

SCHEDULE G – MPLS Services

Private IP (PIP):

Private IP is a network-based virtual private network (VPN) enabling customers to effectively communicate over a secure network. It also provides the foundation for automating business processes between companies, including e-commerce. The pricing elements for Private IP service are:

Monthly:

- Network Access (Local Loop)
- Port
- Committed Access Rate (CAR) (Required only when ordering an enhanced Class of Service)

Installation:

- Local Access
- PIP Port
- CAR

For this contract, installation charges for all components, including Local Access, are waived however in the event the state removes a service in the first 12 months, Verizon reserves the right to charge install charges.

Private IP Service

Local Access pricing is as per the table in Schedule F2

INSTALLATION WAIVER

Verizon will not charge Installation up front. If the State disconnects the service prior to 12 months, Verizon reserves the right to charge the standard installation fee. This applies to PIP Ports only. Features and Optional services are not included

PORT CHARGES

Port Speed	MRC	NRC	Port Speed	MRC	NRC
64 Kbps	\$ 36.75	\$ 50.00	600M Sub-Rate OC12	\$ 8,433.81	\$ 600.00
256 Kbps	\$ 78.33	\$ 100.00	1M Ethernet	\$ 162.12	\$ 600.00
512 Kbps	\$ 123.69	\$ 100.00	2M Ethernet	\$ 124.00	\$ 600.00
1.024 Mbps	\$ 162.12	\$ 100.00	3M Ethernet	\$ 149.00	\$ 600.00
T1	\$ 155.00	\$ 200.00	4M Ethernet	\$ 175.00	\$ 600.00
3.072 Mbps	\$ 269.00	\$ 600.00	6M Ethernet	\$ 229.00	\$ 600.00
4.608 Mbps	\$ 350.00	\$ 600.00	8M Ethernet	\$ 268.00	\$ 600.00
6.144 Mbps	\$ 402.00	\$ 600.00	10M Ethernet	\$ 274.00	\$ 600.00
DS3	\$ 695.00	\$ 600.00	15M Ethernet	\$ 352.00	\$ 600.00
OC3	\$ 1,990.00	\$ 600.00	20M Ethernet	\$ 375.00	\$ 600.00
OC12	\$ 5,275.00	\$ 600.00	30M Ethernet	\$ 490.00	\$ 600.00
8M Sub-Rate DS3	\$ 486.15	\$ 600.00	40M Ethernet	\$ 603.00	\$ 600.00
10M Sub-Rate DS3	\$ 271.00	\$ 600.00	50M Ethernet	\$ 648.00	\$ 600.00
15M Sub-Rate DS3	\$ 354.00	\$ 600.00	80M Ethernet	\$ 1,026.00	\$ 600.00
20M Sub-Rate DS3	\$ 375.00	\$ 600.00	100M Ethernet	\$ 1,200.00	\$ 600.00
30M Sub-Rate DS3	\$ 555.00	\$ 600.00	150M Ethernet	\$ 1,940.00	\$ 600.00
40M Sub-Rate DS3	\$ 979.44	\$ 600.00	200M Ethernet	\$ 2,079.00	\$ 600.00
80M Sub-Rate OC3	\$ 1,522.08	\$ 600.00	300M Ethernet	\$ 2,995.00	\$ 600.00
100M Sub-Rate OC3	\$ 1,761.90	\$ 600.00	400M Ethernet	\$ 3,191.00	\$ 600.00
200M Sub-Rate OC12	\$ 3,382.05	\$ 600.00	500M Ethernet	\$ 3,690.00	\$ 600.00
300M Sub-Rate OC12	\$ 4,861.71	\$ 600.00	600M Ethernet	\$ 5,165.00	\$ 600.00
400M Sub-Rate OC12	\$ 6,200.46	\$ 600.00	800M Ethernet	\$ 5,684.00	\$ 600.00
500M Sub-Rate OC12	\$ 7,046.13	\$ 600.00	1000M Ethernet	\$ 6,012.00	\$ 600.00

Gold CAR Charges

Speed	MRC	Speed	MRC
8 Kbps	\$ 6.51	17.808 Mbps	\$ 414.96
16 Kbps	\$ 6.51	18.432 Mbps	\$ 414.96
32 Kbps	\$ 6.51	20.000 Mbps	\$ 414.96
56 Kbps	\$ 6.51	24.576 Mbps	\$ 599.34
128 Kbps	\$ 6.51	30.000 Mbps	\$ 599.34
256 Kbps	\$ 6.51	40.000 Mbps	\$ 691.53
384 Kbps	\$ 6.51	44.992 Mbps	\$ 691.53
512 Kbps	\$ 6.51	50.000 Mbps	\$ 1,106.28
768 Kbps	\$ 6.51	72.000 Mbps	\$ 1,106.28
1.376 Mbps	\$ 6.51	90.000 Mbps	\$ 1,106.28
1.536 Mbps	\$ 6.51	110.500 Mbps	\$ 2,028.18
1.728 Mbps	\$ 6.51	139.936 Mbps	\$ 2,028.18
2.000 Mbps	\$ 55.23	180.000 Mbps	\$ 2,028.18
3.000 Mbps	\$ 55.23	248.800 Mbps	\$ 3,134.46
3.500 Mbps	\$ 92.19	450.000 Mbps	\$ 5,531.40
4.096 Mbps	\$ 92.19	700.000 Mbps	\$ 9,034.62
5.000 Mbps	\$ 147.42	900.000 Mbps	\$ 10,970.61
7.200 Mbps	\$ 147.42	1.8Gbps	ICB
9.216 Mbps	\$ 147.42	4.5Gbps	ICB
10.000 Mbps	\$ 230.58	7 Gbps	ICB
13.488 Mbps	\$ 414.96	9.0 Gbps	ICB
15.360 Mbps	\$ 414.96		

