

### ***Section 3.4.1 Private Line Data Services – DS1 and DS3 Service***

#### **High Capacity Digital Service (IntraLATA)**

Provides point-to-point connectivity at DS1 and DS3 bandwidths, on an intraLATA basis. Service is provided by Verizon New Jersey.

Pricing elements for High Capacity Digital DS1 and DS3 service are:

##### **Monthly**

- Local Channel
- Fixed Mileage
- Variable Mileage (charged per mile)

##### **Installation**

- Nonrecurring Charge

There is an installation charge of \$400 per each Local Channel (DS1).

In addition to intraLATA DS1 service, Verizon provides intraLATA DS3 and OCx Point to Point services. Pricing for these services are ICB.

## DS1 Private Line

### High Capacity Digital Service

DS1 Service		
	MRC	NRC
DS1 Channel Termination	\$1,133.31	\$0.00
DS1 IOF Fixed Mileage	\$ 210.85	\$0.00
DS1 IOF Variable Mileage	\$ 139.50	\$0.00

DS3 Service		
	MRC	NRC
DS3 Channel Termination	ICB	ICB
DS3 IOF Fixed Mileage	ICB	ICB
DS3 IOF Variable Mileage	ICB	ICB

OCx Services		
	MRC	NRC
OCx	ICB	ICB

## ***Section 3.4.2 – Ethernet Services***

### **Ethernet Virtual Private Line (EVPL) SES:**

EVPL SES services provide point-to-point Ethernet Virtual Circuits (EVCs) to connect switched Ethernet networks within a LATA market. EVCs are offered in bandwidth increments that range from 1 Mbps up to 1000 Mbps

Pricing elements for Ethernet Virtual Private Line Service (EVPL) are:

Monthly:

- UNI
- EVC

Non-recurring charge

- UNI

As with all Ethernet services, State of NJ is liable for any Special Construction costs for extraordinary network build. These costs will be provided prior to installation, and the State may opt to cancel the order without penalty.

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

EVPL UNI		
	MRC	NRC
10meg EVPL	\$295.00	\$0
100Meg EVPL	\$360.00	\$0
GigE EVPL	\$540.00	\$0
10G EVPL	\$2,200.00	\$0

EVPL EVC			
	MRC		
	Basic	Priority	Realtime
1M EVC Bandwidth	\$22.50	\$25	\$25
2M EVC Bandwidth	\$22.50	\$25	\$25
3M EVC Bandwidth	\$25	\$35	\$60
4M EVC Bandwidth	\$25	\$35	\$80
5M EVC Bandwidth	\$25	\$40	\$100
6M EVC Bandwidth	\$25	\$45	\$120
7M EVC Bandwidth	\$25	\$50	\$140
8M EVC Bandwidth	\$25	\$60	\$160
9M EVC Bandwidth	\$25	\$60	\$160
10M EVC Bandwidth	\$35	\$60	\$160
20M EVC Bandwidth	\$100	\$150	\$400
30M EVC Bandwidth	\$135	\$225	\$500
40M EVC Bandwidth	\$135	\$300	\$600
50M EVC Bandwidth	\$135	\$300	\$600
60M EVC Bandwidth	\$145	\$450	\$800
70M EVC Bandwidth	\$145	\$500	\$900
80M EVC Bandwidth	\$145	\$600	\$1,000
90M EVC Bandwidth	\$145	\$675	\$1,000
100M EVC Bandwidth	\$145	\$675	\$1,000
200M EVC Bandwidth	\$300	\$825	
300M EVC Bandwidth	\$315	\$850	
400M EVC Bandwidth	\$315	\$850	
500M EVC Bandwidth	\$315	\$850	
600M EVC Bandwidth	\$325		
700M EVC Bandwidth	\$325		
800M EVC Bandwidth	\$340		
900M EVC Bandwidth	\$340		
1000M EVC Bandwidth	\$400		



## Ethernet LAN (ELAN):

E-LAN provides multipoint-to-multipoint connectivity among the locations via native Ethernet ports within a LATA. ELAN ports are available in bandwidths of 10M, 100M, and 1G.

The pricing elements of an ELAN service are:

**Monthly:**

- UNI
- IOF Mileage in excess of 20

Non-recurring charge

- UNI

As with all Ethernet services, State of NJ is liable for any Special Construction costs for extraordinary network build. These costs will be provided prior to installation, and the State may opt to cancel the order without penalty.

For the contract, installation charges for all EVPL and ELAN components are waived however in the event the State removes a service in the first 12 months, Verizon reserves the right to charge install charges.

ELAN		
	MRC	NRC
10M	\$640.00	\$ NA
100M	\$1,440.00	\$ NA
GigE	\$2,560.00	\$ NA
10Gig	\$5,000.00	\$ NA

## Ethernet Private Line (EPL) (IntraLATA)

Ethernet Private Line intraLATA service provides a point-to-point Ethernet circuit between two locations at native Ethernet speeds. The service is provided by Verizon New Jersey within a LATA.

EPL IntraLATA service can also terminate on a Dedicated SONET Ring. Under this option, the Channel Extension charge is replaced by the DSR Port charge included on the table.

Pricing elements for EPL service are:

### Monthly Charges:

- Channel Extension charge (based on speed and handoff type)
- Fixed Mileage Charge for Inter-Office Facilities (IOF) based on circuit speed
- Per Mile Charge for Inter-Office Facilities (IOF) based on circuit speed

### Installation Charges

- Non Recurring Charge for Local Access

**Installation charges are waived however** in the event the state removes a service in the first 12 months, Verizon reserves the right to charge install charges.

As with all Ethernet services, State of NJ is liable for any Special Construction costs for extraordinary network build. These costs will be provided prior to installation, and the State may opt to cancel the order without penalty.

# ETHERNET PRIVATE LINE

## IntraLATA Service

Channel Extensions	
	Monthly Recurring
Protected, 10 Mbps Ethernet	\$368.00
Protected, 100Mbps (50Mbps) FastE	\$595.00
Protected, 100 Mbps (full rate) FastE	\$622.00
Protected, 1Gbps (50M)	\$595.00
Protected, 1Gbps (150M)	\$743.00
Protected, 1Gbps (300M)	\$1,090.00
Protected, 1Gbps (450M)	\$1,190.00
Protected, 1Gbps (600M)	\$1,240.00
Protected, 1Gbps (FULL RATE)	\$1,338.00
Unprotected, 10 Mbps Ethernet	\$335.00
Unprotected, 100Mbps (50Mbps) FastE	\$412.00
<b>Unprotected, 100 Mbps (full rate) FastE</b>	\$485.00
Unprotected, 1Gbps (50M)	\$412.00
Unprotected, 1Gbps (150M)	\$618.00
Unprotected, 1Gbps (300M)	\$965.00
Unprotected, 1Gbps (450M)	\$1,083.00
Unprotected, 1Gbps (600M)	\$1,129.00
Unprotected, 1Gbps (FULL RATE)	\$1,218.00

No variable mileage charge for circuits less than 20 miles. Over 20 miles will be charged the rates below.

Mileage	
	MRC
Fixed, 10 Mbps Ethernet	\$76.00
Fixed, 100Mbps (50Mbps) FastE	\$126.00
Fixed, 100 Mbps (full rate) FastE	\$206.00
Fixed, 1Gbps (50M)	\$126.00
Fixed, 1Gbps (150M)	\$264.00
Fixed, 1Gbps (300M)	\$320.00
Fixed, 1Gbps (450M)	\$370.00
Fixed, 1Gbps (600M)	\$420.00
Fixed, 1Gbps (FULL RATE)	\$424.00
10 Mbps Ethernet	\$48.00
100Mbps (50Mbps) Fast Ethernet	\$63.00
100 Mbps (full rate) Fast Ethernet	\$77.00
1Gbps (50M)	\$63.00
1Gbps (150M)	\$100.00
1Gbps (300M)	\$137.00
1Gbps (450M)	\$174.00
1Gbps (600M)	\$210.00
1Gbps (FULL RATE)	\$294.00

# Local Access

Access connects the Customer Site to the edge of the Verizon Network from which Customer can connect to other Verizon services. Access may be provided via Verizon Facilities or from a Third Party, as Verizon may determine from time to time, including, for any reason, changes in or substitution of facilities.

All services proposed in this RFP are available Statewide. However, certain services provided by Verizon New Jersey can only be provided within Verizon's ILEC franchise which includes all counties, but excludes portions of Hunterdon, Warren, and Sussex counties. All other services are available statewide.

All access rates listed below are for in franchise Ethernet Access. For locations that are out of franchise, Ethernet Access rates will be determined based on the charges provided by the local third party provider. This determination will be 10% off of the out of franchise Ethernet Access rate.

Applicable Taxes and surcharges may apply and are listed below.

## Standard Service Features

**Access Speed.** Verizon provides capacity throughput based on the Access speed selected by Customer, which is the maximum possible speed.

**Handoff.** Verizon hands off Access based on Customer's equipment (e.g., Ethernet, TDM, Wireless

**For additional information, please see Access Service guide\*\***

TDM Local Loop Access		
Access Speed	Monthly Recurring	Non Recurring Charges
DS1 Access	\$400	\$600
DS3 Access	ICB	ICB
OCx Access	ICB	ICB

## In Franchise Local Ethernet Access

UNI Speed	Access Speed	Monthly Rate
100 Mbps	2 mbps	\$ 236.00
100 Mbps	3 mbps	\$ 236.00
100 Mbps	4 mbps	\$ 236.00
100 Mbps	5 mbps	\$ 236.00
100 Mbps	6 mbps	\$ 236.00
100 Mbps	7 mbps	\$ 236.00
100 Mbps	8 mbps	\$ 236.00
100 Mbps	9 mbps	\$ 236.00
100 Mbps	10 mbps	\$ 236.00
100 Mbps	20 mbps	\$ 236.00
100 Mbps	30 mbps	\$ 236.00
100 Mbps	40 mbps	\$ 236.00
100 Mbps	50 mbps	\$ 236.00
100 Mbps	60Mbps	\$ 398.00
100 Mbps	70 mbps	\$ 398.00
100 Mbps	80 mbps	\$ 398.00
100 Mbps	90 mbps	\$ 398.00
100 Mbps	100 mbps	\$ 398.00
1 Gbps	10 mbps	\$ 236.00
1 Gbps	20 mbps	\$ 236.00
1 Gbps	30 mbps	\$ 236.00
1 Gbps	40 mbps	\$ 236.00
1 Gbps	50 mbps	\$ 236.00
1 Gbps	60Mbps	\$ 398.00
1 Gbps	70 mbps	\$ 398.00
1 Gbps	80 mbps	\$ 398.00
1 Gbps	100 mbps	\$ 398.00
1 Gbps	150 Mbps	\$ 470.00
1 Gbps	200 mbps	\$ 470.00
1 Gbps	300 mbps	\$ 470.00
1 Gbps	400 mbps	\$ 470.00
1 Gbps	500 mbps	\$ 470.00
1 Gbps	600 mbps	\$ 470.00
1 Gbps	1Gbps	\$ 995.00
10 Gbps	10Gbps	\$1,551.00
100 Gbps	100Gbps	\$3,080.00
>100Gbps	>100Gbps	ICB

## Access Administrative Charges

Administrative Charge	Charge Instance	Non-Recurring Charge (NRC)
Administrative Change	Per Change	\$60.00
Cancellation of Order	Per Circuit	\$800.00
Expedite in the United States	Per Circuit	\$1,400.00
After Hours Installation	Per Circuit	\$600.00
Pending Order Change	Per Circuit	\$200.00
Physical Change	Per Circuit	\$200.00
Service Date Change	Per Circuit	\$100.00
Bandwidth Reconfiguration	Per Circuit	\$200.00

**Off Net Special Build.** Where Verizon uses third-party network(s) to provide Access, and a third party needs to extend its network to reach the Customer Site, Verizon will arrange for the third party to perform such work. Customer will pay the cost of that third-party work, which will be added to Customer's Service Order and which will extend through the installation period.

**Special Construction.** If, after an Order is placed, Verizon finds that third-party special construction services are needed to build, configure or install any additional facilities and/or equipment necessary for Verizon to provide Access Verizon will notify the Customer of any such special construction charges. Upon customer acceptance, Special Construction charges may be billed separately and prior to completion of circuit. If Customer does not accept the special construction charges or changes in special construction charges, Customer may terminate the order(s) affected by the special construction charges, with no Early Termination Charge(s).

### Applicable Taxes and Surcharges

All applicable taxes shall be billed and paid, unless customer is exempt by law and submits the required documents evidencing that it is exempt by applicable law from such tax.

Governmental Surcharges (defined below) shall also be charged in accordance with the applicable law, regulation, tariff, or Guide provisions now or hereafter in effect, whether or not listed below. Governmental Surcharges (also referred to herein as "surcharges") shall mean rates and charges billed in order to recover Amounts Verizon is or becomes required or permitted under applicable law or by governmental or quasi-governmental authorities to collect from customer and/or to pay to others in accordance with statutory or regulatory programs. Surcharges are subject to change in order to conform to changes in the applicable law, regulation, tariff or Guide provisions.

For interLATA circuits the State must certify that less than 10% of the traffic over this circuit would Eventually terminate out of state. In this case, no current surcharges apply.

For Interstate circuits (and intraLATA circuits where more than 10% of traffic will terminate out of State), the following surcharges would currently apply. Rates provided are the current rates and may change as directed by the appropriate governmental authority.

FUSF 29%

Carrier Cost Recovery Charge 2.84%

Administrative Expense Fee 0.38%

Carrier Annual Regulatory Charge 0.75%

# Ethernet Switched E-LINE Service

Verizon's Ethernet Switched E-Line service provides point-to-point and point-to-multipoint connectivity between two Customer Sites, including data center-to-data center, LAN-to-LAN, and host-to-remote sites (subject to availability).

## **MONTHLY CHARGES:**

- Local Access
- E-LINE EVC Charge

Additional Taxes and Surcharges may apply. See below for details

## **Standard Service Features**

**-Ethernet Virtual Connection.** Verizon provides an Ethernet Virtual Connection (EVC), which is a switched path that allows frames to move between two Customer Sites.

**-Class of Service.** Verizon provides Priority classes of service (CoS) as a standard feature.

## **Installation Charges**

-Non Recurring Charge for Local Access

Installation charges are waived, however, as with all Ethernet services, State of NJ is liable for any Special Construction costs for extraordinary network build. These costs will be provided prior to installation, and the State may opt to cancel the order without penalty

## **LOCAL ACCESS CHARGES:**

Local access charges vary according to bandwidth. Please see Access pricing as listed in this document. Applicable Taxes and surcharges may apply and are listed below.



