CPE) Attachment 4

Feature Name	Feature Identifier	Unit of Measure	Unit Non -Recurring	Unit Recurring	Change Charges
Cisco Video Surveillance IP Gateways	CSVG0000	Each	37.4% off Mfg List	\$0.00	\$0.00

Cisco TelePresence

Feature Name	Feature Identifier	Unit of Measure	Unit Non -Recurring	Unit Recurring	Change Charges
TelePresence System x000	CTLP0000	Each	37.4% off Mfg List	\$0.00	\$0.00
TelePresence Multipoint Switch	CTPM0000	Each	37.4% off Mfg List	\$0.00	\$0.00
TelePresence Manager	CTMG0000	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco Unified Conferencing for TelePresence	CUTP0000	Each	37.4% off Mfg List	\$0.00	\$0.00
TelePresence Cisco Unified Communications Manager	CUCM0000	Each	37.4% off Mfg List	\$0.00	\$0.00
Cisco 78xx Series Media Convergence Servers	CMCS0000	Each	37.4% off Mfg List	\$0.00	\$0.00

Cisco Maintenance

Feature Name	Feature Identifier	Unit of Measure	Unit Non -Recurring	Unit Recurring	Change Charges
SMARTnet Maintenance 8x5 Next Business Day (New Maintenance)	SNDB0000	Per Year	12.4% off Mfg List	\$0.00	\$0.00
SMARTnet Maintenance 8x5x4 Hour (New Maintenance)	SNTE0000	Per Year	12.4% off Mfg List	\$0.00	\$0.00
SMARTnet Maintenance 24x7x4 Hour (New Maintenance)	SNTP0000	Per Year	12.4% off Mfg List	\$0.00	\$0.00
SMARTnet Maintenance 24x7x2 (New Maintenance)	SSTP0000	Per Year	12.4% off Mfg List	\$0.00	\$0.00

6.3.9 Converged Services, Required Customer Premise Equipment (CPE) Attachment 4

Feature Name	Feature Identifier	Unit of Measure	Unit Non -Recurring	Unit Recurring	Change Charges
SMARTnet Maintenance 8x5 Next Business Day (Maintenance Renewal)	SNDB0001	Per Year	18.5% off Mfg List	\$0.00	\$0.00
SMARTnet Maintenance 8x5x4 Hour (Maintenance Renewal)	SNTE0001	Per Year	18.5% off Mfg List	\$0.00	\$0.00
SMARTnet Maintenance 24x7x4 Hour (Maintenance Renewal)	SNTP0001	Per Year	18.5% off Mfg List	\$0.00	\$0.00
SMARTnet Maintenance 24x7x2 (Maintenance Renewal)	SSTP0001	Per Year	18.5% off Mfg List	\$0.00	\$0.00
SMARTnet On Site Maintenance 8x5 Next Business Day (New Maintenance)	CSNO0000	Per Year	12.4% off Mfg List	\$0.00	\$0.00
SMARTnet On Site Maintenance 8x5x4 Hour (New Maintenance)	CFSO0000	Per Year	12.4% off Mfg List	\$0.00	\$0.00
SMARTnet On Site Maintenance 24x7x4 Hour (New Maintenance)	CFPO0000	Per Year	12.4% off Mfg List	\$0.00	\$0.00
SMARTnet On Site Maintenance 24x7x2 (New Maintenance)	CTPO0000	Per Year	12.4% off Mfg List	\$0.00	\$0.00
SMARTnet On Site Maintenance 8x5 Next Business Day (Maintenance Renewal)	CSNO0001	Per Year	18.5% off Mfg List	\$0.00	\$0.00
SMARTnet On Site Maintenance 8x5x4 Hour (Maintenance Renewal)	CFSO0001	Per Year	18.5% off Mfg List	\$0.00	\$0.00