Optional Features and Services		
WAN Analysis with Shared or Dedicated Ports		
Reporting Level	MRC	NRC
Provider Edge Reports	Included	\$ -
Standard Select	\$ 15.00	\$ -
ETM Reporting	\$ 35.00	\$ -
ETM Select	\$ 50.00	\$ -

Multicasting		
Multicasting Tier Name	bandwidth Range	MRC
Multicast Tier 0	0K-15K	\$0
Multicast Tier 1	16K-511K	\$0
Multicast Tier 2	512K-1.499M	\$0
Multicast Tier 3	1.5M-2.99M	\$0
Multicast Tier 4	3M-5.99M	\$0
Multicast Tier 5	6-14.99M	\$0
Multicast Tier 6	15M-44.99M	\$0
Multicast Tier 7	45M-99.99M	\$0
Multicast Tier 8	100M-499.99M	\$ 15,750
Multicast Tier 9	500M-999.99M	\$ 31,500
Multicast Tier 10	1G-4.99G	ICB
Multicast Tier 11	5G-9.99G	ICB

Other		
	MRC	Install
Private IP Crossconnect	\$ 500.00	\$ 500.00

Private IP Satellite:

Private IP Satellite offers access to the PIP service through a Satellite uplink.

In addition to the Private IP Ports (priced above), the components of the PIP Satellite service are:

- Satellite Earthstation (Non-Recurring charge)
- Satellite Uplink/Downlink bandwidth (Monthly Recurring Charge)

PRIVATE IP SATELLITE

Private IP Satellite (Options 1). In lieu of all other rates, discounts and promotions, Customer will receive the following discounts off the MRC for Private IP Satellite service.

Primary/Back-up Network Pricing

Data Bandwidth Pricing (Uplink/Downlink) Satellite Portion Only			Standard Service (Primary)	Disaster Recovery (Backup)
PIPS Transmit (Kbps)	PIPS Receive (Kbps)	Total Bandwidth (Kbps)	Per Site	Per Site
32	32	64	\$55	\$43
32	64	96	\$67	\$45
32	128	160	\$91	\$48
32	256	288	\$139	\$54
32	384	416	\$187	\$60
32	512	544	\$236	\$66
32	768	800	\$332	\$77
32	1024	1056	\$428	\$89
32	1544	1576	\$624	\$113
32	2048	2080	\$814	\$137
64	64	128	\$79	\$46
64	128	192	\$103	\$49
64	256	320	\$151	\$55
64	384	448	\$199	\$61
64	512	576	\$248	\$67

64	768	832	\$344	\$79
64	1024	1088	\$440	\$91
64	1544	1608	\$636	\$115
64	2048	2112	\$826	\$138
128	128	256	\$127	\$52
128	256	384	\$175	\$58
128	384	512	\$224	\$64
128	512	640	\$272	\$70
128	768	896	\$368	\$82
128	1024	1152	\$464	\$94
128	1544	1672	\$660	\$118
128	2048	2176	\$850	\$141
256	256	512	\$224	\$64
256	384	640	\$272	\$70
256	512	768	\$320	\$76
256	768	1024	\$416	\$88
256	1024	1280	\$513	\$100
256	1544	1800	\$708	\$124
256	2048	2304	\$898	\$147
384	384	768	\$320	\$76
384	512	896	\$368	\$82
384	768	1152	\$464	\$94
384	1024	1408	\$561	\$106
384	1544	1928	\$757	\$130
384	2048	2432	\$946	\$153
512	512	1024	\$416	\$88
512	768	1280	\$513	\$100
512	1024	1536	\$609	\$112
512	1544	2056	\$805	\$136
512	2048	2560	\$994	\$159
768	768	1536	\$609	\$112
768	1024	1792	\$705	\$123
768	1544	2312	\$901	\$148
768	2048	2816	\$1,091	\$171
1024	1024	2048	\$802	\$135

1024	1544	2568	\$997	\$160
1024	2048	3072	\$1,187	\$183
1544	1544	3088	\$1,193	\$184
1544	2048	3592	\$1,393	\$207
2048	2048	4096	\$1,573	\$230

VoIP Bandwidth Pricing (Uplink/Downlink) Satellite Portion Only			Standard Service (Primary)	Disaster Recovery (Backup)
PIPS Transmit (Kbps)	PIPS Receive (Kbps)	Total Bandwidth (Kbps)	Per Site	Per Site
32	32	64	\$994	\$159
64	64	128	\$1,958	\$278
96	96	192	\$2,922	\$397
128	128	256	\$3,886	\$516
160	160	320	\$4,849	\$635
192	192	384	\$5,813	\$753
224	224	448	\$6,777	\$872
256	256	512	\$7,740	\$991
288	288	576	\$8,704	\$1,110
320	320	640	\$9,668	\$1,229
352	352	704	\$10,632	\$1,348
384	384	768	\$11,595	\$1,467
416	416	832	\$12,559	\$1,585
448	448	896	\$13,523	\$1,704
480	480	960	\$14,486	\$1,823
512	512	1024	\$15,450	\$1,942
544	544	1088	\$16,414	\$2,061
576	576	1152	\$17,377	\$2,180
608	608	1216	\$18,341	\$2,299
640	640	1280	\$19,305	\$2,417
672	672	1344	\$20,269	\$2,536
704	704	1408	\$21,232	\$2,655
736	736	1472	\$22,196	\$2,774