US NATIONAL and US METRO SWITCHED E-LINE		
Bandwidth	Service Type	Monthly Rate
1 Mbps	Switched E-Line - National / Metro	\$ 25.00
2 Mbps	Switched E-Line - National / Metro	\$ 25.00
3 Mbps	Switched E-Line - National / Metro	\$ 25.00
4 Mbps	Switched E-Line - National / Metro	\$ 25.00
5 Mbps	Switched E-Line - National / Metro	\$ 25.00
6 Mbps	Switched E-Line - National / Metro	\$ 25.00
7 Mbps	Switched E-Line - National / Metro	\$ 25.00
8 Mbps	Switched E-Line - National / Metro	\$ 25.00
9 Mbps	Switched E-Line - National / Metro	\$ 25.00
10 Mbps	Switched E-Line - National / Metro	\$ 35.00
15 Mbps	Switched E-Line - National / Metro	\$ 50.00
20 Mbps	Switched E-Line - National / Metro	\$ 80.00
30 Mbps	Switched E-Line - National / Metro	\$ 108.00
40 Mbps	Switched E-Line - National / Metro	\$ 108.00
50 Mbps	Switched E-Line - National / Metro	\$ 108.00
60 Mbps	Switched E-Line - National / Metro	\$ 116.00
70 Mbps	Switched E-Line - National / Metro	\$ 116.00
80 Mbps	Switched E-Line - National / Metro	\$ 128.00
90 Mbps	Switched E-Line - National / Metro	\$ 128.00
100 Mbps	Switched E-Line - National / Metro	\$ 128.00
200 Mbps	Switched E-Line - National / Metro	\$ 240.00
300 Mbps	Switched E-Line - National / Metro	\$ 252.00
400 Mbps	Switched E-Line - National / Metro	\$ 252.00
500 Mbps	Switched E-Line - National / Metro	\$ 252.00
600 Mbps	Switched E-Line - National / Metro	\$ 260.00
700 Mbps	Switched E-Line - National / Metro	\$ 260.00
800 Mbps	Switched E-Line - National / Metro	\$ 272.00
900 Mbps	Switched E-Line - National / Metro	\$ 272.00
1 Gbps	Switched E-Line - National / Metro	\$ 320.00
1.5 Gbps	Switched E-Line - National / Metro	\$ 400.00
2.0 Gbps	Switched E-Line - National / Metro	\$ 460.80
2.5 Gbps	Switched E-Line - National / Metro	\$ 915.00
3 Gbps	Switched E-Line - National / Metro	\$ 1,073.00
4 Gbps	Switched E-Line - National / Metro	\$ 1,416.00
5 Gbps	Switched E-Line - National / Metro	\$ 1,751.00
6 Gbps	Switched E-Line - National / Metro	\$ 2,078.00
7 Gbps	Switched E-Line - National / Metro	\$ 2,100.00
8 Gbps	Switched E-Line - National / Metro	\$ 2,150.00
9 Gbps	Switched E-Line - National / Metro	\$ 2,250.00
10 Gbps	Switched E-Line - National / Metro	\$ 2,300.00

Service includes Class of Service feature

DEDICATED E-LINE/Metro			
Bandwidth	Service Type	Monthly Rate	Explicit Routing Feature (NRC)
2 Mbps	Dedicated Switched E-Line - Metro	\$ 59.00	\$ 25.00
3 Mbps	Dedicated Switched E-Line - Metro	\$ 59.00	\$ 25.00
4 Mbps	Dedicated Switched E-Line - Metro	\$ 59.00	\$ 25.00
5 Mbps	Dedicated Switched E-Line - Metro	\$ 59.00	\$ 25.00
6 Mbps	Dedicated Switched E-Line - Metro	\$ 60.00	\$ 25.00
7 Mbps	Dedicated Switched E-Line - Metro	\$ 62.00	\$ 25.00
8 Mbps	Dedicated Switched E-Line - Metro	\$ 64.00	\$ 25.00
9 Mbps	Dedicated Switched E-Line - Metro	\$ 64.00	\$ 25.00
10 Mbps	Dedicated Switched E-Line - Metro	\$ 67.00	\$ 25.00
15 Mbps	Dedicated Switched E-Line - Metro	\$ 72.00	\$ 25.00
20 Mbps	Dedicated Switched E-Line - Metro	\$ 80.00	\$ 25.00
30 Mbps	Dedicated Switched E-Line - Metro	\$ 108.00	\$ 25.00
40 Mbps	Dedicated Switched E-Line - Metro	\$ 110.00	\$ 25.00
50 Mbps	Dedicated Switched E-Line - Metro	\$ 131.00	\$ 25.00
60 Mbps	Dedicated Switched E-Line - Metro	\$ 138.00	\$ 25.00
70 Mbps	Dedicated Switched E-Line - Metro	\$ 146.00	\$ 25.00
80 Mbps	Dedicated Switched E-Line - Metro	\$ 156.00	\$ 25.00
90 Mbps	Dedicated Switched E-Line - Metro	\$ 166.00	\$ 25.00
100 Mbps	Dedicated Switched E-Line - Metro	\$ 173.00	\$ 50.00
200 Mbps	Dedicated Switched E-Line - Metro	\$ 240.00	\$ 50.00
300 Mbps	Dedicated Switched E-Line - Metro	\$ 289.00	\$ 50.00
400 Mbps	Dedicated Switched E-Line - Metro	\$ 351.00	\$ 50.00
500 Mbps	Dedicated Switched E-Line - Metro	\$ 398.00	\$ 50.00
600 Mbps	Dedicated Switched E-Line - Metro	\$ 435.00	\$ 100.00
700 Mbps	Dedicated Switched E-Line - Metro	\$ 461.00	\$ 100.00
800 Mbps	Dedicated Switched E-Line - Metro	\$ 480.00	\$ 100.00
900 Mbps	Dedicated Switched E-Line - Metro	\$ 491.00	\$ 100.00
1 Gbps	Dedicated Switched E-Line - Metro	\$ 494.00	\$ 100.00
1.5 Gbps	Dedicated Switched E-Line - Metro	\$ 722.00	\$ 100.00
2.0 Gbps	Dedicated Switched E-Line - Metro	\$ 928.80	\$ 100.00
2.5 Gbps	Dedicated Switched E-Line - Metro	\$ 1,118.00	\$ 100.00
3 Gbps	Dedicated Switched E-Line - Metro	\$ 1,291.00	\$ 100.00
4 Gbps	Dedicated Switched E-Line - Metro	\$ 1,586.00	\$ 100.00
5 Gbps	Dedicated Switched E-Line - Metro	\$ 1,856.00	\$ 100.00
6 Gbps	Dedicated Switched E-Line - Metro	\$ 2,078.00	\$ 100.00
7 Gbps	Dedicated Switched E-Line - Metro	\$ 2,244.00	\$ 100.00
8 Gbps	Dedicated Switched E-Line - Metro	\$ 2,363.00	\$ 100.00
9 Gbps	Dedicated Switched E-Line - Metro	\$ 2,506.00	\$ 100.00
10 Gbps	Dedicated Switched E-Line - Metro	\$ 2,616.00	\$ 100.00

Eline Dedicated is an option on our Switched E-LINE platform that offers a dedicated and restorable EVC across the network. E-Line Dedicated Restorable provides Point-to-Point or Point-to-Multipoint Ethernet service over predetermined primary and backup paths through the network.

DEDICATED E-LINE/National			
Bandwidth	Service Type	Monthly Rate (MRC)	Explicit Routing Feature (NRC)
2 Mbps	Switched E-Line - National	\$ 78.00	\$ 600.00
3 Mbps	Switched E-Line - National	\$ 78.00	\$ 600.00
4 Mbps	Switched E-Line - National	\$ 78.00	\$ 600.00
5 Mbps	Switched E-Line - National	\$ 78.00	\$ 600.00
6 Mbps	Switched E-Line - National	\$ 81.00	\$ 600.00
7 Mbps	Switched E-Line - National	\$ 84.00	\$ 600.00
8 Mbps	Switched E-Line - National	\$ 87.00	\$ 600.00
9 Mbps	Switched E-Line - National	\$ 88.00	\$ 600.00
10 Mbps	Switched E-Line - National	\$ 91.00	\$ 600.00
15 Mbps	Switched E-Line - National	\$ 95.00	\$ 600.00
20 Mbps	Switched E-Line - National	\$ 98.00	\$ 600.00
30 Mbps	Switched E-Line - National	\$ 108.00	\$ 600.00
40 Mbps	Switched E-Line - National	\$ 111.00	\$ 600.00
50 Mbps	Switched E-Line - National	\$ 119.00	\$ 600.00
60 Mbps	Switched E-Line - National	\$ 128.00	\$ 600.00
70 Mbps	Switched E-Line - National	\$ 135.00	\$ 600.00
80 Mbps	Switched E-Line - National	\$ 144.00	\$ 600.00
90 Mbps	Switched E-Line - National	\$ 147.00	\$ 600.00
100 Mbps	Switched E-Line - National	\$ 150.00	\$ 1,000.00
200 Mbps	Switched E-Line - National	\$ 176.00	\$ 1,000.00
300 Mbps	Switched E-Line - National	\$ 200.00	\$ 1,000.00
400 Mbps	Switched E-Line - National	\$ 229.00	\$ 1,000.00
500 Mbps	Switched E-Line - National	\$ 264.00	\$ 1,000.00
600 Mbps	Switched E-Line - National	\$ 317.00	\$ 1,000.00
700 Mbps	Switched E-Line - National	\$ 357.00	\$ 1,000.00
800 Mbps	Switched E-Line - National	\$ 387.00	\$ 1,000.00
900 Mbps	Switched E-Line - National	\$ 416.00	\$ 1,000.00
1 Gbps	Switched E-Line - National	\$ 440.00	\$ 2,000.00
1.5 Gbps	Switched E-Line - National	\$ 647.00	\$ 2,000.00
2.0 Gbps	Switched E-Line - National	\$ 845.00	\$ 2,000.00
2.5 Gbps	Switched E-Line - National	\$ 1,045.00	\$ 2,000.00
3 Gbps	Switched E-Line - National	\$ 1,228.00	\$ 2,000.00
4 Gbps	Switched E-Line - National	\$ 1,619.00	\$ 2,000.00
5 Gbps	Switched E-Line - National	\$ 2,002.00	\$ 2,000.00
6 Gbps	Switched E-Line - National	\$ 2,376.00	\$ 2,000.00
7 Gbps	Switched E-Line - National	\$ 2,741.00	\$ 2,000.00
8 Gbps	Switched E-Line - National	\$ 3,027.00	\$ 2,000.00
9 Gbps	Switched E-Line - National	\$ 3,287.00	\$ 2,000.00
10 Gbps	Switched E-Line - National	\$ 3,520.00	\$ 2,000.00

FEATURE	Equipment A-END	Equipment Z-END	Primary/Diverse From A-END	Primary/Diverse From Z-END	PRICE NRC
Service Edge Diversity	No Diversity	Service Edge Diversity	No Diversity	Diverse From	150.00
Service Edge Diversity	No Diversity	Service Edge Diversity	No Diversity	Primary	0.00
Service Edge Diversity	No Diversity	Service Edge Geographic	No Diversity	Diverse From	150.00
Service Edge Diversity	No Diversity	Service Edge Geographic	No Diversity	Primary	0.00
Service Edge Diversity	Service Edge Diversity	No Diversity	Diverse From	No Diversity	150.00
Service Edge Diversity	Service Edge Diversity	No Diversity	Primary	No Diversity	0.00
Service Edge Diversity	Service Edge Diversity	Service Edge Diversity	Diverse From	Diverse From	300.00
Service Edge Diversity	Service Edge Diversity	Service Edge Diversity	Primary	Primary	0.00
Service Edge Diversity	Service Edge Diversity	Service Edge Geographic	Diverse From	Diverse From	300.00
Service Edge Diversity	Service Edge Diversity	Service Edge Geographic	Primary	Primary	0.00
Service Edge Diversity	Service Edge Geographic	No Diversity	Diverse From	No Diversity	150.00
Service Edge Diversity	Service Edge Geographic	No Diversity	Primary	No Diversity	0.00
Service Edge Diversity	Service Edge Geographic	Service Edge Diversity	Diverse From	Diverse From	300.00
Service Edge Diversity	Service Edge Geographic	Service Edge Diversity	Primary	Primary	0.00
Service Edge Diversity	Service Edge Geographic	Service Edge Geographic	Diverse From	Diverse From	300.00
Service Edge Diversity	Service Edge Geographic	Service Edge Geographic	Primary	Primary	0.00

#### Administrative Charges.

Administrative Charge	Charge Instance	Non-Recurring Charge
Administrative Change	Per Change	\$60.00
Cancellation of Order	Per Connection	\$800.00
Expedite	Per Connection	\$1,000.00
Pending Order Change	Per Connection	\$60.00
Physical Change	Per Connection	\$200.00
Reconfiguration*	Per Connection	\$200.00
Service Date Change	Per Connection	\$60.00

\* Access must have sufficient bandwidth and the correct specification provisioned to support the reconfiguration request. This charge is in addition to the Administrative Change charge and applies per bandwidth reconfiguration.

**Applicable Taxes and Surcharges**

All applicable taxes shall be billed and paid, unless customer is exempt by law and submits the required documents evidencing that it is exempt by applicable law from such tax.

Governmental Surcharges (defined below) shall also be charged in accordance with the applicable law, regulation, tariff, or Guide provisions now or hereafter in effect, whether or not listed below. Governmental Surcharges (also referred to herein as "surcharges") shall mean rates and charges billed in order to recover Amounts Verizon is or becomes required or permitted under applicable law or by governmental or quasi-governmental authorities to collect from customer and/or to pay to others in accordance with statutory or regulatory programs. Surcharges are subject to change in order to conform to changes in the applicable law, regulation, tariff or Guide provisions.

For interLATA circuits the State must certify that less than 10% of the traffic over this circuit would Eventually terminate out of state. In this case, no current surcharges apply.

For Interstate circuits (and intraLATA circuits where more than 10% of traffic will terminate out of State), the following surcharges would currently apply. Rates provided are the current rates and may change as directed by the appropriate governmental authority.

FUSF 29%

Carrier Cost Recovery Charge 2.84%

Administrative Expense Fee 0.38%

Carrier Annual Regulatory Charge 0.75%

### ***Section 3.4.3 IP and VOIP 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.

Additional taxes and surcharges may apply. See below for details.

## Private IP Service

Local Access pricing is listed in Section 3.4.2 Ethernet Services

### 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

Fixed Port Speed	MRC	NRC	Dynamic Port Speed	MRC	NRC
1.544 DS1	\$345.00	\$0.00			
2M Ethernet	\$56.00	\$0.00	2M Ethernet	\$56.00	\$0.00
3M Ethernet	\$70.00	\$0.00	3M Ethernet	\$70.00	\$0.00
5M Ethernet	\$93.00	\$0.00	5M Ethernet	\$93.00	\$0.00
6M Ethernet	\$96.00	\$0.00	6M Ethernet	\$96.00	\$0.00
8M Ethernet	\$98.00	\$0.00	8M Ethernet	\$98.00	\$0.00
10M Ethernet	\$100.00	\$0.00	10M Ethernet	\$100.00	\$0.00
15M Ethernet	\$138.00	\$0.00	15M Ethernet	\$138.00	\$0.00
20M Ethernet	\$144.00	\$0.00	20M Ethernet	\$144.00	\$0.00
30M Ethernet	\$150.00	\$0.00	30M Ethernet	\$150.00	\$0.00
40M Ethernet	\$156.00	\$0.00	40M Ethernet	\$156.00	\$0.00
50M Ethernet	\$162.00	\$0.00	50M Ethernet	\$162.00	\$0.00
80M Ethernet	\$180.00	\$0.00	80M Ethernet	\$180.00	\$0.00
100M Ethernet	\$192.00	\$0.00	100M Ethernet	\$192.00	\$0.00
200M Ethernet	\$375.00	\$0.00	200M Ethernet	\$375.00	\$0.00
300M Ethernet	\$507.00	\$0.00	300M Ethernet	\$507.00	\$0.00
400M Ethernet	\$539.00	\$0.00	400M Ethernet	\$539.00	\$0.00
500M Ethernet	\$563.00	\$0.00	500M Ethernet	\$563.00	\$0.00
600M Ethernet	\$575.00	\$0.00	600M Ethernet	\$575.00	\$0.00
800M Ethernet	\$592.00	\$0.00	800M Ethernet	\$592.00	\$0.00
1000M Ethernet	\$641.00	\$0.00	1000M Ethernet	\$641.00	\$0.00
>1GBPS	ICB		>1GBPS	ICB	

Gold CAR Charges			
Speed	MRC	Speed	MRC
1.376 Mbps	\$6.51	30.000 Mbps	\$64.00
1.536 Mbps	\$6.51	40.000 Mbps	\$73.00
1.728 Mbps	\$3.00	44.992 Mbps	\$73.00
2.000 Mbps	\$16.00	50.000 Mbps	\$165.00
3.000 Mbps	\$16.00	72.000 Mbps	\$165.00
3.500 Mbps	\$23.00	90.000 Mbps	\$165.00
4.096 Mbps	\$23.00	110.500 Mbps	\$304.00
5.000 Mbps	\$33.00	139.936 Mbps	\$304.18
7.200 Mbps	\$33.00	180.000 Mbps	\$304.18
9.216 Mbps	\$33.00	248.800 Mbps	\$470.00
10.000 Mbps	\$34.00	450.000 Mbps	\$829.65
13.488 Mbps	\$59.00	700.000 Mbps	\$1,355.00
15.360 Mbps	\$59.00	900.000 Mbps	\$1,645.00
17.808 Mbps	\$59.00	1.8Gbps	ICB
18.432 Mbps	\$59.00	4.5Gbps	ICB
20.000 Mbps	\$59.00	7 Gbps	ICB
24.576 Mbps	\$64.00	9.0 Gbps	ICB



WAN Analysis Reporting		
Reporting Level	MRC	NRC
Provider Edge Statistics	Included	\$-
Change Fee: Design	\$-	\$250.00
Change Fee: Design Plus	\$-	\$400.00
Change Fee Implementation	\$-	\$50
Standard Select	\$-	\$-
ETM – Verizon Managed	\$5.00	\$-
ETM – Non Verizon Managed	\$10.00	\$-
ETM Select – Verizon Managed	\$7.00	\$-
ETM Select – Non Verizon Managed	\$12.00	\$-
ETM Select with netflow 101-500 Mbps – Verizon Managed	\$10.00	\$-
ETM Select with netflow 101-500 Mbps – Non Verizon Managed	\$15.00	\$-
ETM Select with netflow 501-1000 Mbps – Verizon Managed	\$10.00	\$-
ETM Select with netflow 501-1000 Mbps – Non Verizon Managed	\$15.00	\$-
ETM Select with netflow 1001-10000 Mbps – Verizon Managed	\$10.00	\$-
ETM Select with netflow 1001-10000 Mbps – Non Verizon Managed	\$15.00	\$-
Threshold Proactive Performance Monitoring (PPM)	\$5.00	\$-
UCCaaS SD WAN reporting	\$5.00	\$-
Wireless LAN Reporting	\$0	\$-

Other		
	MRC	Install
Private IP Cross connect \$	500.00	\$500.00

### Applicable Taxes and Surcharges

All applicable taxes shall be billed and paid, unless customer is exempt by law and submits the required documents evidencing that it is exempt by applicable law from such tax.