6.3.9 Converged Services, Required Customer Premise Equipment (CPE) Attachment 4

Feature Name	Feature Identifier	Unit of Measure	Unit Non -Recurring	Unit Recurring	Change Charges
SMARTnet On Site Maintenance 24x7x4 Hour (Maintenance Renewal)	CFPO0001	Per Year	18.5% off Mfg List	\$0.00	\$0.00
SMARTnet On Site Maintenance 24x7x2 (Maintenance Renewal)	CTPO0001	Per Year	18.5% off Mfg List	\$0.00	\$0.00
Application Software Support Minor Software Updates Maintenance (New Maintenance)	SASS0000	Per Year	12.4% off Mfg List	\$0.00	\$0.00
Application Software Support Minor and Major Software Updates (New Maintenance)	SAUS0000	Per Year	12.4% off Mfg List	\$0.00	\$0.00
Application Software Support Minor Software Updates for UC Application Software (New Maintenance)	ESWS0000	Per Year	12.4% off Mfg List	\$0.00	\$0.00
Application Software Support Minor Software Updates Maintenance (Maintenance Renewal)	SASS0001	Per Year	18.5% off Mfg List	\$0.00	\$0.00
Application Software Support Minor and Major Software Updates (Maintenance Renewal)	SAUS0001	Per Year	18.5% off Mfg List	\$0.00	\$0.00
Application Software Support Minor Software Updates for UC Application Software (Maintenance Renewal)	ESWS0001	Per Year	18.5% off Mfg List	\$0.00	\$0.00

6.3.9 Converged Services, Required Customer Premise Equipment (CPE) Attachment 4

Polycom

Feature Name	Feature Identifier	Unit of Measure	Unit Non -Recurring	Unit Recurring	Change Charges
IP VIDEO Conferencing System					
ViaVideo Desktop Systems	VIAV0000	Each	29.9% off Mfg List	\$0.00	\$0.00
VSX Series	VSXS0000	Each	35.5% off Mfg List	\$0.00	\$0.00
Real Presence Experience (RPX) Series	RPXS0000	Each	16.6% off Mfg List	\$0.00	\$0.00
IP Multi Channel Conferencing Unit (MCU)					
Multi Station Gateway Conferencing (MGC) 25	IMGC0025	Each	41.0% off Mfg List	\$0.00	\$0.00
MGC50/100	IMGC050	Each	46.6% off Mfg List	\$0.00	\$0.00
Web Office	WEBO0000	Each	46.6% off Mfg List	\$0.00	\$0.00
WebCommander	WEBC0000	Each	46.6% off Mfg List	\$0.00	\$0.00
IP Video Accessories					
Video and Voice Accessories	VVAC0000	Each	18.8% off Mfg List	\$0.00	\$0.00
IP Video Software					
Video Software Personal Video Experience (PVX)	IPVX0000	Each	29.9% off Mfg List	\$0.00	\$0.00
PathNavigator Software	IPNS0000	Each	29.9% off Mfg List	\$0.00	\$0.00
Polycom Conference Suite Software	PCNF0000	Each	29.9% off Mfg List	\$0.00	\$0.00
Global Management Systems Software	GMSS0000	Each	29.9% off Mfg List	\$0.00	\$0.00

6.3.9 Converged Services, Required Customer Premise Equipment (CPE) Attachment 4

Nortel

Nortel Routing Switches

Feature Name	Feature Identifier	Unit of Measure	Unit Non -Recurring	Unit Recurring	Change Charges
Nortel Enterprise Routing Switch 8XXX Series	ERSW0008	Each	44.4% off Mfg List	\$0.00	\$0.00
Nortel ERS 2XXX LAN switches	ERSW0002	Each	47.7% off Mfg List	\$0.00	\$0.00
Nortel ERS 4XXX LAN switches	ERSW0004	Each	47.7% off Mfg List	\$0.00	\$0.00
Nortel ERS 5XXX LAN switches	ERSW0005	Each	46.6% off Mfg List	\$0.00	\$0.00
Nortel ERS redundant power supply	ERSR0000	Each	46.6% off Mfg List	\$0.00	\$0.00
Nortel ERS Management Software	ERSM0000	Each	45.5% off Mfg List	\$0.00	\$0.00

Nortel Secure Router

Feature Name	Feature Identifier	Unit of Measure	Unit Non -Recurring	Unit Recurring	Change Charges
Nortel Router 1xxx Series	NSCR1000	Each	44.4% off Mfg List	\$0.00	\$0.00
Nortel Router 3xxx Series	NSCR3000	Each	44.4% off Mfg List	\$0.00	\$0.00
Nortel Router 4xxx Series	NSCR4000	Each	44.4% off Mfg List	\$0.00	\$0.00