768	768	1536	\$23,160	\$2,893
800	800	1600	\$24,123	\$3,012
832	832	1664	\$25,087	\$3,131
864	864	1728	\$26,051	\$3,249
896	896	1792	\$27,015	\$3,368
928	928	1856	\$27,978	\$3,487
960	960	1920	\$28,942	\$3,606
992	992	1984	\$29,906	\$3,725
1024	1024	2048	\$30,869	\$3,844
1056	1056	2112	\$31,833	\$3,963
1088	1088	2176	\$32,797	\$4,081
1120	1120	2240	\$33,761	\$4,200
1152	1152	2304	\$34,724	\$4,319
1184	1184	2368	\$35,688	\$4,438
1216	1216	2432	\$36,652	\$4,557
1248	1248	2496	\$37,615	\$4,676
1280	1280	2560	\$38,579	\$4,795
1312	1312	2624	\$39,543	\$4,913
1344	1344	2688	\$40,506	\$5,032
1376	1376	2752	\$41,470	\$5,151
1408	1408	2816	\$42,434	\$5,270
1440	1440	2880	\$43,398	\$5,389
1472	1472	2944	\$44,361	\$5,508
1504	1504	3008	\$45,325	\$5,627
1536	1536	3072	\$46,289	\$5,745
1568	1568	3136	\$47,252	\$5,864
1600	1600	3200	\$48,216	\$5,983
1632	1632	3264	\$49,180	\$6,102
1664	1664	3328	\$50,144	\$6,221
1696	1696	3392	\$51,107	\$6,340
1728	1728	3456	\$52,071	\$6,459
1760	1760	3520	\$53,035	\$6,577
1792	1792	3584	\$53,998	\$6,696
1824	1824	3648	\$54,962	\$6,815
1856	1856	3712	\$55,926	\$6,934

1888	1888	3776	\$56,889	\$7,053
1920	1920	3840	\$57,853	\$7,172
1952	1952	3904	\$58,817	\$7,291
1984	1984	3968	\$59,781	\$7,409
2016	2016	4032	\$60,744	\$7,528
2048	2048	4096	\$61,708	\$7,647

Pricing Notes

- Pricing is for U.S., Alaska (limited), Hawaii, Puerto Rico, and U.S. Virgin Islands (USVI), where available.
- Pricing includes Reactive Network Management (Tier 1).
- Pricing does not include CPE Installation or Maintenance.

Back-Up Assumptions

Disaster Recovery (Backup) Assumptions: Disaster Recovery (Backup) provides an alternate diverse access path for Customer's occasional use if its primary terrestrial communications path fails. Disaster Recovery (Backup) is available if Customer purchases a minimum of 10 sites with a common subscription data rate for backup purposes. The available bandwidth pool is comprised of 10% of the selected subscription rate. Disaster Recovery (Backup) thus provides sufficient bandwidth to back-up 10% percent of the aggregate bandwidth of Customer's PIP Satellite Locations. The following example illustrates:

- For Disaster Recovery (Backup) purposes, Customer purchases 100 PIP Satellite Locations, each with a 1024 x 1024 kbps data rate. Each of the 100 VSAT locations contributes to the overall shared bandwidth pool at 102.4 Kbps (10% of its data rate) resulting in an aggregate bandwidth pool of 10,240 kbps - large enough to support 10 Disaster Recovery (Backup) 1024 kbps sites (10% of Customer's 100 PIP Satellite Disaster Recovery (Backup) Locations) at any single point in time.

Optional CPE Maintenance Service (Applicable to Primary or Back-Up)

CPE Maintenance Option	Per Site
Option 1: Declined Maintenance (Customer-Owned Only)	\$0
Option 2: Next Business Day (1.2, 1.8, and 2.4 M Antennas)	\$33
Option 3: Same Business Day (9 a.m. - 5 p.m.) (1.2, 1.8, and 2.4 M Antennas)	\$53
Option 4: Same Day (24x7) (1.2, 1.8, and 2.4 M Antennas)	\$95

Network Management (Applicable to Primary or Back-Up)

Service Tier	Description	Per Site
Tier 1 - Reactive Service	<ul style="list-style-type: none"> • Customer calls in outage • No problem triage/no monitoring • Reactive can include Private IP Satellite and 	Included in Service

	<ul style="list-style-type: none"> router • TDMA Networks only (hubs/earth stations require bids assessment) • Ticket is opened and problem referred to maintenance organization for dispatch • Vendor escalations • Price included in monthly recurring price 	
Tier 2 - Proactive Private IP Satellite Transport Monitoring	<ul style="list-style-type: none"> • Proactive Monitoring with Private IP Satellite as demarcation • Router/other CPE reactive only • TDMA Networks only (hubs/earth stations require bids assessment) • Second-level Technical Support • Ticket opened proactively and customer is notified • Fault isolation/problem triage with customer and/or vendors • Vendor dispatches 	\$13

Equipment Purchase Costs (Applicable to Primary or Back-Up)

Private IP Satellite CPE Purchase (including standard installation)*

Description	NRC per Site
Standard - .98 Meter Antenna, 3-Watt (Typ.) BUC and Indoor Unit - (Transmit 256 Kbps or less). Note: Not orderable without satellite engineering approval.	\$3,110
Standard - .98 Meter Antenna, 3-Watt (Typ.) BUC and Indoor Unit w/Deice - (Transmit 256 Kbps or less). Note: Not orderable without engineering approval.	\$3,880
Standard - .98 Meter Antenna, 4-Watt (Min.) BUC and Indoor Unit - (Transmit 512 Kbps or less). Note: Not orderable without satellite engineering approval.	\$4,780
Standard - .98 Meter Antenna, 4-Watt (Min.) BUC and Indoor Unit w/Deice - (Transmit 512 Kbps or less). Note: Not orderable without satellite engineering approval.	\$5,550
Standard - 1.2 Meter Antenna, 3-Watt (Typ.) BUC and Indoor Unit - (Transmit 512 Kbps or less)	\$3,150
Standard - 1.2 Meter Antenna, 3-Watt (Typ.) BUC and Indoor Unit w/Deice - (Transmit 512 Kbps or less)	\$4,040