Governmental Surcharges (defined below) shall also be charged in accordance with the applicable law, regulation, tariff, or Guide provisions now or hereafter in effect, whether or not listed below. Governmental Surcharges (also referred to herein as “surcharges”) shall mean rates and charges billed in order to recover Amounts Verizon is or becomes required or permitted under applicable law or by governmental or quasi-governmental authorities to collect from customer and/or to pay to others in accordance with statutory or regulatory programs. Surcharges are subject to change in order to conform to changes in the applicable law, regulation, tariff or Guide provisions.

For interLATA circuits the State must certify that less than 10% of the traffic over this circuit would Eventually terminate out of state. In this case, no current surcharges apply.

For Interstate circuits (and intraLATA circuits where more than 10% of traffic will terminate out of State), the following surcharges would currently apply. Rates provided are the current rates and may change as directed by the appropriate governmental authority.

FUSF 29%

Carrier Cost Recovery Charge 2.84%

Administrative Expense Fee 0.38%

Carrier Annual Regulatory Charge 0.75%

**Secure Cloud Interconnect.**

With Secure Cloud Interconnect, Verizon provides an interconnection with the network of select third-party cloud providers (with whom the customer has separately contracted) enabling Customer to utilize those third-parties' cloud services over Private IP, Switched E-LAN, or Switched E-LINE network. Verizon also provides network translation functionality (NAT), but Customer may provide Customer's own NAT with the understanding that Customer accepts sole responsibility if Customer fails to properly configure NAT and such failure permits a third party cloud provider to have access to Customer's Private IP addresses. Secure Cloud Interconnect has unique pricing, network designs, and capabilities; details are available on request. In addition, Verizon may terminate Secure Cloud Interconnect, in whole or in part, upon 30 days written notice, where Customer is utilizing Secure Cloud Interconnect on a usage only basis, and Customer has not used this feature for a continuous period exceeding ten months.

SECURE CLOUD INTERCONNECT			
Committed Data Plan	Overage (per G) NEW	MRC NEW	Install NEW
0 GB	\$0.855	\$0.00	\$500.00
1,000 GB	\$0.30	\$300.00	\$-
3,000 GB	\$0.22	\$660.00	\$-
10,000 GB	\$0.12	\$1,200.00	\$-
30,000 GB	\$0.10	\$2,900.10	\$-
45,000 GB	\$0.08	\$3,399.90	\$-
100,000 GB	\$0.05	\$5,163.90	\$-
Unlimited	\$0.00	\$18,000.00	\$-

**Software Defined Interconnect (SDI)**

Verizon's Software Defined Interconnect (SDI) service offers a new option for Cloud and colocation connectivity. SDI can connect Private IP and Ethernet Service customers to over 200 Cloud Service Providers (CSPs) globally across 133 Equinix data centers. This provides an option for fixed cost access to CSPs. The SDI product leverages Equinix's APIs to activate a connection on the same day an order is placed, in a similar manner to Verizon's Secure Cloud Interconnect platform. Our new Software Defined Interconnect is a no touch provisioning process that will significantly lower telco access costs, enable connectivity in minutes, instead of weeks or months and requires no truck rolls or special construction. The State can still use Secure Cloud Interconnect (SCI), but SDI now provides another option to access more cloud services globally.

SOFTWARE DEFINED INTERCONNECT (SDI)		
DESCRIPTION	MRC	NRC
1G Access Speed (Customer Ordered)	\$130.00	\$500.000
1G Access Speed (Verizon Ordered)	\$150.00	\$500.000
10G Access Speed (Customer or Verizon Ordered)	\$500.00	\$500.000

For Software Defined Interconnect (SDI), Verizon provides an interconnection across a Third-Party vendor network interface between a Customer's Private IP service and their equipment within select Third Party data centers. Customer must separately have a suitable existing physical connection to select Third Party vendor networks.

## 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	\$3.00	\$0.0127
Incl 250 LD minutes per Enterprise Trunk	\$4.00	\$0.0138
Incl 750 LD minutes per Enterprise Trunk	\$6.40	\$0.0138
Incl 5000 LD minutes per Enterprise Trunk	ICB	ICB
<b>Local &amp; LD:</b>		
Metered	\$5.60	\$0.0127
Incl 250 LD minutes per Enterprise Trunk	\$7.00	\$0.0138
Incl 750 LD minutes per Enterprise Trunk	\$9.40	\$0.0138
Incl 5000 LD minutes per Enterprise Trunk	\$11.80	\$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	\$175
LD Only	100	\$300
LD Only	200	\$525
LD Only	300	\$675
LD Only	400	\$850
Local and LD	50	\$175
Local and LD	100	\$300
Local and LD	200	\$525
Local and LD	300	\$675
Local and LD	400	\$850

MRC Per Additional Simultaneous Call Utilized	Call	
LD Only	per call	\$11
Local and LD	per call	\$21

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

**ENTERPRISE TRUNKING PREMIUM**

This optional feature reserves bandwidth in the Verizon VOIP network at all SBCs to support the customers' Enterprise Trunks in the event of a failure at the customers' primary SBC node. This guarantees the bandwidth will be available at other SBCs to support the customer's subscribed traffic. This feature upgrades the Availability SLA to 100%

Tier	(# Trunks)	Monthly Charge
Enterprise Trunking Premium	100	\$137.50
Enterprise Trunking Premium	500	\$625.00
Enterprise Trunking Premium	1000	\$1,100.00
Enterprise Trunking Premium	5000	\$2,500.00
Enterprise Trunking Premium	>5000	\$3,750.00

**MISCELLANEOUS CHARGES FOR ADDITIONAL FEATURES AND CAPABILITIES****Recurring Services and Charges:**

Auto Attendant Instances	Monthly per Instance	\$10.00
Caller ID with Name - Inbound	Monthly Per Number	\$0.12
Intermediate Feature Package	Monthly Per Number	\$2.00
Redirect to Telephone Number	Per Trunk Group	\$15.00
Redirect to Telephone Number	<b>Per Instance*</b>	\$15.00
Telephone Number Charge	Monthly Per Number	\$0.10
Telephone Number Charge	<b>Install Per Number*</b>	\$0.13
Voice Mails	Monthly Per mailbox	\$1.75
Call Forwarding	Monthly Per Number	\$0.50
Trunking Route Overflow	Monthly	\$50.00
Operator Connect	Monthly	\$2.90

**\* 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	
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

### Applicable Taxes and Surcharges

All applicable taxes shall be billed and paid, unless customer is exempt by law and submits the required documents evidencing that it is exempt by applicable law from such tax.

Governmental Surcharges (defined below) shall also be charged in accordance with the applicable law, regulation, tariff, or Guide provisions now or hereafter in effect, whether or not listed below. Governmental Surcharges (also referred to herein as “surcharges”) shall mean rates and charges billed in order to recover Amounts Verizon is or becomes required or permitted under applicable law or by governmental or quasi-governmental authorities to collect from customer and/or to pay to others in accordance with statutory or regulatory programs. Surcharges are subject to change in order to conform to changes in the applicable law, regulation, tariff or Guide provisions.

For interLATA circuits the State must certify that less than 10% of the traffic over this circuit would Eventually terminate out of state. In this case, no current surcharges apply.

For Interstate circuits (and intraLATA circuits where more than 10% of traffic will terminate out of State), the following surcharges would currently apply. Rates provided are the current rates and may change as directed by the appropriate governmental authority.

FUSF 29%

Carrier Cost Recovery Charge 2.84%

Administrative Expense Fee 0.38%

Carrier Annual Regulatory Charge 0.75%

### Securelogix

Verizon has partnered with SecureLogix to bring customers tools that enhance their Voice Security posture. Verizon has partnered with SecureLogix on Department of Homeland Security Research and Development contracts surrounding Voice Security & Authentication.

SecureLogix Features	Description of Key Features
Call Secure Managed Services	Enterprise-wide call visibility /Unified Security Policy Enforcement / Proactive Monitoring / Call Firewall and Intrusion Prevention
Call Defense Systems	ETM System (TDM and SIP call support platform) / PolicyGuru Call Controller (Unified Security Policy enforcement / Proactive monitoring / volumetric thresholding for alerting and or blocking )
Orchestra One Authentication Services	Verify inbound source phone numbers / Identify spoofed calls / leverage multiple tools / Assign risk score to each call

Based on the needed elements, all SecureLogix engagements will be fully scoped and will be presented and quoted to the State on an Individual Case Basis.

## Section 3.4.4 Satellite Services

### Satellite Access Service:

Verizon's Satellite Access Service provides customer sites in the U.S. with connectivity via satellite to Verizon's Private IP network (a managed network-based VPN Service), Verizon's Dedicated Internet network, and to Private WAN / Dedicated Private Line services.

Standard Satellite Access Bandwidths			
Downlink (receive) and Uplink (transmit) Bandwidth		(Primary Service)	(Backup Service)
Receive	Transmit	MRC per Site	MRC per Site
32 Kbps	32 Kbps	\$55.00	\$41.00
64 Kbps	64 Kbps	\$71.00	\$43.00
128 Kbps	128 Kbps	\$101.00	\$46.00
256 Kbps	256 Kbps	\$162.00	\$52.00
512 Kbps	512 Kbps	\$285.00	\$64.00
1 Mbps	.5 Mbps	\$407.00	\$77.00
1.5 Mbps	.5 Mbps	\$531.00	\$89.00
2 Mbps	.5 Mbps	\$652.00	\$101.00
3 Mbps	.5 Mbps	\$879.00	\$124.00
1.5 Mbps	1.5 Mbps	\$778.00	\$114.00
3 Mbps	1.5 Mbps	\$1,281.00	\$164.00
6 Mbps	1.5 Mbps	\$2,100.00	\$246.00
10 Mbps	1.5 Mbps	\$3,193.00	\$355.00
3 Mbps	3 Mbps	\$1,952.00	\$231.00
6 Mbps	3 Mbps	\$2,907.00	\$327.00
10 Mbps	3 Mbps	\$4,182.00	\$454.00
15 Mbps	3 Mbps	\$5,775.00	\$613.00
4 Mbps	4 Mbps	\$3,863.00	\$422.00
8 Mbps	4 Mbps	\$5,775.00	\$613.00
10 Mbps	4 Mbps	\$6,731.00	\$709.00
15 Mbps	4 Mbps	\$9,120.00	\$948.00
10 Mbps	10 Mbps	\$38,273.00	\$1,952.00
20 Mbps	10 Mbps	\$57,390.00	\$2,907.00

Satellite Bandwidth vETM Service			
Downlink (receive) and Uplink (transmit) Bandwidth		(Primary Service)	(Backup Service)
Receive	Transmit	MRC per Site	MRC per Site
0 Kbps	0 Kbps	\$8.00	\$8.00
16 Kbps	16 Kbps	\$157.00	N / A
32 Kbps	32 Kbps	\$296.00	N / A
48 Kbps	48 Kbps	\$436.00	N / A
64 Kbps	64 Kbps	\$575.00	N / A
128 Kbps	128 Kbps	\$1,131.00	N / A
256 Kbps	256 Kbps	\$2,243.00	N / A
512 Kbps	512 Kbps	\$4,467.00	N / A
1,024 Kbps	1,024 Kbps	\$8,916.00	N / A

**Standard On-Site PIP Satellite CPE Maintenance Service for Standard Service and Disaster Recovery.** If Customer subscribes to Standard On-Site Maintenance, Verizon will dispatch a technician to Customer's site according to the response time to which Customer subscribes.

Satellite CPE Maintenance		
Option	Description	MRC per Site
Maintenance – ND Standard (CONUS)	Next Day ( .98M, 1.2M, 1.8M, 2.4M Antennas )	\$24
Maintenance – SD Standard (CONUS)	Same Day (24x7) ( .98M, 1.2M, 1.8M, 2.4M Antennas )	\$36
Maintenance – ND Auto-Deploy/Quick-Deploy (CONUS)	Next Day ( .98M, 1.2M, 1.8M, 2.4M Antennas )	\$130

**Non-Standard On-Site Satellite CPE Maintenance Service**

Non-standard On-Site maintenance may be available for items not included in Standard Maintenance or for locations where Standard On-Site Maintenance is not available. Customer will pay the hourly rate documented in Rates and Charges for non-standard maintenance activities.



**PIP Satellite Network Management.** Verizon will provide off-site network troubleshooting, monitoring and management, as applicable, in accordance with the service tier to which Customer subscribes.

Network Management Options	Scope of Service and Description of Process	MRC per Unit
<p><b>Tier 1</b> Customer Initiated Service.</p>	<ul style="list-style-type: none"> <li>• Coverage applies to the PIP Satellite Service and the router</li> <li>• Customer calls designated Verizon Business customer support to report the outage.</li> <li>• Verizon opens Trouble Ticket and refers it to maintenance organization for on-site dispatch</li> <li>• Verizon contacts vendors as Verizon deems necessary</li> <li>• Tier 1 does not include problem triage or monitoring</li> </ul>	<p>Included in MRC for Bandwidth</p>
<p><b>Tier 2</b> Proactive PIP Satellite Transport Monitoring</p>	<ul style="list-style-type: none"> <li>• Verizon proactively monitors PIP Satellite Service up to, but not including, Customer's router</li> <li>• Verizon engages second-level technical support</li> <li>• Verizon opens Trouble Ticket proactively and notifies Customer</li> <li>• Verizon performs fault isolation and problem triage with Customer and/or vendors</li> <li>• Verizon dispatches technician to Customer's site as Verizon deems necessary.</li> </ul>	<p>\$14</p>

**Private IP (PIP) Satellite CPE Purchase.**

<b>Satellite CPE</b>	
<b>Description</b>	<b>NRC per Unit</b>
Antenna (STD), 1.2 Meter Ku-Band, Tier-2 w/SHC (Req. 2.88" Mast)	\$360
Antenna (STD), 1.2 Meter Ku-Band, Tier-2 w/120VAC Half-Deice (Req. 2.88" Mast)	\$1,430
Antenna (STD), 1.2 Meter Ku-Band, Tier-2 w/240VAC Half-Deice (Req. 2.88" Mast)	\$1,520
Antenna (STD), 1.2 Meter Ku-Band, Tier-2 w/120VAC Full-Deice (Req. 2.88" Mast)	\$2,530
Antenna (STD), 1.2 Meter Ku-Band, Tier-2 w/240VAC Full-Deice (Req. 2.88" Mast)	\$2,700
Antenna (HW), 1.2 Meter Ku-Band, Tier-3 w/SHC, SS-UPG (Req. 2.88" Mast)	\$1,770
Antenna (HW), 1.2 Meter Ku-Band, Tier-3 w/120VAC Half-Deice, SS-UPG (Req. 2.88" Mast)	\$2,840
Antenna (HW), 1.2 Meter Ku-Band, Tier-3 w/240VAC Half-Deice, SS-UPG (Req. 2.88" Mast)	\$2,930
Antenna (HW), 1.2 Meter Ku-Band, Tier-3 w/120VAC Full-Deice, SS-UPG (Req. 2.88" Mast)	\$3,940
Antenna (HW), 1.2 Meter Ku-Band, Tier-3 w/240VAC Full-Deice, SS-UPG (Req. 2.88" Mast)	\$4,110
Antenna (AP), 1.2 Meter Ku-Band Auto-Pointing Vehicle Mountable (1278K w/AAQ, BUC Kit & 30ft Cable)	\$38,230
Antenna (AP), 1.2 Meter Ku-Band Auto-Pointing Case-Based Flyaway w/Cable Reel & 8RU Shock Case	\$88,070
Antenna (STD), 1.8 Meter Ku-Band, Tier-2 w/SHC (Req. 4.00" Mast)	\$1,040
Antenna (STD), 1.8 Meter Ku-Band, Tier-2 w/120VAC Half-Deice (Req. 4.00" Mast)	\$2,220
Antenna (STD), 1.8 Meter Ku-Band, Tier-2 w/240VAC Half-Deice (Req. 4.00" Mast)	\$2,380
Antenna (STD), 1.8 Meter Ku-Band, Tier-2 w/120VAC Full-Deice (Req. 4.00" Mast)	\$3,440
Antenna (STD), 1.8 Meter Ku-Band, Tier-2 w/240VAC Full-Deice (Req. 4.00" Mast)	\$3,750
Antenna (HW), 1.8 Meter Ku-Band, Tier-3 w/SHC, SS-UPG (Req. 6.62" Mast)	\$4,290
Antenna (HW), 1.8 Meter Ku-Band, Tier-3 w/120VAC Half-Deice, SS-UPG (Req. 6.62" Mast)	\$5,910
Antenna (HW), 1.8 Meter Ku-Band, Tier-3 w/240VAC Half-Deice, SS-UPG (Req. 6.62" Mast)	\$6,060