Nortel Security Solutions

Feature Name	Feature Identifier	Unit of Measure	Unit Non -Recurring	Unit Recurring	Change Charges
Nortel VPN Gateway Series	NVPG0000	Each	44.4% off Mfg List	\$0.00	\$0.00
Nortel VPN Router	NVPR0000	Each	44.4% off Mfg List	\$0.00	\$0.00

Nortel Secure Wireless Solution

Feature Name	Feature Identifier	Unit of Measure	Unit Non -Recurring	Unit Recurring	Change Charges
Nortel WLAN 2XXX	WLAN2000	Each	36.6% off Mfg List	\$0.00	\$0.00
Nortel WLAN 23XX Access Point Series	WLAN2300	Each	36.6% off Mfg List	\$0.00	\$0.00

6.3.9 Converged Services, Required Customer Premise Equipment (CPE) Attachment 4

Feature Name	Feature Identifier	Unit of Measure	Unit Non -Recurring	Unit Recurring	Change Charges
Nortel WLAN Management Software Series	WLMS0000	Each	36.6% off Mfg List	\$0.00	\$0.00
Nortel WLAN Location Engine Series	WLEN0000	Each	36.6% off Mfg List	\$0.00	\$0.00

Nortel Maintenance

Feature Name	Feature Identifier	Unit of Measure	Unit Non -Recurring	Unit Recurring	Change Charges
Nortel Maintenance Technical Support and Repair 10 Day	NTGL5300	Per Year	15.8% off Mfg List	\$0.00	\$0.00
Nortel Maintenance Managed Spares and On-Site, 4 Hours 7x24	NTGN5300	Per Year	15.8% off Mfg List	\$0.00	\$0.00
Nortel Maintenance Managed Spares and On-Site, Next Business Day	NTGJ5300	Per Year	15.8% off Mfg List	\$0.00	\$0.00
Nortel Maintenance Managed Spares and Ship Equipment for Customer Install, Next Business Day	NTGF5300	Per Year	10.5% off Mfg List	\$0.00	\$0.00
Technical Support Only	NTGE5300	Per Year	10.5% off Mfg List	\$0.00	\$0.00

6.3.9 Converged Services, Required Customer Premise Equipment (CPE) Attachment 4

Plantronics

Feature Name	Feature Identifier	Unit of Measure	Unit Non -Recurring	Unit Recurring	Change Charges
Plantronics H251 Series	PLTR0251	Each	20% off Mfg List	\$0.00	\$0.00
Plantronics H261 Series	PLTR0261	Each	20% off Mfg List	\$0.00	\$0.00
Plantronics 510S Series	PLTR0510	Each	20% off Mfg List	\$0.00	\$0.00
Plantronics CS351	PLTR0351	Each	20% off Mfg List	\$0.00	\$0.00
Plantronics CS361	PLTR0361	Each	20% off Mfg List	\$0.00	\$0.00
PlantronicsCS55	PLTR0055	Each	20% off Mfg List	\$0.00	\$0.00
Plantronics CS70	PLTR0070	Each	20% off Mfg List	\$0.00	\$0.00
Plantronics H41	PLTR0041	Each	20% off Mfg List	\$0.00	\$0.00
Plantronics H81	PLTR0081	Each	20% off Mfg List	\$0.00	\$0.00

Bogan

Feature Name	Feature Identifier	Unit of Measure	Unit Non -Recurring	Unit Recurring	Change Charges
Bogan PCMTIM Series	BOGN0000	Each	20% off Mfg List	\$0.00	\$0.00

6.3.9 Converged Services, Required Customer Premise Equipment (CPE) Attachment 4

Taxes and Surcharges

The following taxes and/or surcharges may apply. See CALNET II Exhibit 5A - Tax Determination Matrix, Module 3 specific detail.

CA Sales Tax
CA City Utility Users Tax
CA 9-1-1 Surcharge
CA Universal Lifeline Surcharge
CA Relay Service and Communications Device Fund Surcharge
Teleconnect Fund Surcharge
CA PUC Fee
AD Valorem Surcharge
California High Cost Fund
Federal Universal Service Fee/Charge
Regulatory Charge
Administrative Charge