Standard - 1.2 Meter Antenna, 4-Watt (Min.) BUC and Indoor Unit - (Transmit 1,024 Kbps or less)	\$4,820
Standard - 1.2 Meter Antenna, 4-Watt (Min.) BUC and Indoor Unit w/Deice - (Transmit 1,024 Kbps or less)	\$5,700
Standard - 1.8 Meter Antenna, 3-Watt (Typ.) BUC and Indoor Unit - (Transmit 1,024 Kbps or less)	\$4,120
Standard - 1.8 Meter Antenna, 3-Watt (Typ.) BUC and Indoor Unit w/Deice - (Transmit 1,024 Kbps or less)	\$5,460
Standard - 1.8 Meter Antenna, 4-Watt (Min.) BUC and Indoor Unit - (Transmit 2,048 Kbps or less)	\$5,780
Standard - 1.8 Meter Antenna, 4-Watt (Min.) BUC and Indoor Unit w/Deice - (Transmit 2,048 Kbps or less)	\$7,130
Standard - 2.4 Meter Antenna, 3-Watt (Typ.) BUC and Indoor Unit - (Transmit 2,048 Kbps or less)	ICB
Standard - 2.4 Meter Antenna, 3-Watt (Typ.) BUC and Indoor Unit w/Deice - (Transmit 2,048 Kbps or less)	ICB
Standard - 2.4 Meter Antenna, 4-Watt (Min.) BUC and Indoor Unit - (Transmit 2,048 Kbps or less)	ICB
Standard - 2.4 Meter Antenna, 4-Watt (Min.) BUC and Indoor Unit w/Deice - (Transmit 2,048 Kbps or less)	ICB

*Standard installation includes a non-penetrating roof mount. Non-standard would include situations where, for example, pole, ground, or other mounts or cable run longer than 100 feet.

CPE Upgrade Purchase Options

Description	NRC per Site
Enhanced Modem w/8-Port Switch (Upgrade Standard IDU to iDirect 5100)	\$1,190
Encrypted Modem w/8-Port Switch (Upgrade Standard IDU to iDirect 5150)	\$1,460
Universal Modem w/8-Port Switch & Encryption (Upgrade Standard IDU to iDirect 7350)	\$5,110

CPE Quick Deploy/Auto Deploy Options

Description	NRC per Site
Quick-Deploy - 1.2 Meter Antenna, 4-Watt (Min.) BUC and iDirect 5150 - (Transmit 1,024 Kbps or less)	\$23,900
Quick-Deploy - 1.2 Meter Antenna, 8-Watt (Min.) BUC and iDirect 7350 - (Transmit 2,048 Kbps or less)	\$32,290
Quick-Deploy - 1.8 Meter Antenna, 4-Watt (Min.) BUC and iDirect 5150 - (Transmit 2,048 Kbps or less)	\$43,650

Quick-Deploy - 1.8 Meter Antenna, 8-Watt (Min.) BUC and iDirect 7350 - (Transmit 2,048 Kbps or less)	\$52,040
Auto-Deploy (Standard) - .98 Meter 1-Piece Antenna, 4-Watt (Min.) BUC and iDirect 5150 - (Transmit 512 Kbps or less)	\$31,590
Auto-Deploy (Standard) - 1.2 Meter 1-Piece Antenna, 4-Watt (Min.) BUC and iDirect 5150 - (Transmit 1,024 Kbps or less)	\$37,310
Auto-Deploy (Standard) - 1.2 Meter 1-Piece Antenna, 8-Watt (Min.) BUC and iDirect 7350 - (Transmit 2,048 Kbps or less)	\$45,700
Auto-Deploy (Rugged) - .96 Meter 1-Piece Antenna, 4-Watt (Min.) BUC and iDirect 5150 - (Transmit 512 Kbps or less)	\$44,240
Auto-Deploy (Rugged) - 1.2 Meter 4-Piece Antenna, 4-Watt (Min.) BUC and iDirect 5150 - (Transmit 1,024 Kbps or less)	\$80,060
Auto-Deploy (Rugged) - 1.2 Meter 4-Piece Antenna, 8-Watt (Min.) BUC and iDirect 7350 - (Transmit 2,048 Kbps or less)	\$88,440
Maintenance Services for Quick Deploy/Auto-Deploy Private IP Satellite systems (MRC)	\$130

Non-Recurring and Ancillary Charges

Private IP Satellite Post-Installation Optional Services

Description	Per Site
Site Retermination (Uninstall, move, re-install within 50 miles of original location)	
.98 Meter and 1.2 Meter Private IP Satellite Retermination	\$1,200
.98 Meter and 1.2 Meter Private IP Satellite Retermination w/Deice	\$1,350
1.8 Meter Private IP Satellite Retermination	\$1,720
1.8 Meter Private IP Satellite Retermination w/Deice	\$1,870
2.4 Meter Private IP Satellite Determination	ICB
2.4 Meter Private IP Satellite Retermination w/Deice	ICB
Site Deinstallation (greater than 50 miles of original location)	
.98 Meter and 1.2 Meter Private IP Satellite Deinstallation	\$380
1.8 Meter Private IP Satellite Deinstallation	\$600
2.4 Meter Private IP Satellite Deinstallation	ICB
Site Reinstallation (greater than 50 miles of original location)	
.98 Meter and 1.2 Meter Private IP Satellite Reinstallation	\$820
.98 Meter and 1.2 Meter Private IP Satellite Reinstallation w/Deice	\$970