Antenna (AP), 1.8 Meter Ku-Band Auto-Pointing Vehicle Mount w/Antenna Controller	\$77,540
Antenna (STD), 2.4 Meter Ku-Band, Tier-3 w/SHC (Req. 6.62" Mast)	\$2,560
Antenna (STD), 2.4 Meter Ku-Band, Tier-3 w/120VAC Half-Deice (Req. 6.62" Mast)	\$4,560
Antenna (STD), 2.4 Meter Ku-Band, Tier-3 w/240VAC Half-Deice (Req. 6.62" Mast)	\$4,720
Antenna (STD), 2.4 Meter Ku-Band, Tier-3 w/120VAC Full-Deice (Req. 6.62" Mast)	\$6,690
Antenna (STD), 2.4 Meter Ku-Band, Tier-3 w/240VAC Full-Deice (Req. 6.62" Mast)	\$7,000
Antenna (HW), 2.4 Meter Ku-Band, Tier-3 w/SHC, SS-UPG (Req. 6.62" Mast)	\$10,680
Antenna (HW), 2.4 Meter Ku-Band, Tier-3 w/120VAC Half-Deice, SS-UPG (Req. 6.62" Mast)	\$12,680
Antenna (HW), 2.4 Meter Ku-Band, Tier-3 w/240VAC Half-Deice, SS-UPG (Req. 6.62" Mast)	\$12,840
Mount, Non-Penetrating Roof Mount, for .98m or 1.2m antenna's w/2.88" O.D. x 36" Mast	\$390
Mount, Non-Penetrating Ridge Mount, for .98m or 1.2m antenna w/2.88" O.D. x 24" Mast	\$750
Mount, Wall Mount, for .98m or 1.2m antenna w/2.88" O.D. x 1' Mast with 36" Offset from Wall	\$260
Mount, Wall Plate/Beam Mount, for .98m or 1.2m antenna w/2.88" O.D. x 1' Mast	\$330
Mount, Canopy/Beam Mount, for .98m or 1.2m antenna w/2.88" O.D. x 3' Mast	\$320
Mount, Tower Mount, for .98m or 1.2m antenna w/2.88" O.D. x 1' Mast for 2.88" to 4.50" OD Leg	\$690
Mount, Tower Mount, for .98m or 1.2m antenna w/2.88" O.D. x 1' Mast for 3.50" to 8.62" OD Leg	\$1,250
Mount, In-Ground Pole Mount for .96m or 1.2m antenna w/(S40) 2.88" O.D. 8' Mast	\$270
Mount, Mast Adapter, Converts mount mast from 4.00" to 2.88" O.D. Mast	\$90
Mount, Mast Adapter, Converts mount mast from 4.50" to 2.88" O.D. Mast	\$150
Mount, Mast Adapter, Converts mount mast from 6.62" to 2.88" O.D. Mast	\$280
Mount, In-Ground Pole Mount for .98m or 1.2m antenna 2.88" O.D. 10' Mast 160 MPH Wind Rating	\$1,430
Mount, Non-Penetrating Roof Mount, for 1.8m antenna's w/4.00" O.D. x 3' Mast	\$1,270
Mount, Non-Penetrating Ridge Mount, for 1.8m antenna's w/4.00" O.D. x 3' Mast	\$2,720
Mount, Wall Mount, for 1.8m antenna's w/4.00" O.D. x 3' Mast with 36" Offset from Wall	\$1,110
Mount, Tower Mount, for 1.8m antenna w/4.00" O.D. x 1' Mast for 3.50" to 8.62" OD Leg	\$1,270
Mount, In-Ground Pole Mount for 1.8m antenna w/(S40) 4.00" O.D. x 9' Mast	\$440

Mount, Mast Adapter, Converts mount mast from 4.50" to 4.00" O.D. Mast	\$210
Mount, Mast Adapter, Converts mount mast from 6.62" to 4.00" O.D. Mast	\$290
Mount, Non-Penetrating Roof Mount, for 2.4m or 1.8m HW antenna's w/6.62" O.D. x 3' Mast	\$3,650
Mount, Non-Penetrating Ridge Mount, for 2.4m or 1.8m HW antenna's w/6.62" O.D. x 5' Mast	\$4,000
Mount, Wall Mount, for 2.4m or 1.8m HW antenna's w/6.62" O.D. x 3' Mast with 48" Offset from Wall	\$1,440

Mount, Tower Mount, for 2.4m or 1.8m HW antenna w/6.62" O.D. x 1' Mast for 3.50" to 8.62" OD Leg	\$1,280
Mount, In-Ground Pole Mount for 2.4m or 1.8m HW antenna w/(S80) 6.62" O.D. x 12' Mast	\$1,630
iDirect IQ DESKTOP+ w/65W DC Kit (iQ-1 + iQ Link Encryption) 1Mbps	\$630
iDirect IQ DESKTOP+ w/90W AC (iQ-1 + iQ Link Encryption) 1Mbps	\$690
iDirect IQ DESKTOP+ w/90W AC (iQ-5 + iQ Link Encryption) 5Mbps	\$870
iDirect X1 100-240 VAC Indoor Desktop Modem	\$610
iDirect X1 100-240 VAC Outdoor Hardened Modem	\$1,210
iDirect X1 12-36 VDC Outdoor Hardened Modem	\$1,210
iDirect X1 36-72 VDC Outdoor Hardened Modem	\$1,210
iDirect X7 Satellite Router (100-240VAC) w/8-Port Switch (Indoor/1RU Rackmount)	\$1,260
iDirect X7 Satellite Router (36-72VDC) w/8-Port Switch (Indoor/1RU Rackmount)	\$3,030
iDirect IQ 200 RACKMOUNT AC (iQ-5 + iQ Link Encryption) 5Mbps	\$1,880
iDirect IQ 200 RACKMOUNT AC (iQ-10 + iQ Link Encryption) 10Mbps	\$2,460
iDirect IQ 200 RACKMOUNT AC (iQ-5 + iQ Mobility + iQ Link Encryption) 5Mbps	\$2,440
iDirect IQ 200 RACKMOUNT DC (iQ-5 + iQ Link Encryption) 5Mbps	\$2,200
Newtec 2510 Satellite Router (100-240VAC) w/1-LAN Port (Desktop) Base Unit	\$690
Rack Mount Kit for Newtec 2510 Satellite Router (for Desktop Rack Mounting)	\$250
Newtec 2510 Satellite Router (100-240VAC) w/1-LAN Port (Indoor/1RU Rackmount) w/ 2watt Ku iLNB	\$930
Newtec 2210 Satellite Router w/75cm Antenna Kit (100-240VAC) w/1-LAN Port (Desktop) w/ 2watt Ku iLNB	\$700
Newtec 2210 Satellite Router w/100cm Antenna Kit (100-240VAC) w/1-LAN Port (Desktop) w/ 2watt Ku iLNB	\$890
Newtec 2210 Satellite Router w/120cm Antenna Kit (100-240VAC) w/1-LAN Port (Desktop) w/ 2watt Ku iLNB	\$1,060
Newtec 3310 Satellite Router, 5Mbps Return (100-240VAC) w/4-Port Switch (Desktop)	\$1,920
Newtec 3310 Satellite Router, 10Mbps Return (100-240VAC) w/4-Port Switch (Desktop)	\$3,230
Newtec 3310 Satellite Router, 20Mbps Return (100-240VAC) w/4-Port Switch (Desktop)	\$5,860
Newtec 3310 Satellite Router, 30Mbps Return (100-240VAC) w/4-Port Switch (Desktop)	\$6,470
Newtec 3310 Satellite Router, 40Mbps Return (100-240VAC) w/4-Port Switch (Desktop)	\$7,190
Newtec 3310 Satellite Router, 60Mbps Return (100-240VAC) w/4-Port Switch (Desktop)	\$8,680
Newtec 5010 Satellite Router, 100Mbps Return (100-240VAC) w/4-Port Switch (1RU)	\$10,920
BUC, 3-Watt Ku-Band, 13.75-14.5 GHz, P1dB: +34.5 dBm min. @ +25°C	\$180
BUC, 4-Watt Ku-Band, 13.75-14.5 GHz, +24VDC @ 32w, P1dB 36.0 dBm, Gain 56dB	\$830
BUC, 6-Watt Ku-Band, 13.75-14.5 GHz, +24VDC @ 45w, P1dB 37.8 dBm, Gain 56dB	\$760
BUC, 8-Watt Ku-Band, 14.00-14.5 GHz, Ext Pwr +24VDC @ 65w, P1dB 39.0 dBm, Gain 60dB	\$4,710

BUC, 8-Watt Ku-Band, 14.00-14.5 GHz, IFL Pwr +24VDC @ 65w, P1dB 39.0 dBm, Gain 70dB	\$5,190
BUC, 20-Watt Ku-Band, 14.00-14.5 GHz, IFL Pwr w/Indoor PS @ 300w, P1dB 42.0 dBm, Gain 60dB	\$9,920
BUC, 20-Watt Ku-Band, 14.00-14.5 GHz, IFL Pwr w/Indoor PS @ 300w, P1dB 42.0 dBm, Gain 70dB	\$9,920
BUC, 20-Watt Ku-Band, 14.00-14.5 GHz, Ext Pwr +48VDC @ 110w, P1dB 42.0 dBm, Gain 60dB	\$8,030
BUC, 20-Watt Ku-Band, 14.00-14.5 GHz, Ext Pwr +48VDC @ 110w, P1dB 42.0 dBm, Gain 70dB	\$8,030
LNB, Ku-Band, Low Noise Block Down-Converter, 11.70-12.20 GHz, Noise Figure: 0.8 dB Max	\$100
Snow Shield (Passive), for 1.2m Antenna, Full Reflector cover w/ PTEF Coating and Feed Cover	\$2,000
Snow Shield Ice Quake System, for 1.2m Antenna, Controlled by a PS-2 Moisture Only Sensor	\$3,770
Snow Shield Heater, for 1.2m Antenna, 1200 Watt Electric Heating Unit Controlled by a DS-4C Moisture / Temp Sensor	\$6,610
Snow Shield (Passive), for 1.8m Antenna, Full Reflector cover w/ PTEF Coating and Feed Cover	\$2,950
Snow Shield Ice Quake System, for 1.8m Antenna, Controlled by a PS-2 Moisture Only Sensor	\$4,720
Snow Shield Heater, for 1.8m Antenna, 1700 Watt Electric Heating Unit Controlled by a DS-4C Moisture / Temp Sensor	\$7,670
Snow Shield (Passive), for 2.4m Antenna, Full Reflector cover w/ PTEF Coating and Feed Cover	\$4,840
Snow Shield Ice Quake System, for 2.4m Antenna, Controlled by a PS-2 Moisture Only Sensor	\$8,620
Snow Shield Heater, for 2.4m Antenna, 4000 Watt Electric Heating Unit Controlled by a DS-4C Moisture / Temp Sensor	\$11,920
Antenna Feed System, Ku-Band for GD Satcom 39 Degree Antennas (Unbundled/Spare)	\$90
Antenna Feed System, Ku-Band for GD Satcom 51 Degree Antennas (Unbundled/Spare)	\$90
Antenna Feed System, Ku-Band for Skyware Type-123 Antennas (Unbundled/Spare)	\$70
Antenna Feed System, Ku-Band for Skyware Type-182 & 185 Antennas (Unbundled/Spare)	\$70
Feed Horn Heater, 120V, Ku Horn	\$120
Power Supply, 1RU Indoor BUC Power Supply with Bias-T (Unbundled/Spare)	\$1,890
Voltage Regulator, Furman 120 VAC Voltage Regulator/Power Conditioner with (8) Power outlets	\$1,770

## Installation and Ancillary Charges

Satellite CPE Installation and Ancillary Charges	NRC Per Unit
Description	
Self-Install/Activation-CONUS, Provisioning Customer-Installed/Activation of inactive VSAT	\$170
Certification-CONUS, Certify & Provisioning Existing or Customer-Installed Auto-deploy	\$3,620
Site Survey-CONUS, Verizon Onsite Pre-Installation Site Survey	\$500
Install-CONUS, Satellite Kit upgrade (i.e. Satellite Router, BUC & LNB) or Repoint	\$700
Install-CONUS, .75 Meter Satellite CPE Kit Installation onto existing Mount	\$930
Install-CONUS, .75 Meter Satellite CPE Kit Installation w/Non-Penetrating Roof/Ridge Mount	\$1,120
Install-CONUS, .75 Meter Satellite CPE Kit Installation w/Wall or Tower Mount	\$1,900
Install-CONUS, .75 Meter Satellite CPE Kit Installation w/Pole or Pedestal Mount	\$1,790
Install-CONUS, 1.2m Satellite CPE Kit Installation onto existing Mount	\$1,000
Install-CONUS, 1.2m Satellite CPE Kit Installation w/Non-Penetrating Roof/Ridge Mount	\$1,190
Install-CONUS, 1.2m Satellite CPE Kit Installation w/Wall or Tower Mount	\$1,980
Install-CONUS, 1.2m Satellite CPE Kit Installation w/Pole or Pedestal Mount	\$1,870
Install-CONUS, 1.2m (HW) Satellite CPE Kit Installation onto existing Mount	\$1,080
Install-CONUS, 1.2m (HW) Satellite CPE Kit Installation w/Non-Penetrating Roof/Ridge Mount	\$1,270
Install-CONUS, 1.2m (HW) Satellite CPE Kit Installation w/Wall or Tower Mount	\$2,050
Install-CONUS, 1.2m (HW) Satellite CPE Kit Installation w/Pole or Pedestal Mount	\$1,940
Install-CONUS, 1.8m Satellite CPE Kit Installation onto existing Mount	\$1,450
Install-CONUS, 1.8m Satellite CPE Kit Installation with Non-Penetrating Roof/Ridge Mount	\$2,550
Install-CONUS, 1.8m Satellite CPE Kit Installation with Wall or Tower Mount	\$2,550
Install-CONUS, 1.8m Satellite CPE Kit Installation w/Pole or Pedestal Mount	\$2,430
Install-CONUS, 2.4m/1.8m (HW) Satellite CPE Kit Installation onto existing Mount	\$2,130
Install-CONUS, 2.4m/1.8m (HW) Satellite CPE Kit Installation w/Non-Pen Roof/Ridge Mount	\$3,370
Install-CONUS, 2.4m/1.8m (HW) Satellite CPE Kit Installation w/Wall or Tower Mount	\$3,370
Install-CONUS, 2.4m/1.8m (HW) Satellite CPE Kit Installation w/Pole or Pedestal Mount	\$3,400
Install-CONUS, IFL Cable – RG6 Dual Non-Plenum coaxial cable (Priced per Foot)	\$2
Install-CONUS, IFL Cable Upgrade – RG6 Dual Plenum coaxial cable (Priced per Foot)	\$6
Install-CONUS, IFL Cable Upgrade – RG11 Dual Non-Plenum coaxial cable (Priced per Foot)	\$6
Install-CONUS, IFL Cable Upgrade – RG11 Dual Plenum coaxial cable (Priced per Foot)	\$9
Install-CONUS, PVC Conduit - 1.5" (Price per Foot)	\$6
Install-CONUS, EMT Conduit - 1.5" (Price per Foot)	\$13
Install-CONUS, Rigid Conduit - 1.5" (Price per Foot)	\$27
Install-CONUS, Trenching - Normal Soil (Price per Foot)	\$6
Install-CONUS, Trenching - Asphalt, Concrete, Rock, Frozen Soil (Price per Foot)	\$38
Install-CONUS, Concrete Wall Penetrations/Core Drilling (Price per Hole)	\$113
De-Install-CONUS, .75 Meter VSAT Physical De-installation	\$630

De-Install-CONUS, .98 Meter & 1.2 Meter VSAT Physical De-installation	\$630
De-Install-CONUS, 1.8 Meter VSAT Physical De-installation	\$850
De-Install-CONUS, 2.4 Meter VSAT Physical De-installation	\$1,230
De-Install-CONUS, .75 Meter VSAT Physical De-installation - When performed with installation	\$480
De-Install-CONUS, .98 Meter & 1.2 Meter VSAT Physical De-installation - When performed with installation	\$550
De-Install-CONUS, 1.8 Meter VSAT Physical De-installation - When performed with installation	\$700
De-Install-CONUS, 2.4 Meter VSAT Physical De-installation - When performed with installation	\$1,000
Off-site disposal of de-installed equipment	\$260
Roof Work Move-CONUS, Relocate antenna on existing building due to re-roofing	\$1,230
CONUS, Site Survey Off-shore Platform, Verizon Onsite Pre-Installation Site Survey	\$1,430
CONUS, Install Off-shore Platform, 1.2m (High Wind) Satellite CPE Kit Installation	\$2,050
CONUS, Install Off-shore Platform, 1.8m (High Wind) Satellite CPE Kit Installation	\$3,370
CONUS, De-Install Off-shore Platform, .98 Meter & 1.2 Meter VSAT Physical De-installation	\$630
CONUS, De-Install Off-shore Platform, .1.8 Meter VSAT Physical De-installation	\$780
CONUS, Off-shore Platform Trip Surcharge (per dispatch / per site survey) (Customer responsible for providing transportation for Verizon technician to and from off-shore platform.)	\$2,800
CONUS, Off-shore Platform Trip Surcharge (per installation / de-installation - Includes 2 technicians) (Customer responsible for providing transportation for Verizon technician to and from off-shore platform.)	\$5,430
<b>Ancillary Charges</b>	
<b>Description</b>	<b>NRC per Unit</b>
Installation Expedite Fee (applies to installation and survey requests within 5 days of service order).	\$1,500
Failed Dispatch ("abort") – Cancellation/Abort fee for installation or maintenance. Fee is charged unless Customer cancels or reschedules at least 48 hours prior to scheduled appointment.	\$600
Change Management – Fee may be charged for service upgrade or downgrade of satellite circuit, PVC bandwidth, or any other change to service configuration. Charge is per unit per change.	\$65
Failover Test Normal Business Day	\$120
Failover Test 8-5 local customer time M-F After hours	\$240
<b>Non-standard Install or Maintenance Activities (Charges for out-of-scope services, as requested and authorized by Customer)</b>	
Hourly Rate for within business hours (7-7 local customer time M-F)	\$120
Hourly Rate for outside business hours	\$180
Hourly Rate for holiday	\$240
Satellite Phone Rental-Day Rate when required for install or maintenance activity (includes up to 30 minutes usage)	\$570
<b>Customer Training Session</b>	
Training-CONUS, Customer orientation in operation & install of Quick-Deploy / Auto-Deploy satellite system (price is per visit)	\$1,250
Training-(AK,HI,PR,USVI,CAN), Customer orientation in operation & install of Quick-Deploy / Auto-Deploy satellite system (price is per visit)	\$1,870



Training, Customer training in operation & install of Auto Deploy, Quick Deploy and Fixed Systems/CPE - Plano, Texas (price is per person)	\$1,500
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**Applicable Taxes and Surcharges**

All applicable taxes shall be billed and paid, unless customer is exempt by law and submits the required

documents evidencing that it is exempt by applicable law from such tax.

Governmental Surcharges (defined below) shall also be charged in accordance with the applicable law,

regulation, tariff, or Guide provisions now or hereafter in effect, whether or not listed below. Governmental

Surcharges (also referred to herein as "surcharges") shall mean rates and charges billed in order to recover

Amounts Verizon is or becomes required or permitted under applicable law or by governmental or quasi-

governmental authorities to collect from customer and/or to pay to others in accordance with statutory or

regulatory programs. Surcharges are subject to change in order to conform to changes in the applicable

law, regulation, tariff or Guide provisions.

For interLATA circuits the State must certify that less than 10% of the traffic over this circuit would

Eventually terminate out of state. In this case, no current surcharges apply.

For Interstate circuits (and intraLATA circuits where more than 10% of traffic will terminate out of State), the

following surcharges would currently apply. Rates provided are the current rates and may change as

directed by the appropriate governmental authority.

FUSF 29%

Carrier Cost Recovery Charge 2.84%

Administrative Expense Fee 0.38%

Carrier Annual Regulatory Charge 0.75%

### ***Section 3.5.1 SONET Services***

#### **SONET RING SERVICES**

##### **Dedicated SONET Ring**

The billable elements for Verizon SONET services are Nodes, Ports, and Mileage.

Nodes are the physical SONET nodes located in the Verizon central office or in a customer-designated premises.

Ports are the bandwidth channels allocated on the SONET ring.

Mileage is the distance between Nodes on the Ring.

Based on the needed elements, all DEDICATED SONET RINGS will be quoted on an Individual Case Basis.

### ***Section 3.5.3 Wavelength Services***

#### **RING SERVICES**

#### **INTEGRATED OPTICAL SERVICE**

The pricing structure for Verizon Integrated Optical Service is similar to that for SONET services. The billable elements for Verizon IOS services are Nodes, Riders, and Mileage. All are billed monthly. Nodes are the physical IOS nodes located in the Verizon CO or in a customer-designated premises. Riders are similar to SONET Ports and are the bandwidth channels allocated on the IOS ring. Mileage is the distance between nodes.

Installation charges are waived however in the event the state removes a service in the first 12 months, Verizon reserves the right to charge install charges.

Special construction charges are on a case by case basis and will vary depending upon location and amount of Network Build or special construction required for that specific project. Install charges will be identified and presented to the State for review and authorization prior to commencing the project.

As an additional pricing offer to the State, Term discounts may be available for on an ICB basis.

<b>IOS Point to Point Service</b>	
	<b>MRC</b>
Pt-Pt 1-Degree Node (Unprotected 8 Wave) 20 Mile Max	\$7,198
Pt-Pt 2-Degree Node (Protected 8 Wave, no SONET)	\$11,873
Pt-Pt 2-Degree Node (Protected 8 Wave, with SONET)	\$15,599
Pt-Pt 1-Degree Node (Unprotected 40/44 Wave)	\$9,260
Pt-Pt 1-Degree Node (Unprotected 88 Wave)	\$15,910
Pt-Pt 2-Degree Node (Protected 40/44 Wave)	\$17,753
Pt-Pt 2-Degree Node (Protected 88 Wave)	\$31,043
Standard IOS Node	\$8,765
3-Degree Node	\$11,637
4-Degree Node	\$14,509
5-Degree Node	\$17,380
6-Degree Node	\$20,252
7-Degree Node	\$23,124
8-Degree Node	\$25,995
Spur Node	\$8,765
<b>Mileage</b>	
IOS Mileage (Non PT to PT)	\$323

**Integrated Optical Service - Protected Riders (Unit MRC is Per Appearance. Two Appearances per Rider)**

MRC	
SONET OC3/3c	\$1,133
SONET OC12/12c	\$1,133
SONET OC48/48c	\$1,404
SONET OC192/192c	\$1,856
SONET OC3/3c w/Drop Side Protection	\$1,223
SONET OC12/12c w/Drop Side Protection	\$1,313
SONET OC48/48c w/Drop Side Protection	\$1,674
SONET OC192/192c w/Drop Side Protection	\$2,306
SONET OC768 w/Drop Side Protection	\$13,381
1Gbps Fibre Channel/FICON	\$1,369
2Gbps Fibre Channel/FICON	\$1,404
4Gbps Fibre Channel	\$1,898
10Gbps Fibre Channel/FICON	\$1,856
10M Ethernet	\$360
Fast Ethernet @ 50Mbps	\$360
Fast Ethernet @ 100Mbps	\$360
Gigabit Ethernet @ 50Mbps	\$1,369
Gigabit Ethernet @ 100Mbps	\$1,369
Gigabit Ethernet @ 150Mbps	\$1,369
Gigabit Ethernet @ 300Mbps	\$1,369
Gigabit Ethernet @ 450Mbps	\$1,369
Gigabit Ethernet @ 600Mbps	\$1,369
Gigabit Ethernet @ 1000Mbps	\$1,369
10Gbps Ethernet (LAN-PHY/WAN-PHY)	\$1,856
SDI Video 270Mbps (Tellabs ONLY)	\$1,133
High Definition Video 1.485Gbps (Tellabs ONLY)	\$1,369
40 Gbps Ethernet	\$15,364
100 Gbps Ethernet	\$33,800

**Integrated Optical Service - UnProtected Riders (Unit MRC is Per Appearance. Two Appearances per Rider)**

MRC	
SONET OC48/48c	\$678
SONET OC192/192c	\$878
SONET OC768	\$6,302
1Gbps Fibre Channel/FICON	\$660
2Gbps Fibre Channel/FICON	\$678
4Gbps Fibre Channel	\$1,364
10Gbps Fibre Channel/FICON	\$878
Gigabit Ethernet @ 1000Mbps	\$660
10Gbps Ethernet (LAN-PHY/WAN-PHY)	\$878
40 Gbps Ethernet	\$8,861
100 Gbps Ethernet	\$23,037

Notes:

Riders are only offered with term plans when connecting to off-net services such as High Capacity DS1/DS3, IBT/Custom Connet and EPL (VzON)

## POINT TO POINT SERVICES

### OPTICAL WAVE SERVICE (OWS)

The billing elements for Verizon OWS service are monthly costs for each Channel Termination.

Installation charges are on a case by case basis and will vary depending upon location and amount of Network Build required for that specific project. Install charges will be identified and presented to the State for review and authorization prior to commencing the project.

<b>OWS Point to Point Channel Terminations</b>	
	<b>MRC</b>
OWS Basic Unprotected Transparent OC48 Channel Termination	\$1,769.30
OWS Basic Unprotected Transparent OC192 Channel Termination	\$2,208.70
OWS Basic Unprotected 10Gigabit Ethernet LAN-PHY Channel Termination	\$1,713.00
OWS Basic Unprotected 10Gigabit Ethernet WAN-PHY Channel Termination	\$1,713.00
Basic Unprotected 100G Ethernet	\$4,000.00
OWS Premium Protected Transparent OC48 Channel Termination	\$2,687.10
OWS Premium Protected Transparent OC192 Channel Termination	\$3,360.25
OWS Premium Protected 10Gigabit Ethernet LAN-PHY Channel Termination	\$3,630.25
OWS Premium Protected 10Gigabit Ethernet WAN-PHY Channel Termination	\$3,630.25
OWS Premium Protected 100G Ethernet	\$16,686.80
OWS Premium Protected Transparent OC48 Channel Termination with Fiber Path Diversity	\$2,817.10
OWS Premium Protected Transparent OC192 Channel Termination with Fiber Path Diversity	\$3,760.25
OWS Premium Protected 10Gigabit Ethernet LAN-PHY Channel Termination with Fiber Path Diversity	\$3,760.25
OWS Premium Protected 10Gigabit Ethernet WAN-PHY Channel Termination with Fiber Path Diversity	\$3,760.25
Premium Protected 100G Ethernet with Fiber Path Diversity	\$6,400.00

OWS Point to Point Channel Terminations	
	MRC
Optical Edge Unprotected OC48	\$1,403.35
Optical Edge Unprotected OC192	\$1,818.70
Optical Edge Unprotected 10G Ethernet LAN-PHY	\$1,713.00
Optical Edge Unprotected 10G Ethernet WAN-PHY	\$1,713.00
Optical Edge Unprotected 100G Ethernet	\$4,000.00

OWS Point to Point Channel Mileage	
	MRC
Basic Unprotected Transparent OC48 - Fixed	\$0.00
Basic Unprotected Transparent OC48 - Variable	\$26.00
Basic Unprotected Transparent OC192 - Fixed	\$0.00
Basic Unprotected Transparent OC192 - Variable	\$42.25
Basic Unprotected 10G Ethernet LAN-PHY - Fixed	\$0.00
Basic Unprotected 10G Ethernet LAN-PHY - Variable	\$42.25
Basic Unprotected 10G Ethernet WAN-PHY - Fixed	\$0.00
Basic Unprotected 10G Ethernet WAN-PHY - Variable	\$42.25
Basic Unprotected 100G Ethernet - Fixed	\$0.00
Basic Unprotected 100G Ethernet - Variable	\$45.50
Premium Protected Transparent OC48 - Fixed	\$0.00
Premium Protected Transparent OC48 - Variable	\$52.00
Premium Protected Transparent OC192 - Fixed	\$0.00
Premium Protected Transparent OC192 - Variable	\$84.50
Premium Protected 10G Ethernet LAN-PHY - Fixed	\$0.00
Premium Protected 10G Ethernet LAN-PHY - Variable	\$84.50
Premium Protected 10G Ethernet WAN-PHY - Fixed	\$0.00
Premium Protected 10G Ethernet WAN-PHY - Variable	\$84.50
Premium Protected 100G Ethernet - Fixed	\$0.00
Premium Protected 100G Ethernet - Variable	\$91.00
Premium Protected with Fiber Path Diversity OC48 - Fixed	\$0.00
Premium Protected with Fiber Path Diversity OC48 - Variable	\$52.00
Premium Protected with Fiber Path Diversity Oc192 - Fixed	\$0.00
Premium Protected with Fiber Path Diversity OC192 - Variable	\$84.50
Premium Protected with Fiber Path Diversity 10G Ethernet LAN-PHY - Fixed	\$0.00
Premium Protected with Fiber Path Diversity 10G Ethernet LAN-PHY - Variable	\$84.50

Premium Protected with Fiber Path Diversity 10G Ethernet WAN-PHY - Fixed	\$0.00
Premium Protected with Fiber Path Diversity 10G Ethernet WAN-PHY - Variable	\$84.50
Premium Protected with Fiber Path Diversity 100G Ethernet - Fixed	\$0.00
Premium Protected with Fiber Path Diversity 100G Ethernet - Variable	\$91.00
Optical Edge Unprotected OC48 - Fixed	\$0.00
Optical Edge Unprotected OC48 - Variable	\$26.00
Optical Edge Unprotected OC192 - Fixed	\$0.00
Optical Edge Unprotected OC192 - Variable	\$42.25
Optical Edge 10G Ethernet LAN-PHY - Fixed	\$0.00
Optical Edge 10G Ethernet LAN-PHY - Variable	\$42.25
Optical Edge 10G Ethernet WAN-PHY - Fixed	\$0.00
Optical Edge 10G Ethernet WAN-PHY - Variable	\$42.25
Optical Edge Unprotected 100G Ethernet - Fixed	\$0.00
Optical Edge Unprotected 100G Ethernet - Variable	\$45.50

**Note 1:** The mileage quantity listed in the table above is an estimate only. Mileage charges, if any, will be based on actual mileage quantity. There is no charge for miles below 20, each mile over 20 mile will be charged at the above rates.

## US Wavelength Service

US Wavelength is an interLATA point to point Wavelength. All US Wavelength service pricing is ICB.

## Customer Controlled Provisioning

A custom solution that provides options for any of these pain points: Agile service delivery of 1G or 10G circuits with no penalty for early termination, end-to-end protection with the highest network availability SLA, Layer 1 encryption and lower cost per bit compared to Nx10G services.

All Customer Controlled Provisioning is available to the State on an Individual Case Basis (ICB).



**Applicable Taxes and Surcharges**

All applicable taxes shall be billed and paid, unless customer is exempt by law and submits the required documents evidencing that it is exempt by applicable law from such tax.

Governmental Surcharges (defined below) shall also be charged in accordance with the applicable law, regulation, tariff, or Guide provisions now or hereafter in effect, whether or not listed below. Governmental Surcharges (also referred to herein as "surcharges") shall mean rates and charges billed in order to recover Amounts Verizon is or becomes required or permitted under applicable law or by governmental or quasi-governmental authorities to collect from customer and/or to pay to others in accordance with statutory or regulatory programs. Surcharges are subject to change in order to conform to changes in the applicable law, regulation, tariff or Guide provisions.

For interLATA circuits the State must certify that less than 10% of the traffic over this circuit would Eventually terminate out of state. In this case, no current surcharges apply.

For Interstate circuits (and intraLATA circuits where more than 10% of traffic will terminate out of State), the following surcharges would currently apply. Rates provided are the current rates and may change as directed by the appropriate governmental authority.

FUSF 29%

Carrier Cost Recovery Charge 2.84%

Administrative Expense Fee 0.38%

Carrier Annual Regulatory Charge 0.75%

## **Section 3.5.4 Dark Fiber**

### **DARK FIBER**

Because any Dark Fiber request is a custom solution, upon award Verizon will assemble a team of technical engineers and project managers to review with SONJ staff all design aspects required to determine an optimal solution. Depending upon SONJ's requirements, changes to the design shown may be required. Verizon will develop technical documentation that outlines all required aspects of the proposed solution including adherence to all industry standards and operating parameters.

Dark Fiber Solutions are all custom, pricing will be quoted on an Individual Case Basis (ICB).

## ***Section 3.6 – Internet Services***

Verizon has provided the pricing table below for Internet Dedicated, Internet dedicated Burstable and Broadband Fiber to the Internet Services.

### **MONTHLY CHARGES are made up of:**

Local Access – Found in Section 3.4.2 for ethernet services

Port Charges Listed Below

\*Applicable Taxes and Surcharges (see below for details)

### **Internet Dedicated and Burstable**

Installation will be waived, however Verizon reserves the right to charge an installation charge if the service is disconnected within the first 12 months of service.