1.8 Meter Private IP Satellite Reinstallation	\$1,270
1.8 Meter Private IP Satellite Reinstallation w/Deice	\$1,420
2.4 Meter Private IP Satellite Reinstallation	ICB
2.4 Meter Private IP Satellite Reinstallation w/Deice	ICB
Re-roofing move	
Re-roofing move (any site antenna up to 2.4m)	\$830
Install/Maintenance Abort Fee	
Abort fee for install/maintenance. For Remote Satellite sites, cancellation should occur if we are not notified 48 hours in advance of scheduled installation or maintenance.	\$300
Site Survey	
Site Survey (if Required)	\$340
Field Service Rep. Installation labor to complete other on-site work. (e.g., router install or VoIP equipment)	\$143
Service Upgrade or Downgrade	
Service Upgrade or Downgrade of satellite circuit or PVC bandwidth	\$65
Installation Expedite Fee	
Installation Expedite Fee (if requested)	\$500
Dispatch Only Maintenance Options/Expedite Fees (Optional for customers with no maintenance agreement)	
Dispatch Only option for NBD Maintenance - Price per dispatch	\$1,350
Expedite fee for Dispatch Only - Same Business Day response (8:00 a.m. to 5:00 p.m. local time) Price/Site/Dispatch	\$600
Expedite fee for Dispatch Only Same Day response (24x7) Price/Site/Dispatch	\$1,650
Optional Install w/Training	
Customer Operation/Installation Training of Quick-Deploy and Auto-Deploy Systems/CPE - Onsite Orientation at Time of Install (NRC)	\$1,010.00
Customer Operation/Installation Training of Auto-Deploy, Quick-Deploy and Fixed Systems/CPE - Classroom Based (NRC) Per Trainee	\$1,500.00

Prices for Miscellaneous and Non-Standard Satellite Installations

Item	Description	Priced Per	Unit Price
1.2m - Pole Mount with	Price includes Pole mount and	Each	\$1,913

Installation	additional installation required for the Pole mount for a 1.2m Private IP Satellite antenna. The price shown is in addition to the standard 1.2m Private IP Satellite CPE.		
1.2m - Ridge Mount with Installation	Price includes Ridge mount and additional installation required for the Ridge mount for a 1.2m Private IP Satellite antenna. The price shown is in addition to the standard 1.2m Private IP Satellite CPE.	Each	\$638
1.2m - Wall Mount with Installation	Price includes Wall mount and additional installation required for the Wall mount for a 1.2m Private IP Satellite antenna. The price shown is in addition to the standard 1.2m Private IP Satellite CPE.	Each	\$525
1.2m - Canopy Mount with Installation	Price includes Canopy mount and additional installation required for the Canopy mount for a 1.2m Private IP Satellite antenna. The price shown is in addition to the standard 1.2m Private IP Satellite CPE.	Each	\$525
1.8m - Pole Mount with Installation	Price includes Pole mount and additional installation required for the Pole mount for a 1.8m Private IP Satellite antenna. The price shown is in addition to the standard 1.8m Private IP Satellite CPE.	Each	\$2,475
Dual RG6 PVC IFL Cable	For cable runs in excess of the standard 100'	Foot	\$2
Dual RG6 Plenum IFL Cable	For cable runs 1' to 250' needing Plenum cbl	Foot	\$2
Dual RG11 PVC IFL Cable	For runs in excess of 250' needing Standard cbl	Foot	\$3
Dual RG11 Plenum PVC IFL Cable	For runs in excess of 250' needing Plenum cbl	Foot	\$4
PVC Conduit - 1.5"	Site requires the installation of PVC conduit	Foot	\$3
EMT Conduit	Site requires the installation of EMT conduit	Foot	Per Quote
Concrete Wall Penetrations/Core Drilling	Concrete Wall Penetrations/Core Drilling	Each	\$75
Trenching - Normal Soil	Trenching - Normal Soil	Foot	\$4
Trenching - Asphalt, Concrete, rock	Trenching - Asphalt, Concrete, rock	Foot	Per Quote
Cranes / Lifting		Each	Per Quote