VERIZON INTERNET DEDICATED PORT PRICING  
Ethernet

IP Port Type/Speed	NRC	MRC
3M	\$0	\$61
5M	\$0	\$61
10M	\$0	\$64
20M	\$0	\$64
30M	\$0	\$70
40M	\$0	\$78
50M	\$0	\$80
100M	\$0	\$144
200M	\$0	\$200
300M	\$0	\$206
400M	\$0	\$212
500M	\$0	\$218
600M	\$0	\$224
700M	\$0	\$230
1G	\$0	\$236
1.5 Gbps	\$0	\$354
2 Gbps	\$0	\$472
2.5 Gbps	\$0	\$590
3 Gbps	\$0	\$708
4 Gbps	\$0	\$944
5 Gbps	\$0	\$1,050
6 Gbps	\$0	\$1,400
7 Gbps	\$0	\$1,400
8 Gbps	\$0	\$1,400
10 Gbps	\$0	\$1,400
20 Gbps	\$0	\$2,800
30 Gbps	\$0	\$4,200
40 Gbps	\$0	\$5,250
50 Gbps	\$0	\$6,300
60 Gbps	\$0	\$7,350
70 Gbps	\$0	\$8,400
80 Gbps	\$0	\$9,450
100 Gbps	\$0	\$11,550

VERIZON INTERNET DEDICATED Burstable Select Service Ethernet

Committed Bandwidth	Max Bandwidth	MRC	Overage Charge
2 Mbps	10 Mbps	\$65.00	\$32.50
4 Mbps	10 Mbps	\$67.00	\$16.75
5 Mbps	50 Mbps	\$67.00	\$13.40
10 Mbps	50 Mbps	\$70.00	\$7.90
10 Mbps	100 Mbps	\$70.00	\$7.00
20 Mbps	100 Mbps	\$70.00	\$3.50
30 Mbps	50 Mbps	\$77.00	\$2.57
30 Mbps	100 Mbps	\$77.00	\$2.57
40 Mbps	100 Mbps	\$86.00	\$2.15
50 Mbps	100 Mbps	\$88.00	\$1.76
100 Mbps	600 Mbps	\$158.00	\$1.58
100 Mbps	1 Gbps	\$158.00	\$1.58
100 Mbps	10 Gbps	\$158.00	\$1.58
200 Mbps	600 Mbps	\$220.00	\$1.10
200 Mbps	1 Gbps	\$220.00	\$1.10
200 Mbps	10 Gbps	\$220.00	\$1.10
300 Mbps	600 Mbps	\$227.00	\$0.76
300 Mbps	1 Gbps	\$227.00	\$0.76
300 Mbps	10 Gbps	\$227.00	\$0.76
400 Mbps	1 Gbps	\$233.00	\$0.58
400 Mbps	10 Gbps	\$233.00	\$0.58
500 Mbps	600 Mbps	\$240.00	\$0.48
500 Mbps	1 Gbps	\$240.00	\$0.48
500 Mbps	10 Gbps	\$240.00	\$0.48
600 Mbps	1 Gbps	\$246.00	\$0.41
1 Gbps	10 Gbps	\$260.00	\$0.26
1.5 Gbps	10 Gbps	\$389.00	\$0.26
2 Gbps	10 Gbps	\$519.00	\$0.26
2.5 Gbps	10 Gbps	\$649.00	\$0.26
3 Gbps	10 Gbps	\$779.00	\$0.26
3.5 Gbps	10 Gbps	\$909.00	\$0.26
4 Gbps	10 Gbps	\$1,038.00	\$0.26
4.5 Gbps	10 Gbps	\$1,097.00	\$0.24
5 Gbps	10 Gbps	\$1,155.00	\$0.23
5.5 Gbps	10 Gbps	\$1,348.00	\$0.25
6 Gbps	10 Gbps	\$1,540.00	\$0.26
6.5 Gbps	10 Gbps	\$1,540.00	\$0.24
7 Gbps	10 Gbps	\$1,540.00	\$0.22
7.5 Gbps	10 Gbps	\$1,540.00	\$0.21
8 Gbps	10 Gbps	\$1,540.00	\$0.19
9 Gbps	10 Gbps	\$2,124.00	\$0.24
10 Gbps	100 Gbps	\$1,540.00	\$0.15
20 Gbps	100 Gbps	\$3,080.00	\$0.15
30 Gbps	100 Gbps	\$4,620.00	\$0.15
40 Gbps	100 Gbps	\$5,775.00	\$0.14
50 Gbps	100 Gbps	\$6,930.00	\$0.14
60 Gbps	100 Gbps	\$8,085.00	\$0.13
70 Gbps	100 Gbps	\$9,240.00	\$0.13
80 Gbps	100 Gbps	\$9,818.00	\$0.12

Pricing Plan	Burstable Aggregate Overage Mbps (Max of Tier)	Per Mbps
Burstable Aggregation	1	\$3.10
Burstable Aggregation	100	\$2.08
Burstable Aggregation	500	\$0.48
Burstable Aggregation	1000	\$0.26
Burstable Aggregation	5000	\$0.26
Burstable Aggregation	10000	\$0.24

#### VERIZON INTERNET DEDICATED QoS FEATURES Ethernet

Circuit Bandwidth	Start Up Fee	MRC
1M to 10M	\$200	\$39.60
15-50M	\$300	\$58.80
60M-100M	\$500	\$98.40
150M-600M	\$500	\$146.40
700M-1G	\$500	\$224.40
GigE Port Only (All Speeds)	\$500	\$224.40
10G and above	ICB	ICB

#### VERIZON DEDICATED INTERNET SERVICE ADDITIONAL CHARGES

IP Port	Description	Charge
All	Administrative Change – Per Change	\$60
All	Cancellation of Service Order – Per Port	\$800
All	Expedite -Per Port	\$1,000
All	After Hours Installation -Per Port	\$1,000
All	Pending Order Change -Per Order	\$60
All	Physical Change – Per order	\$60
All	Reconfiguration – Per Port	\$300

#### Applicable Taxes and Surcharges

All applicable taxes shall be billed and paid, unless customer is exempt by law and submits the required documents evidencing that it is exempt by applicable law from such tax.

Governmental Surcharges (defined below) shall also be charged in accordance with the applicable law, regulation, tariff, or Guide provisions now or hereafter in effect, whether or not listed below. Governmental Surcharges (also referred to herein as “surcharges”) shall mean rates and charges billed in order to recover Amounts Verizon is or becomes required or permitted under applicable law or by governmental or quasi-governmental authorities to collect from customer and/or to pay to others in accordance with statutory or regulatory programs. Surcharges are subject to change in order to conform to changes in the applicable law, regulation, tariff or Guide provisions.

For interLATA circuits the State must certify that less than 10% of the traffic over this circuit would eventually terminate out of state. In this case, no current surcharges apply.

For Interstate circuits (and intraLATA circuits where more than 10% of traffic will terminate out of State), the following surcharges would currently apply. Rates provided are the current rates and may change as directed by the appropriate governmental authority.

FUSF 29%

Carrier Cost Recovery Charge 2.84%

Administrative Expense Fee 0.38%

Carrier Annual Regulatory Charge 0.75%

## Broadband FTTI (Fiber to the Internet) Pricing:

Broadband Fiber to the Internet		
Access Speed	MRC Pricing	NRC Pricing
150 MBPS	\$62.00	\$0
500 MBPS	\$109.00	\$0
1 GB	\$199.00	\$0

Feature	Description	MRC Charge
Static IP	1 Static IP Address	\$20
Static IP	5 Static IP Address Bundle	\$40

- Rates Applicable in Fios markets only, where facilities are available
- "AS IS" service, Intended for Non-critical applications only without Mean Time To Repair or other Service Level Performance Requirements
- Subject to Special Construction charges if applicable
- Ordering and ticketing support personnel may be located offshore for this service. Based on the requirements of section 3.6 of the State of NJ Standard Terms and Conditions, please provide a waiver for this offshore support of this service
- Broadband FTTI will meet State of NJ billing requirements

Please see "Broadband (FTTI-Fiber to the Internet)" Service attachment for additional service details

## ***Pricelists for Section 3.7 – Managed, Professional, and Security Services***

### **PROFESSIONAL SERVICES PRICING TABLE**

Professional Services may be required for Design, Policy Review, Takeover, Migration, Configuration, Implementation, Training, etc. Verizon Professional Services are based on an hourly rate structure as listed in the pricing table.

Services will be scoped on a per project/engagement basis by Verizon and a Statement of Work will be developed identifying the scope, resources, hours and charges for the specific engagement. The pricing table below lists the hourly rates for professional services based on the Security practice area, competency and resource role.

Practice	Role	Hourly Rate
Governance Risk and Compliance	Associate Consultant	\$203.00
Governance Risk and Compliance	Consultant	\$246.50
Governance Risk and Compliance	Sr. Consultant	\$290.00
Governance Risk and Compliance	Exec. Consultant	\$290.00
Governance Risk and Compliance	Principal	\$330.00
Governance Risk and Compliance	Program Manager	\$246.50
Governance Risk and Compliance	Project Manager	\$246.50



Practice	Role	Hourly Rate
PCI	Associate Consultant	\$203.00
PCI	Consultant	\$246.50
PCI	Sr. Consultant	\$290.00
PCI	Exec. Consultant	\$290.00
PCI	Principal	\$330.00
PCI	Program Manager	\$246.50
PCI	Project Manager	\$246.50
Risk Services	Associate Consultant	\$175.00
Risk Services	Consultant	\$255.00
Risk Services	Sr. Consultant	\$325.00
Risk Services	Exec. Consultant	\$350.00
Risk Services	Principal	\$400.00
Risk Services	Program Manager	\$306.00
Risk Services	Project Manager	\$272.00
Security ICSA Labs	Associate Consultant	\$176.00
Security ICSA Labs	Consultant	\$240.00
Security ICSA Labs	Sr. Consultant	\$260.00
Security ICSA Labs	Exec. Consultant	\$290.00
Security ICSA Labs	Principal	\$320.00
Security ICSA Labs	Program Manager	\$240.00
Security ICSA Labs	Project Manager	\$210.00
Security Infrastructure	Associate Consultant	\$176.00
Security Infrastructure	Consultant	\$240.00
Security Infrastructure	Sr. Consultant	\$260.00
Security Infrastructure	Exec. Consultant	\$290.00
Security Infrastructure	Principal	\$320.00
Security Infrastructure	Program Manager	\$240.00
Security Infrastructure	Project Manager	\$210.00
Threat and Vulnerability Mgmt	Associate Consultant	\$175.00
Threat and Vulnerability Mgmt	Consultant	\$255.00
Threat and Vulnerability Mgmt	Sr. Consultant	\$325.00
Threat and Vulnerability Mgmt	Exec. Consultant	\$350.00
Threat and Vulnerability Mgmt	Principal	\$400.00
Threat and Vulnerability Mgmt	Program Manager	\$306.00
Threat and Vulnerability Mgmt	Project Manager	\$272.00
Cloud and IT Services	Principal	\$285.00
Cloud and IT Services	Sr. Consultant	\$240.00
Cloud and IT Services	Consultant	\$195.00
Cloud and IT Services	Project Manager	\$195.00
Adv Network Infrastructure	Principal	\$285.00
Adv Network Infrastructure	Sr. Consultant	\$240.00
Adv Network Infrastructure	Consultant	\$195.00
Adv Network Infrastructure	Project Manager	\$195.00

## Rapid Response Retainer

Verizon's Rapid Response Retainer (v7) helps organizations responsibly and holistically secure the data and infrastructures that connect the networks that move their organization forward with proactive incident response capabilities customized to their cyber risk profile. This approach allows organizations to proactively manage risk, augment their incident response capabilities, and effectually manage costs when confronted with an escalated cyber incident or breach.

Core Package	Description	Price
Rapid Response Retainer – 12 months	12 month core package	\$30,000.00
Rapid Response Retainer – 24 months	24 month core package	\$57,000.00
Rapid Response Retainer – 36 months	36 month core package	\$81,000.00
Add-On Capabilities		
	Description	Price
100 VTRAC Service Hours (Prepaid)	100 prepaid security consulting support hours	\$32,500.00
Dark Web Hunting – 12 months	12 mo – Dark Web Hunting w/15 priority findings	\$32,000.00
Dark Web Hunting – 5 additional priority findings – 12 months	12 mo – 5 additional findings	\$11,900.00
Backbone Netflow Collection – 12 months	12 mo – collection of client netflow data on Verizon backbone	\$10,000.00
Network Telemetry Analysis – option 1 w/setup – 12 months	12 mo w/ setup – 0–2,500 employees w/ 2 sensors / 25 Mbps + monthly assessment (25hr/mo)	\$135,000.00
Network Telemetry Analysis – option 2 w/setup – 12 months	12 mo w/ setup – 2,501-10,000 employees w/ 2 sensors / 50 Mbps + monthly assessment (30hr/mo)	\$178,000.00
Network Telemetry Analysis – option 3 w/setup – 12 months	12 mo w/ setup – 10,001–50,000 employees w/ 2 sensors/100 Mbps + monthly assessment (30hr/mo)	\$223,000.00
Network Telemetry Analysis – option 4 w/setup – 12 months	12 mo w/ setup – > 50,000 employees w/ 2 sensors/ 500 Mbps + monthly assessment (40hr/mo)	\$649,000.00
Network Telemetry Analysis – 1 additional sensor – 12 months	1 additional Network Sensor for 12 months	\$10,500.00
Endpoint Telemetry Analysis – 5,000 endpoint minimum w/setup – 12 months	12 mo w/setup – Tanium 5,000 end points (base package) + monthly assessment (25hr/mo)	\$263,000.00
Endpoint Telemetry Analysis – 10,000 endpoint w/setup – 12 months	12 mo w/setup – Tanium 10,000 end points + monthly assessment (25hr/mo)	\$418,000.00
Endpoint Telemetry Analysis – 20,000 endpoint w/setup – 12 months	12 mo w/setup – Tanium 20,000 end points + monthly assessment (35hr/mo)	\$764,000.00
Endpoint Telemetry Analysis – 50,000 endpoint w/setup – 12 months	12 mo w/setup – Tanium 50,000 end points + monthly assessment (45hr/mo)**	ICB
Endpoint Telemetry Analysis – 1,000 additional endpoints – 12 months	12 mo – Additional 1,000 endpoints	\$31,000.00
Security Consulting Rates		
Principal Consultant (T&M) – VTRAC	Time and material hourly rate.	\$375.00
Sr. Consultant (T&M) – GRC	Time and material hourly rate.	\$290.00
Sr. Consultant (T&M) – Network Security consulting	Time and material hourly rate.	\$260.00
Sr. Consultant (T&M) – T&V	Time and material hourly rate.	\$310.00
Sr. Consultant (T&M) – Payment Security Programs	Time and material hourly rate.	\$290.00
Rapid Response Retainer Professional Services		
Payment Card Industry Consulting	SOW to be completed and offered based on scoping	ICB
Application Vulnerability Assessment	SOW to be completed and offered based on scoping	ICB
Internal Network Penetration Testing	SOW to be completed and offered based on scoping	ICB
Wireless Vulnerability Assessment	SOW to be completed and offered based on scoping	ICB

\*\*Anything over 50,000 endpoints requires custom scoping and will be ICB.

## DDOS SHIELD

Verizon's DDoS Shield is a managed, cloud-based, service designed to monitor inbound IP traffic volumes and, when necessary, intercept and remove significant amounts of malicious DDoS traffic targeting a Customer's internet connected network

FEATURE	Package	Premium Support	Mitigation Method	Recurring PRICE
DDoS Shield	50 Mbps	No premium support	Customer Triggered	3,000.00
DDoS Shield	100 Mbps	No premium support	Customer Triggered	4,040.00
DDoS Shield	500 Mbps	No premium support	Customer Triggered	6,000.00
DDoS Shield	1000 Mbps	No premium support	Customer Triggered	10,625.00
DDoS Shield	2000 Mbps	No premium support	Customer Triggered	13,600.00
DDoS Shield	5000 Mbps	No premium support	Customer Triggered	16,600.00
DDoS Shield	10000 Mbps	No premium support	Customer Triggered	20,400.00

FEATURE	Additional Returns	Recurring PRICE
Additional Returns	1	700.00
Additional Returns	10	7,000.00
Additional Returns	11	7,700.00
Additional Returns	12	8,400.00
Additional Returns	13	9,100.00
Additional Returns	14	9,800.00
Additional Returns	15	10,500.00
Additional Returns	16	11,200.00
Additional Returns	17	11,900.00
Additional Returns	18	12,600.00
Additional Returns	19	13,300.00
Additional Returns	2	1,400.00
Additional Returns	20	14,000.00
Additional Returns	3	2,100.00
Additional Returns	4	2,800.00
Additional Returns	5	3,500.00
Additional Returns	6	4,200.00
Additional Returns	7	4,900.00
Additional Returns	8	5,600.00
Additional Returns	9	6,300.00

FEATURE	Bandwidth	Recurring PRICE
Always Routed	100 Mbps	7,125.00
Always Routed	1000 Mbps	18,750.00
Always Routed	2000 Mbps	24,000.00
Always Routed	50 Mbps	5,250.00
Always Routed	500 Mbps	10,500.00
Always Routed	5000 Mbps	29,250.00

FEATURE	PRICE	CHARGE TYPE
Expedite Install	10,000.00	Non-Recurring

## MANAGED WAN SERVICES

FEATURE	Level of Service	Size of Device	MRC PRICE	NRC
Router Management	Full	X-Small	\$30.00	\$529.00
Router Management	Full	Small	\$40.00	\$588.00
Router Management	Full	Medium	\$50.00	\$676.00
Router Management	Full	Large	\$75.00	\$918.00
Router Management	Full	X-Large	\$140.00	\$1,177.00
Router Management	Monitor and Notify	X-Small	\$25.00	\$529.00
Router Management	Monitor and Notify	Small	\$25.00	\$588.00
Router Management	Monitor and Notify	Medium	\$25.00	\$676.00
Router Management	Monitor and Notify	Large	\$25.00	\$918.00
Router Management	Monitor and Notify	X-Large	\$25.00	\$1,177.00
Router Management	Physical	X-Small	\$30.00	\$529.00
Router Management	Physical	Small	\$40.00	\$588.00
Router Management	Physical	Medium	\$50.00	\$676.00
Router Management	Physical	Large	\$75.00	\$918.00
Router Management	Physical	X-Large	\$140.00	\$1,177.00

FEATURE	Level of Service	Size of Device	MRC PRICE	NRC PRICE
Application Aware Routing	Full	X-Small	\$25.00	\$150.00
Application Aware Routing	Full	Small	\$25.00	\$150.00
Application Aware Routing	Full	Medium	\$25.00	\$150.00
Application Aware Routing	Full	Large	\$25.00	\$150.00
Application Aware Routing	Full	X-Large	\$25.00	\$150.00

FEATURE	Level of Service	Size of Device	MRC PRICE	NRC PRICE
Wireless LAN Controller Management	Full	X-Small	25.00	882.00
Wireless LAN Controller Management	Full	Small	25.00	882.00
Wireless LAN Controller Management	Full	Medium	40.00	1,471.00
Wireless LAN Controller Management	Full	Large	40.00	2,059.00
Wireless LAN Controller Management	Full	X-Large	ICB	ICB

FEATURE	Level of Service	Size of Device	MRC PRICE	NRC PRICE
Switching	Full	X-Small	24.00	125.00
Switching	Full	Small	35.00	125.00
Switching	Full	Medium	50.00	125.00
Switching	Full	Large	80.00	125.00
Switching	Full	X-Large	175.00	125.00

FEATURE	Level of Service	Size of Device	MRC PRICE	NRC PRICE
Content Filtering	Full	X-Small	5.00	125.00
Content Filtering	Full	Small	10.00	125.00
Content Filtering	Full	Medium	15.00	125.00
Content Filtering	Full	Large	25.00	125.00

FEATURE	Level of Service	Size of Device	MRC PRICE	NRC PRICE
Firewall	Full	X-Small	35.00	125.00
Firewall	Full	Small	50.00	125.00
Firewall	Full	Medium	70.00	125.00
Firewall	Full	Large	120.00	125.00

FEATURE	Level of Service	Size of Device	MRC PRICE	NRC PRICE
Intrusion Prevention	Full	X-Small	20.00	125.00
Intrusion Prevention	Full	Small	40.00	125.00
Intrusion Prevention	Full	Medium	50.00	125.00
Intrusion Prevention	Full	Large	80.00	125.00

FEATURE	Level of Service	Size of Device	MRC PRICE	NRC PRICE
Encryption	N/A	X-Small	5.00	125.00
Encryption	N/A	Small	10.00	125.00
Encryption	N/A	Medium	15.00	125.00
Encryption	N/A	Large	25.00	125.00

FEATURE	Level of Service	Size of Device	MRC PRICE	NRC PRICE
Multi-Service IP to IP Gateway	Full	X-Small	30.00	1,050.00
Multi-Service IP to IP Gateway	Full	Small	30.00	1,050.00
Multi-Service IP to IP Gateway	Full	Medium	30.00	1,050.00
Multi-Service IP to IP Gateway	Full	Large	30.00	1,050.00
Multi-Service IP to IP Gateway	Full	X-Large	30.00	1,050.00

FEATURE	Level of Service	Size of Device	MRC PRICE	NRC PRICE
Voice Gateway	Full	Small	30.00	350.00
Voice Gateway	Full	Medium	30.00	350.00
Voice Gateway	Full	Large	30.00	350.00
Voice Gateway	Full	X-Large	30.00	350.00

FEATURE	Level of Service	Size of Device	MRC PRICE	NRC PRICE
WAN Acceleration	Full	X-Small	75.00	250.00
WAN Acceleration	Full	Small	106.00	250.00
WAN Acceleration	Full	Medium	129.50	250.00
WAN Acceleration	Full	Large	190.00	250.00
WAN Acceleration	Full	X-Large	530.00	250.00

FEATURE	Level of Service	Size of Device	MRC PRICE	NRC PRICE
WAN Backup Service	Co Management	X-Small	10.00	125.00
WAN Backup Service	Co Management	Small	15.00	125.00
WAN Backup Service	Co Management	Medium	25.00	125.00
WAN Backup Service	Co Management	Large	40.00	125.00
WAN Backup Service	Full	X-Small	10.00	125.00
WAN Backup Service	Full	Small	15.00	125.00
WAN Backup Service	Full	Medium	25.00	125.00
WAN Backup Service	Full	Large	40.00	125.00

FEATURE	Level of Service	Size of Device	MRC PRICE	NRC PRICE
Cloud-Controlled Routing	Full	X-Small	95.00	0.00
Cloud-Controlled Routing	Full	Small	95.00	0.00
Cloud-Controlled Routing	Full	Medium	130.00	0.00
Cloud-Controlled Routing	Full	Large	175.00	0.00
Cloud-Controlled Routing	Monitor and Notify	X-Small	75.00	0.00
Cloud-Controlled Routing	Monitor and Notify	Small	75.00	0.00
Cloud-Controlled Routing	Monitor and Notify	Medium	75.00	0.00
Cloud-Controlled Routing	Monitor and Notify	Large	75.00	0.00
Cloud-Controlled Routing	Physical	X-Small	86.00	0.00
Cloud-Controlled Routing	Physical	Small	86.00	0.00
Cloud-Controlled Routing	Physical	Medium	117.00	0.00
Cloud-Controlled Routing	Physical	Large	158.00	0.00

FEATURE	Level of Service	Size of Device	MRC PRICE	NRC PRICE
Lightweight Access Point Management	Full	X-Small	6.00	176.00
Lightweight Access Point Management	Full	Small	6.00	176.00
Lightweight Access Point Management	Full	Medium	6.00	176.00
Lightweight Access Point Management	Full	Large	6.00	176.00
Lightweight Access Point Management	Full	X-Large	6.00	176.00
Lightweight Access Point Management	Monitor and Notify	X-Small	6.00	176.00
Lightweight Access Point Management	Monitor and Notify	Small	6.00	176.00
Lightweight Access Point Management	Monitor and Notify	Medium	6.00	176.00
Lightweight Access Point Management	Monitor and Notify	Large	6.00	176.00

Lightweight Access Point Management	Monitor and Notify	X-Large	6.00	176.00
Lightweight Access Point Management	Physical	X-Small	6.00	176.00
Lightweight Access Point Management	Physical	Small	6.00	176.00
Lightweight Access Point Management	Physical	Medium	6.00	176.00
Lightweight Access Point Management	Physical	Large	6.00	176.00
Lightweight Access Point Management	Physical	X-Large	6.00	176.00

FEATURE	Level of Service	PRICE	CHARGE TYPE
Network Analysis	Full	50.00	Non-Recurring
Network Analysis	Full	80.00	Recurring
Analog VoIP Gateway	Full	550.00	Non-Recurring
Analog VoIP Gateway	Full	50.00	Recurring

FEATURE	PRICE	CHARGE TYPE
Change Fee: After Hours Charge	\$600.00	Non-Recurring
Change Fee: Design	\$250.00	Non-Recurring
Change Fee: Design Plus	\$400.00	Non-Recurring
Change Fee: Implementation	\$50.00	Non-Recurring
Expedite	\$1,100.00	Non-Recurring
Generic Dispatch Charge	\$300.00	Non-Recurring

FEATURE	PRICE	CHARGE TYPE
Virtual Host Management	0.00	Recurring

FEATURE	Size of Device	MRC PRICE	NRC PRICE
Network Engineering	X-Small	70.00	50.00
Network Engineering	Small	110.00	50.00
Network Engineering	Medium	130.00	50.00
Network Engineering	Large	160.00	50.00

FEATURE	OOB Provided By	MRC PRICE	NRC PRICE
Wireless OOB	Customer	0.00	0.00
Wireless OOB	Verizon	25.00	125.00

FEATURE	Level of Service	Size of Device	Device Type	MRC PRICE	NRC PRICE
Device Management	Full	Small	Cellular Appliance	12.00	0.00
Device Management	Physical	Small	Cellular Appliance	9.00	0.00

FEATURE	PRICE	CHARGE TYPE
Engineering - 1 Hour	300.00	Non-Recurring
Engineering - 5 Hours	1,375.00	Non-Recurring
Engineering - 10 Hours	2,500.00	Non-Recurring
Engineering - 20 Hours	4,500.00	Non-Recurring
Engineering - 40 Hours	8,000.00	Non-Recurring

FEATURE	PRICE	CHARGE TYPE
Satellite Device Management	0.00	Non-Recurring

FEATURE	PRICE	CHARGE TYPE
Satellite Device Management	30.00	Recurring



## SD WAN

FEATURE	Level of Service	Size of Device	License Bandwidth
SD WAN	Co Management	X-Small Small Medium	Customer Provided Advantage 10 Mbps - 2.5 GBPS Advantage Tier 0 -Tier 3 Essentials 10 Mbps -2.5 Gbps Essentials Tier 0 – Tier 3 Premier 10 Mbps – 2.5 Gbps
SD WAN	Full	X-Small Small Medium Large	Customer Provided Advantage 10 Mbps - 10 GBPS Advantage Tier 0 -Tier 3 Enterprise 10Mbps – 10 Gbps Essentials 10 Mbps -2.5 Gbps Essentials Tier 0 – Tier 3 Premier 10 Mbps – 10 Gbps Premium 10 Mbps – 10 Gbps
SD WAN	Monitor and Notify	X-Small Small Medium	Customer Provided Advantage 10 Mbps - 10 GBPS Advantage Tier 0 -Tier 3 Enterprise 10Mbps – 1 Gbps Essentials 10 Mbps -2.5 Gbps Essentials Tier 0 – Tier 3 Premier 10 Mbps – 1 Gbps Premium 10 Mbps – 1 Gbps
SD WAN	Physical	X-Small Small Medium	Customer Provided Advantage 10 Mbps - 10 GBPS Advantage Tier 0 -Tier 3 Enterprise 10Mbps – 1 Gbps Essentials 10 Mbps -2.5 Gbps Essentials Tier 0 – Tier 3 Premier 10 Mbps – 1 Gbps Premium 10 Mbps – 1 Gbps
SD WAN with WAN Optimization	Full	XX-Small X-Small Small Medium Large X-Large	Enterprise 20mbps – 10GBps

\*Based on the highly customizable options of this product, an SOW will be developed and reviewed with the State on an Individual Case Basis

\*\*As an additional value added offering to the State, Verizon will offer a Managed version of SDWan. This Managed SDWAN is developed as a custom engagement based on client needs, additional packages and scoping will be required. A SOW will be developed and reviewed with the State on an Individual Case Basis

## Network As A Service

Network as a Service incorporates the Verizon SD-WAN Solutions into fully managed bundles that can be further defined by Site type (Extra Small, Small, Medium, Large, Highly Available). Each Site Type comprises various core solution bundle service elements and optional services.

	Highly Available	Large	Medium	Small / Extra Small
Transport A	Verizon: Private IP, Internet Dedicated, Ethernet, Dedicated Eline, Switched Eline, Switched ELAN Potential 3rd Party Provider	Verizon: Private IP, Internet Dedicated, Ethernet, Dedicated Eline, Switched Eline, Switched ELAN, Potential 3rd Party Provider	Verizon: Private IP, Internet Dedicated, Ethernet, Dedicated Eline, Switched Eline, Switched ELAN, Broadband (FTTI and Wireless), Potential 3rd Party Provider	Verizon: Private IP, Internet Dedicated, Ethernet, Dedicated Eline, Switched Eline, Switched ELAN, Broadband (FTTI and Wireless), Potential 3rd Party Provider
Transport B	Verizon: Private IP, Internet Dedicated, Ethernet, Dedicated Eline, Switched Eline, Switched ELAN Potential 3rd Party Provider	Verizon: Private IP, Internet Dedicated, Ethernet, Dedicated Eline, Switched Eline, Switched ELAN, Potential 3rd Party Provider	Verizon: Private IP, Internet Dedicated, Ethernet, Dedicated Eline, Switched Eline, Switched ELAN, Broadband (FTTI and Wireless), Potential 3rd Party Provider	Verizon: Private IP, Internet Dedicated, Ethernet, Dedicated Eline, Switched Eline, Switched ELAN, Broadband (FTTI and Wireless), Potential 3rd Party Provider
Network Feature	SD WAN, SDSB	SD WAN, SDSB	SD WAN, SDSB	Routing
Redundant Network CPE?	Yes, 2 configured	Yes, 2	No	No
	for high availability			
Optional elements : Managed local Area Network/ Managed Wireless Local Area Network, Local Managed WAN Optimization				

\*Based on the highly customizable options of this product, an SOW will be developed and reviewed with the State on an Individual Case Basis

## Software Defined Secure Branch

FEATURE	Level of Service	Size of Device	License Bandwidth
Software Defined Secure Branch	Co Management Full Monitor and Notify Physical	X-Small – X-Large	Adv SD WAN + Adv NG FW 10Mbps-10Gbps
Software Defined Secure Branch	Co Management Full Monitor and Notify Physical	X-Small – X-Large	Adv Routing + Adv NG FW 10Mbps-10Gbps
Software Defined Secure Branch	Co Management Full Monitor and Notify Physical	X-Small – X-Large	Adv Routing 20Mbps-10Gbps
Software Defined Secure Branch	Co Management Full Monitor and Notify Physical	X-Small – X-Large	Adv SDWAN 20Mbps-10Gbps
Software Defined Secure Branch	Co Management Full Monitor and Notify Physical	X-Small – X-Large	Secure Routing
Software Defined Secure Branch	Co Management Full Monitor and Notify Physical	X-Small – X-Large	SD WAN
Software Defined Secure Branch	Co Management Full Monitor and Notify Physical	X-Small – X-Large	Routing + Std FW 100Mbps – 10Gbps

As Software Defined Secure Branch is developed as a custom engagement based on client needs, additional packages and SOWs may be develop for further discounting on an Individual Case Basis

## MANAGED LAN

As an enhancement available to current Managed WAN (wide area network) customers, Managed LAN (MLAN) extends Managed Network Services capabilities beyond the WAN router to the LAN switch. This comprehensive LAN switch management solution enables customers to leverage our technical expertise in design, planning, implementation, and network management and improves service continuity between the LAN and WAN environments as Verizon can gain complete visibility into the network.

FEATURE	Level of Service	Size of Device	MRC PRICE	NRC PRICE
Switch Management	Full	Small	20.00	300.00
Switch Management	Full	Medium	25.00	364.00
Switch Management	Full	Large	40.00	941.00
Switch Management	Full	X-Large	55.00	ICB
Switch Management	Monitor and Notify	Small	20.00	300.00
Switch Management	Monitor and Notify	Medium	20.00	364.00
Switch Management	Monitor and Notify	Large	20.00	941.00
Switch Management	Monitor and Notify	X-Large	20.00	ICB
Switch Management	Physical	Small	20.00	300.00
Switch Management	Physical	Medium	25.00	364.00
Switch Management	Physical	Large	40.00	941.00
Switch Management	Physical	X-Large	55.00	ICB

FEATURE	Level of Service	Size of Device	MRC Price	NRC PRICE
Routing	Full	X-Small	60.00	125.00
Routing	Full	Small	80.00	125.00
Routing	Full	Medium	100.00	125.00
Routing	Full	Large	170.00	125.00
Routing	Full	X-Large	300.00	125.00

FEATURE	Level of Service	Contract Term	MRC Price	NRC PRICE
Cloud-Controlled Camera	Full	12 Months	20.00	150.00
Cloud-Controlled Camera	Full	24 Months	20.00	100.00
Cloud-Controlled Camera	Full	36 Months	20.00	50.00
Cloud-Controlled Camera	Full	48 Months	20.00	50.00
Cloud-Controlled Camera	Full	60 Months	20.00	50.00
Cloud-Controlled Camera	Full	72 Months	20.00	50.00
Cloud-Controlled Camera	Full	84 Months	20.00	50.00
Cloud-Controlled Camera	Monitor and Notify	12 Months	13.00	150.00
Cloud-Controlled Camera	Monitor and Notify	24 Months	13.00	100.00
Cloud-Controlled Camera	Monitor and Notify	36 Months	13.00	50.00
Cloud-Controlled Camera	Monitor and Notify	48 Months	13.00	50.00
Cloud-Controlled Camera	Monitor and Notify	60 Months	13.00	50.00
Cloud-Controlled Camera	Monitor and Notify	72 Months	13.00	50.00
Cloud-Controlled Camera	Monitor and Notify	84 Months	13.00	50.00
Cloud-Controlled Camera	Physical	12 Months	17.00	150.00
Cloud-Controlled Camera	Physical	24 Months	17.00	100.00
Cloud-Controlled Camera	Physical	36 Months	17.00	50.00
Cloud-Controlled Camera	Physical	48 Months	17.00	50.00
Cloud-Controlled Camera	Physical	60 Months	17.00	50.00
Cloud-Controlled Camera	Physical	72 Months	17.00	50.00
Cloud-Controlled Camera	Physical	84 Months	17.00	50.00

FEATURE	Level of Service	Size of Device	MRC Price	NRC PRICE
Cloud-Controlled Switching	Full	Small	65.00	195.00
Cloud-Controlled Switching	Full	Medium	85.00	195.00
Cloud-Controlled Switching	Full	Large	150.00	195.00
Cloud-Controlled Switching	Monitor and Notify	Small	39.00	195.00
Cloud-Controlled Switching	Monitor and Notify	Medium	39.00	195.00
Cloud-Controlled Switching	Monitor and Notify	Large	55.00	195.00
Cloud-Controlled Switching	Physical	Small	55.00	195.00
Cloud-Controlled Switching	Physical	Medium	72.00	195.00
Cloud-Controlled Switching	Physical	Large	128.00	195.00