Installation of Wire Mold	Site requires the installation of wire mold.	Each	\$75
Additional Wall fish	Additional Wall fish	Each	\$75
Additional Installation Labor Charges	Labor charges for out-of-scope services, as requested and authorized by Customer	Hour	\$143
Rack-mount Kit (iDirect)	iDirect 3100 / 5100 19" Rack-mount kit (2U)	Each	\$233
iDirect 3100 3-Watt Spares Kit	iDirect 3100 Spares kit consisting of iDirect 3100 Modem, 3-Watt (typical) BUC and LNB	Each	\$1,824
iDirect 3100 4-Watt Spares Kit	iDirect 3100 Spares kit consisting of iDirect 3100 Modem, 4-Watt (minimum) BUC and LNB	Each	\$3,491
iDirect 5100 3-Watt Spares Kit	iDirect 5100 Spares kit consisting of iDirect 5100 Modem, 3-Watt (typical) BUC and LNB	Each	\$3,011
iDirect 5100 4-Watt Spares Kit	iDirect 5100 Spares kit consisting of iDirect 5100 Modem, 4-Watt (minimum) BUC and LNB	Each	\$4,364
iDirect 5150 3-Watt Spares Kit	iDirect 5150 Spares kit consisting of iDirect 5150 Modem, 3-Watt (typical) BUC and LNB	Each	\$3,284
iDirect 5150 4-Watt Spares Kit	iDirect 5150 Spares kit consisting of iDirect 5150 Modem, 4-Watt (minimum) BUC and LNB	Each	\$4,637
iDirect 5300 3-Watt Spares Kit	iDirect 5300 Spares kit consisting of iDirect 5300 Modem, 3-Watt (typical) BUC and LNB	Each	\$4,781
iDirect 5300 4-Watt Spares Kit	iDirect 5300 Spares kit consisting of iDirect 5300 Modem, 4-Watt (minimum) BUC and LNB	Each	\$6,014
iDirect 5350 3-Watt Spares Kit	iDirect 5350 Spares kit consisting of iDirect 5350 Modem, 3-Watt (typical) BUC and LNB	Each	\$4,908
iDirect 5350 4-Watt Spares Kit	iDirect 5350 Spares kit consisting of iDirect 5350 Modem, 4-Watt (minimum) BUC and LNB	Each	\$6,261
iDirect 7350 3-Watt Spares Kit	iDirect 7350 Spares kit consisting of iDirect 7350 Modem, 3-Watt (typical) BUC and LNB	Each	\$6,935
iDirect 7350 4-Watt Spares Kit	iDirect 7350 Spares kit consisting of iDirect 7350 Modem, 4-Watt (minimum) BUC and LNB	Each	\$8,288
Rack-mount Kit (LinkStar)	LinkStar RCST 19" Rack-mount kit (1U)	Each	\$26
LinkStar 3-Watt Spares	LinkStar Spares kit consisting of	Each	\$1,343

Kit	LinkStar Modem, 3-Watt (typical) BUC and LNB		
LinkStar 4-Watt Spares Kit	LinkStar Spares kit consisting of LinkStar Modem, 4-Watt (minimum) BUC and LNB	Each	\$3,743
iDirect 1200 (Hub) Secure Traffic Accelerator	External TCP Accelerator designed for installation at the Customers Central Site. Used in applications where TCP acceleration is needed in IPSEC environments.	Each	\$11,243
iDirect 1100 (Remote) Secure Traffic Accelerator	External TCP Accelerator designed for installation at the remote Private IP Satellite Site. Used in applications where TCP acceleration is needed in IPSEC environments.	Each	\$1,580
Snow Shield for 1.2m Antenna - (Gore-Tex)	Walton Passive Gore-Tex Snow Shield for the 1.2-meter round single reflector optics antenna consisting of reflector cover made from UV Stable PTFE Coated Gore-Tex® radome material with ports to add heater option at a later date. Feed Horn Cover also recommended.	Each	\$690
Snow Shield for 1.2m Antenna - (Vinyl)	Walton Passive Vinyl Snow Shield for the 1.2-meter antenna round single reflector optics antenna consisting of reflector cover made from Architent heavy duty vinyl material w/ports to add heater option at a later date. Feed Horn Cover also recommended.	Each	\$278
Snow Shield for 1.8m Antenna - (Gore-Tex)	Walton Passive Gore-Tex® Snow Shield for the 1.8-meter round single reflector optics antenna consisting of reflector cover made from UV Stable PTFE Coated Gore-Tex radome material with ports to add heater option at a later date. Feed Horn Cover also recommended.	Each	\$1,365
Snow Shield for 1.8m Antenna - (Vinyl)	Walton Passive Vinyl Snow Shield for the 1.8-meter antenna round single reflector optics antenna consisting of reflector cover made from Architent heavy duty vinyl material w/ports to add heater option at a later date. Feed Horn Cover also recommended.	Each	\$413
Snow Shield for 2.4m Antenna - (Gore-Tex)	Walton Passive Gore-Tex Snow Shield for the 2.4-meter round single reflector optics antenna consisting of reflector cover made	Each	\$2,093

	from UV Stable PTFE Coated Gore-Tex radome material with ports to add heater option at a later date. Feed Horn Cover also recommended.		
Snow Shield for 2.4m Antenna - (Vinyl)	Walton Passive Vinyl Snow Shield for the 2.4-meter antenna round single reflector optics antenna consisting of reflector cover made from Architent heavy duty vinyl material w/ports to add heater option at a later date. Feed Horn Cover also recommended.	Each	\$750
Snow Shield Feed Horn Cover	Walton Passive Gore-Tex Feed Horn Cover made from UV Stable PTFE Coated Gore-Tex radome material. Universal 1.2m - 2.4m	Each	\$98

Return Merchandise Authorization (RMA)

Step	Repair and Maintenance Option	
Customer owns CPE/Private IP Satellite equipment. We will dispatch a Field Technician who will troubleshoot on-site. If hardware is the issue, the Field Technician will replace the hardware and send the equipment to a pre-established sparing/repair depot. Needed parts or sparing will be provided out of the company's Plano warehouse or the third-party maintenance vendor (e.g., Telesat, Qualxserv) to support Same Day or Next Business Day repair (the lower 48 states). Customer will be responsible for shipping charges.	Included in Maintenance Service (above)	Included in Maintenance Service Pricing (above)
Customer owns CPE/Private IP Satellite equipment. On a best effort basis, we will dispatch a Field Technician who will troubleshoot on-site. If hardware is the issue, the Field Technician will replace the hardware and the customer will be billed for replacement equipment. Customer will be responsible for shipping charges.	No maintenance service agreement: Time and Materials	Time and Materials Charge (ICB)

IP TRUNKS AND IP INTEGRATED ACCESS

CONCURRENT CALLS

There is a monthly charge for each SIP Trunk you subscribe to. Trunks can be subscribed at the Enterprise level or Location level. Enterprise trunks are sharable across all locations, as are the LD minutes associated with these trunks.

LD Only:	MRC Per Trunk	LD per Minute
Metered	\$ 5.39	\$ 0.0127
Incl 250 LD minutes	\$ 7.11	\$ 0.0138
Incl 750 LD minutes	\$ 10.29	\$ 0.0138

Local & LD:

Metered	\$ 10.29	\$ 0.0127
Incl 250 LD minutes	\$ 12.00	\$ 0.0138
Incl 750 LD minutes	\$ 15.19	\$ 0.0138

BEST +

This is the capability to burst above the subscribed number of SIP Trunks to accommodate unexpected spikes in traffic. There is a monthly recurring charge to have this capability, based on the maximum number of additional trunks. There is also a cost for each additional IP Trunk that is utilized.

Type of Trunks	Maximum Additional Simultaneous Calls	MRC
LD Only	50	\$ 400
LD Only	100	\$ 700
LD Only	200	\$ 1,200
LD Only	300	\$ 1,600
LD Only	400	\$ 2,000
Local and LD	50	\$ 400
Local and LD	100	\$ 700
Local and LD	200	\$ 1,200
Local and LD	300	\$ 1,600
Local and LD	400	\$ 2,000

	MRC Per Additional Simultaneous Call	
LD Only	per call	\$ 22
Local and LD	per call	\$ 42

***** All BEST + trunks are metered with LD billed at contracted rate of \$0.0127/min**

MISCELLANEOUS CHARGES FOR ADDITIONAL FEATURES AND CAPABILITIES

Recurring Services and Charges:

Auto Attendant Instances	Monthly per Instance	\$	9.80
Caller ID with Name - Inbound	Monthly Per Number	\$	0.07
Intermediate Feature Package	Monthly Per Number	\$	4.00
Redirect to Telephone Number	Per Trunk Group	\$	14.70
Redirect to Telephone Number	Per Instance*	\$	30.00
Telephone Number Charge	Monthly Per Number	\$	0.10
Telephone Number Charge	Install Per Number*	\$	0.25
Voice Mails	Monthly Per mailbox	\$	1.72
Call Forwarding	Monthly Per Number	\$	0.49
Trunking Route Overflow	Monthly	\$	49.00

* One Time or Per Instance Charge

Non-Recurring Services and Charges:

Dispatch Fee- Normal Office Hours	Per instance	\$	500
Dispatch Fee- After Hours	Per instance	\$	750
Expedite Fee- Normal Office Hours	Per Change Order	\$	700
Dispatch Fee- Extended Office Hours	Per Change Order	\$	1,050
Expedite Fee- After Hours	Per Change Order	\$	1,050
Expedite Fee- Normal Office Hours	Per Install Order	\$	700
Dispatch Fee- Extended Office Hours	Per Install Order	\$	1,050
Expedite Fee- After Hours	Per Install Order	\$	1,050
Service Change Fee - Complex (Normal Office Hours)	Per Change Order	\$	300
Service Change Fee - Complex (Extended Office Hours)	Per Change Order	\$	450
Service Change Fee - Complex (After Hours)	Per Change Order	\$	450
Service Establishment Fee	Per Installation < 500 SIP Trunks	\$	100
Service Establishment Fee- After Hours	Per Installation < 500 SIP Trunks	\$	150
Service Establishment Fee	Per Installation > 500 SIP Trunks	\$	500
Service Establishment Fee- After Hours	Per Installation > 500 SIP Trunks	\$	750

PREMIUM SUPPORT SERVICE CHARGES

Premium Services Enterprise Activity Fee	Per instance	\$	100
Premium Services Administrator Activity Fee	Per instance	\$	50
Premium Services User Activity Fee	Per instance	\$	25
Premium Services Remote Support	Per Hour (minimum 30 minutes)	\$	90
Premium Services Onsite Support	Per Hour (minimum 30 minutes)	\$	125

NJ LISTING CHARGES

Non Published	New Jersey	\$	0.69
Non-Listed	New Jersey	\$	0.69
Additional Listing	New Jersey	\$	0.51

Schedule G-
Hosted IP Centrex

Hosted IP Centrex- Avaya-based Platform
Service Tier Pricing

Package	Per User MRC
Bronze	\$17.82
Silver	\$23.69
Silver Plus	\$25.18
Gold	\$27.48

Optional Features	MRC	NRC
Local Survivability (min 100 users per site)	\$ 3.71	N/A
Avaya FXS Port with Install (supports 24 Analog Devices)	\$ 302.80	N/A

Hosted IP Centrex- Avaya-based Platform
Service Tier Description

Service	Bronze	Silver	Silver +	Gold
Basic VoIP (Call Control)	•	•	•	•
Messaging (Voicemail)		•	•	•
IM/Presence				•
Mobility				•
Avaya Client Applications (ACA)			•	

- **Basic VoIP**
 - Constitutes service with a soft client (Avaya one-X[®] Communicator)
 - Includes E911 support
 - EC-500-- Extension-to-Cellular activation for any user (this is a secure method to bridge calls from a user's desk phone to any mobile device and offers basic mid-call control functions and the ability to switch seamlessly between mobile and desk phones)

- **Messaging**
 - Constitutes a voicemail inbox for audio receipt and sharing among other subscribers within the same system
 - T.38 – inbound-based fax, forwarded as a TIFF to an SMTP email address provided by the end user
 - Voicemail Mailbox Limits
 - Maximum 30 minutes of message storage
 - Maximum length (seconds) of a single voice message – 120
 - Maximum length (seconds) per greeting - 60
 - Number of days to store a message - 14
 - Customer-specific options possible for larger size mailboxes.

Messaging integration to email systems via SMTP forwarding standard.

- **Avaya Client Applications (ACA)**
 - Constitutes the inclusion of Avaya Client Applications (ACA) Release 6.3 delivering integration to Microsoft Lync 2013, and enhanced functionality with Microsoft Office Suite SharePoint, Internet Explorer, and Google Chrome that allows users to utilize reliable, feature rich, real-time Avaya communications services coupled with Microsoft Lync and Office Suite for instant messaging, presence, email, and calendaring.

- **Mobility**
 - Includes a choice of soft clients between:
 - Avaya one-X[®] Communicator (thick soft client for PCs-standard in base offer)
 - Avaya one-X[®] Mobile (a family of clients for mobile phones)
 - (can be simultaneously active with other clients/hard phones)
 - Avaya Flare[®] Experience for iPad and Windows is a drag-and-drop based GUI – designed for BYOD.
 - A listing of supported mobile devices is shown in Table 1b - Avaya one-X[®] Mobile SIP Device Compatibility.

Table 1b - Avaya one-X[®] Mobile SIP Device Compatibility

Manufacturer	Model	Client Type
Apple	iPOD touch 4th Generation	iOS 4.3 or later
Apple	iPhone 3GS	iOS 4.3 or later
Apple	iPhone 4	iOS 4.3 or later
Apple	iPhone 4S	iOS 4.3 or later
Apple	iPad 1	iOS 4.3 or later
Apple	iPad 2	iOS 4.3 or later
Apple	iPad 3	iOS 4.3 or later
Apple	iPhone 5	iOS 6.0 or later
Apple	iPhone 5S	iOS 7.0.3 or later
Apple	iPhone 5C	iOS 7.0.3 or later

The above list includes the makes and models of mobile devices that are certified and qualified to support the Avaya one-X[®] Mobile SIP client applications as of the Effective Date.

- **Avaya one-X® Mobile SIP for iOS**

The iOS based client application will use the SIP capabilities and will provide for dial plan integration, Voice-over-Wi-Fi on a corporate wireless enabled network, call control, contact management, and Avaya Aura® Session Manager failover.

Phone Rental Pricing (July 1, 2014)

Phone/Device	MRC	NRC
IP Phone 9601	\$ 4.47	\$ 184.98
IP Phone 9608	\$ 7.04	\$ 184.98
IP Phone 9611G	\$ 7.09	\$ 184.98
IP Phone 9641G	\$ 14.00	\$ 184.98
Avaya B179 Conference Phone	\$ 20.81	\$ 184.98
Expansion Model 12 Button	\$ 3.39	N/A
Avaya Amplified Handset 96X1 wo/Install	\$ 10.02	N/A
Avaya Amplified Handset 96X1 w/Install	\$ 11.28	N/A

MACD	Charge
Change per MACD	\$ 35.00

Hosted IP Centrex (UCaaS):

Verizon Unified Communications as a Service (UCaaS) provides a hosted VOIP service based on a Cisco infrastructure, bundled into a single per user cost.

Pricing is based on the type of package that is chosen (described in the RFP response) as well as the optional features selected. Handsets and local access are not included in the pricing.

UCaaS Pricing

Package	Price Per User
Essential- Analog	\$ 13.83
Basic	\$ 18.03
Enhanced	\$ 21.53
Premium	\$ 25.03

A La Carte Pricing	Per User
Call Control	\$ 15.93
Voicemail	\$ 2.45
Presence/Instant Messagng	\$ 2.10

MACD	Charge
Change per MACD	\$ 35.00

Service Rates for Field Operations	Per Hour
Business	\$197.49
After Hours	\$296.25
Sundays and Holidays	\$394.98

OPTIONAL SERVICE: MANAGED ROUTER

Managed Router service is available for Private IP services. Under this service, Verizon will manage the network router terminating the PIP service.

MANAGED ROUTER SERVICE			
Managed WAN MRC SUMMARY MRC Per Router			
Cisco/Adtran/Juniper Router Series			
	Small Standard	Medium Standard	Large Standard
Full Management	98	\$126	\$211

Managed WAN Installation Charges	NRC
Managed Implementation	\$550.00 /Rtr

Implementation Change Management	Price
Expedite Charge - if Customer requests in writing to activate Managed Devices within 15 days or less.	\$1,100
Rescheduling Charge - if Customer reschedules a Managed Device activation within 48 hours of the originally scheduled date.	\$300
After Hours Charge - if Customer requests work after normal business hours.	\$600

Changing Levels of Managed WAN Service	NRC per Managed Device
Upgrade	\$200.00
Downgrade	\$200.00

OPTIONAL SERVICE: Professional Services

Verizon is including labor rates for Professional Services that can be procured for conduit placement and circuit extensions, VOIP network assessment and consultation, and VOIP-related implementation.

Services	
Structured Cabling/Wiring	\$133/hr = Apprentice
Structured Cabling/Wiring	\$170/hr = Journeyman
Structured Cabling/Wiring	\$191.34/hr = Foreman

**Rates are for normal working hours, 7:00am to 3:30pm, Monday to Friday, excluding holidays.
Minimum 8 hours.**

Services	
Network Consulting	\$133/hr = Apprentice
Network Consulting	\$170/hr = Journeyman
Network Consulting	\$191.34/hr = Foreman

**Rates are for normal working hours, 7:00am to 3:30pm, Monday to Friday, excluding holidays.
Minimum 8 hours.**