FEATURE	Level of Service	Size of Device	MRC PRICE	NRC PRICE
Wireless LAN Controller Management	Full	X-Small	25.00	882.00
Wireless LAN Controller Management	Full	Small	25.00	882.00
Wireless LAN Controller Management	Full	Medium	40.00	1,471.00
Wireless LAN Controller Management	Full	Large	40.00	2,059.00
Wireless LAN Controller Management	Full	X-Large	ICB	ICB

FEATURE	Level of Service	PRICE	CHARGE TYPE
Network Analysis	Full	\$50.00	Non-Recurring
Network Analysis	Full	\$80.00	Recurring
Network Engineering	Small	\$50.00	Non-Recurring
Network Engineering	Medium	\$50.00	Non-Recurring
Network Engineering	Large	\$50.00	Non-Recurring
Network Engineering	Small	\$55.00	Recurring
Network Engineering	Medium	\$75.00	Recurring
Network Engineering	Large	\$140.00	Recurring
Wireless OOB	Customer	0.00	Non-Recurring
Wireless OOB	Verizon	125.00	Non-Recurring
Wireless OOB	Customer	0.00	Recurring
Wireless OOB	Verizon	25.00	Recurring

FEATURE	PRICE	CHARGE TYPE
Change Fee: After Hours Charge	\$600.00	Non-Recurring
Change Fee: Design	\$250.00	Non-Recurring
Change Fee: Design Plus	\$400.00	Non-Recurring
Change Fee: Implementation	\$50.00	Non-Recurring
Expedite	\$1,100.00	Non-Recurring
Generic Dispatch Charge	\$300.00	Non-Recurring

## MANAGED WIRELESS LAN

FEATURE	Guest Access Type	PRICE	CHARGE TYPE
Guest Access	Cisco Meraki	0.00	Non-Recurring
Guest Access	Mist Systems	0.00	Non-Recurring
Guest Access	Purple WiFi	50.00	Non-Recurring

FEATURE	Guest Access Type	PRICE	CHARGE TYPE
Guest Access	Cisco Meraki	0.00	Recurring
Guest Access	Mist Systems	0.00	Recurring
Guest Access	Purple WiFi	60.00	Recurring

FEATURE	Level of Service	Size of Device	MRC PRICE	NRC PRICE
Lightweight Access Point Management	Full	Small	6.00	176.00
Lightweight Access Point Management	Full	Medium	6.00	176.00
Lightweight Access Point Management	Full	Large	6.00	176.00
Lightweight Access Point Management	Full	X-Large	6.00	176.00
Lightweight Access Point Management	Monitor and Notify	Small	6.00	176.00
Lightweight Access Point Management	Monitor and Notify	Medium	6.00	176.00
Lightweight Access Point Management	Monitor and Notify	Large	6.00	176.00
Lightweight Access Point Management	Monitor and Notify	X-Large	6.00	176.00
Lightweight Access Point Management	Physical	Small	6.00	176.00
Lightweight Access Point Management	Physical	Medium	6.00	176.00
Lightweight Access Point Management	Physical	Large	6.00	176.00
Lightweight Access Point Management	Physical	X-Large	6.00	176.00

FEATURE	Size of Device	MRC PRICE	NRC PRICE
Network Engineering	Small	55.00	50.00
Network Engineering	Medium	75.00	50.00
Network Engineering	Large	140.00	50.00

FEATURE	Level of Service	Size of Device	MRC PRICE	NRC PRICE
Wireless LAN Controller Management	Full	Small	25.00	882.00
Wireless LAN Controller Management	Full	Medium	40.00	1,471.00
Wireless LAN Controller Management	Full	Large	40.00	2,059.00
Wireless LAN Controller Management	Full	X-Large	ICB	ICB
Wireless LAN Controller Management	Monitor and Notify	Small	20.00	882.00
Wireless LAN Controller Management	Monitor and Notify	Medium	20.00	1,471.00
Wireless LAN Controller Management	Monitor and Notify	Large	40.00	2,059.00
Wireless LAN Controller Management	Monitor and Notify	X-Large	ICB	ICB
Wireless LAN Controller Management	Physical	Small	25.00	882.00
Wireless LAN Controller Management	Physical	Medium	40.00	1,471.00
Wireless LAN Controller Management	Physical	Large	40.00	2,059.00
Wireless LAN Controller Management	Physical	X-Large	ICB	ICB

FEATURE	OOB Provided By	MRC PRICE	NRC Price
Wireless OOB	Customer	0.00	0.00
Wireless OOB	Verizon	25.00	125.00

FEATURE	Level of Service	Size of Device	MRC PRICE	NRC PRICE
Cloud-Controlled Access Point	Full	X-Small	6.00	176.00
Cloud-Controlled Access Point	Full	Small	6.00	176.00
Cloud-Controlled Access Point	Monitor and Notify	Small	6.00	176.00
Cloud-Controlled Access Point	Physical	Small	6.00	176.00



FEATURE	Level of Service	Size of Device	High Availability Type	MRC Price	NRC PRICE
High Availability Wireless LAN Controller Management	Full	Small	Failover	60.00	250.00
High Availability Wireless LAN Controller Management	Full	Small	StackWise	120.00	700.00
High Availability Wireless LAN Controller Management	Full	Medium	Failover	100.00	250.00
High Availability Wireless LAN Controller Management	Full	Medium	StackWise	200.00	700.00
High Availability Wireless LAN Controller Management	Full	Large	Failover	165.00	250.00
High Availability Wireless LAN Controller Management	Full	Large	StackWise	335.00	700.00
High Availability Wireless LAN Controller Management	Full	X-Large	Failover	300.00	250.00
High Availability Wireless LAN Controller Management	Full	X-Large	StackWise	600.00	700.00
High Availability Wireless LAN Controller Management	Monitor and Notify	Small	Failover	40.00	250.00
High Availability Wireless LAN Controller Management	Monitor and Notify	Small	StackWise	80.00	700.00
High Availability Wireless LAN Controller Management	Monitor and Notify	Medium	Failover	40.00	250.00
High Availability Wireless LAN Controller Management	Monitor and Notify	Medium	StackWise	80.00	700.00
High Availability Wireless LAN Controller Management	Monitor and Notify	Large	Failover	40.00	250.00
High Availability Wireless LAN Controller Management	Monitor and Notify	Large	StackWise	80.00	700.00
High Availability Wireless LAN Controller Management	Monitor and Notify	X-Large	Failover	40.00	250.00
High Availability Wireless LAN Controller Management	Monitor and Notify	X-Large	StackWise	80.00	700.00
High Availability Wireless LAN Controller Management	Physical	Small	Failover	50.00	250.00
High Availability Wireless LAN Controller Management	Physical	Small	StackWise	100.00	700.00
High Availability Wireless LAN Controller Management	Physical	Medium	Failover	85.00	250.00
High Availability Wireless LAN Controller Management	Physical	Medium	StackWise	170.00	700.00
High Availability Wireless LAN Controller Management	Physical	Large	Failover	140.00	250.00
High Availability Wireless LAN Controller Management	Physical	Large	StackWise	285.00	700.00
High Availability Wireless LAN Controller Management	Physical	X-Large	Failover	255.00	250.00
High Availability Wireless LAN Controller Management	Physical	X-Large	StackWise	510.00	700.00

FEATURE	PRICE	CHARGE TYPE
Change Fee: After Hours Charge	\$600.00	Non-Recurring
Change Fee: Design	\$250.00	Non-Recurring
Change Fee: Design Plus	\$400.00	Non-Recurring
Change Fee: Implementation	\$50.00	Non-Recurring
Expedite	\$1,100.00	Non-Recurring
Generic Dispatch Charge	\$300.00	Non-Recurring

FEATURE	Access Point Type	Level of Service	Management / License Type	PRICE
Software Defined Wireless LAN	Bluetooth Only Access Point	Full	Management + BLE Engagement	ICB
Software Defined Wireless LAN	Bluetooth Only Access Point	Full	Management + BLE Engagement (customer-provided license)	ICB
Software Defined Wireless LAN	Bluetooth Only Access Point	Full	Management + BLE Engagement + BLE Visibility	ICB
Software Defined Wireless LAN	Bluetooth Only Access Point	Full	Management + BLE Engagement + BLE Visibility (customer-provided license)	ICB
Software Defined Wireless LAN	Bluetooth Only Access Point	Full	Management + BLE Visibility	ICB
Software Defined Wireless LAN	Bluetooth Only Access Point	Full	Management + BLE Visibility (customer-provided license)	ICB
Software Defined Wireless LAN	Bluetooth Only Access Point	Monitor and Notify	Management + BLE Engagement	ICB
Software Defined Wireless LAN	Bluetooth Only Access Point	Monitor and Notify	Management + BLE Engagement (customer-provided license)	ICB
Software Defined Wireless LAN	Bluetooth Only Access Point	Monitor and Notify	Management + BLE Engagement + BLE Visibility	ICB
Software Defined Wireless LAN	Bluetooth Only Access Point	Monitor and Notify	Management + BLE Engagement + BLE Visibility (customer-provided license)	ICB
Software Defined Wireless LAN	Bluetooth Only Access Point	Monitor and Notify	Management + BLE Visibility	ICB
Software Defined Wireless LAN	Bluetooth Only Access Point	Monitor and Notify	Management + BLE Visibility (customer-provided license)	ICB
Software Defined Wireless LAN	Bluetooth Only Access Point	Physical	Management + BLE Engagement	ICB
Software Defined Wireless LAN	Bluetooth Only Access Point	Physical	Management + BLE Engagement (customer-provided license)	ICB
Software Defined Wireless LAN	Bluetooth Only Access Point	Physical	Management + BLE Engagement + BLE Visibility	ICB

Software Defined Wireless LAN	Bluetooth Only Access Point	Physical	Management + BLE Engagement + BLE Visibility (customer-provided license)	ICB
Software Defined Wireless LAN	Bluetooth Only Access Point	Physical	Management + BLE Visibility	ICB
Software Defined Wireless LAN	Bluetooth Only Access Point	Physical	Management + BLE Visibility (customer-provided license)	ICB
Software Defined Wireless LAN	WiFi and Bluetooth Access Point	Full	Management	ICB
Software Defined Wireless LAN	WiFi and Bluetooth Access Point	Full	Management (customer-provided license)	ICB
Software Defined Wireless LAN	WiFi and Bluetooth Access Point	Full	Management + BLE Engagement	ICB
Software Defined Wireless LAN	WiFi and Bluetooth Access Point	Full	Management + BLE Engagement (customer-provided license)	ICB
Software Defined Wireless LAN	WiFi and Bluetooth Access Point	Full	Management + BLE Engagement + BLE Visibility	ICB
Software Defined Wireless LAN	WiFi and Bluetooth Access Point	Full	Management + BLE Engagement + BLE Visibility (customer-provided license)	ICB
Software Defined Wireless LAN	WiFi and Bluetooth Access Point	Full	Management + BLE Visibility	ICB
Software Defined Wireless LAN	WiFi and Bluetooth Access Point	Full	Management + BLE Visibility (customer-provided license)	ICB
Software Defined Wireless LAN	WiFi and Bluetooth Access Point	Monitor and Notify	Management	ICB
Software Defined Wireless LAN	WiFi and Bluetooth Access Point	Monitor and Notify	Management (customer-provided license)	ICB
Software Defined Wireless LAN	WiFi and Bluetooth Access Point	Monitor and Notify	Management + BLE Engagement	ICB
Software Defined Wireless LAN	WiFi and Bluetooth Access Point	Monitor and Notify	Management + BLE Engagement (customer-provided license)	ICB
Software Defined Wireless LAN	WiFi and Bluetooth Access Point	Monitor and Notify	Management + BLE Engagement + BLE Visibility	ICB
Software Defined Wireless LAN	WiFi and Bluetooth Access Point	Monitor and Notify	Management + BLE Engagement + BLE Visibility (customer-provided license)	ICB
Software Defined Wireless LAN	WiFi and Bluetooth Access Point	Monitor and Notify	Management + BLE Visibility	ICB
Software Defined Wireless LAN	WiFi and Bluetooth Access Point	Monitor and Notify	Management + BLE Visibility (customer-provided license)	ICB
Software Defined Wireless LAN	WiFi and Bluetooth Access Point	Physical	Management	ICB
Software Defined Wireless LAN	WiFi and Bluetooth Access Point	Physical	Management (customer-provided license)	ICB
Software Defined Wireless LAN	WiFi and Bluetooth Access Point	Physical	Management + BLE Engagement	ICB

Software Defined Wireless LAN	WiFi and Bluetooth Access Point	Physical	Management + BLE Engagement (customer-provided license)	ICB
Software Defined Wireless LAN	WiFi and Bluetooth Access Point	Physical	Management + BLE Engagement + BLE Visibility	ICB
Software Defined Wireless LAN	WiFi and Bluetooth Access Point	Physical	Management + BLE Engagement + BLE Visibility (customer-provided license)	ICB
Software Defined Wireless LAN	WiFi and Bluetooth Access Point	Physical	Management + BLE Visibility	ICB
Software Defined Wireless LAN	WiFi and Bluetooth Access Point	Physical	Management + BLE Visibility (customer-provided license)	ICB

Verizon Digital Advisory Service			
	ELB Tier 3	ELB Tier 2	ELB Tier 1
Price	\$36,000	\$63,000	\$111,000
Workshop (max hours)	40 hours (24 may be on site)	40 hours (24 may be on site)	40 hours (24 may be on site)
Ongoing Consultant Support Initiatives	\$16.00	\$32	\$48
Term	12 Months	12 Months	12 Months
Billing	Quarterly (4 equal installments)	Quarterly (4 equal installments)	Quarterly (4 equal installments)
Additional Hours	\$240.00	\$240	\$240

## MANAGED SECURITY SERVICES – Analytics

Managed Security Services (MSS) - Analytics provides 24x7 analysis of Customer supplied Data for the purpose of monitoring, detecting and alerting Customer to potential security threats, Security Events and Security Incidents. The Managed Security Services Rate structure is generally composed of a Monthly Recurring Charge (MRC), additional data Volume based on individual consumption events and available options listed below.

FEATURE	Data Volume	Monthly Recurring PRICE
Managed Security Services - Analytics	1 GB	600.00
Managed Security Services - Analytics	5 GB	3,000.00
Managed Security Services - Analytics	10 GB	6,000.00
Managed Security Services - Analytics	50 GB	11,050.00
Managed Security Services - Analytics	100 GB	17,000.00
Managed Security Services - Analytics	200 GB	29,000.00
Managed Security Services - Analytics	500 GB	47,600.00
Managed Security Services - Analytics	1 TB	80,750.00
Managed Security Services - Analytics	1.5 TB	114,750.00
Managed Security Services - Analytics	2 TB	150,000.00
Managed Security Services - Analytics	2.5 TB	178,500.00

Managed Security Services - Analytics	3 TB	204,000.00
Managed Security Services - Analytics	3.5 TB	229,500.00
Managed Security Services - Analytics	4 TB	255,000.00
Managed Security Services - Analytics	4.5 TB	280,500.00
Managed Security Services - Analytics	5 TB	306,000.00
Managed Security Services - Analytics	5.5 TB	328,100.00
Managed Security Services - Analytics	6 TB	350,200.00
Managed Security Services - Analytics	6.5 TB	\$372,300.00
Managed Security Services - Analytics	7 TB	\$394,400.00
Managed Security Services - Analytics	7.5 TB	\$416,500.00
Managed Security Services - Analytics	8 TB	\$438,600.00
Managed Security Services - Analytics	8.5 TB	\$460,700.00
Managed Security Services - Analytics	9 TB	\$482,800.00
Managed Security Services - Analytics	9.5 TB	\$504,900.00
Managed Security Services - Analytics	10 TB	\$527,000.00

FEATURE	Data Volume	Consumption Event PRICE
Additional Data Volume	1 GB	72.25
Additional Data Volume	5 GB	50.00
Additional Data Volume	10 GB	14.00
Additional Data Volume	50 GB	13.00
Additional Data Volume	100 GB	13.00
Additional Data Volume	200 GB	10.00
Additional Data Volume	500 GB	10.00
Additional Data Volume	1 TB	9.50
Additional Data Volume	1.5 TB	9.50
Additional Data Volume	2 TB	9.50
Additional Data Volume	2.5 TB	9.50
Additional Data Volume	3 TB	9.50
Additional Data Volume	3.5 TB	9.50
Additional Data Volume	4 TB	9.50
Additional Data Volume	4.5 TB	9.50
Additional Data Volume	5 TB	9.50
Additional Data Volume	5.5 TB	9.50
Additional Data Volume	6 TB	9.50

Additional Data Volume	6.5 TB	9.50
Additional Data Volume	7 TB	9.50
Additional Data Volume	7.5 TB	9.50
Additional Data Volume	8 TB	9.50
Additional Data Volume	8.5 TB	9.50
Additional Data Volume	9 TB	9.50
Additional Data Volume	9.5 TB	9.50
Additional Data Volume	10 TB	9.50

### Managed Security Services – Additional Site Options

FEATURE	PRICE	CHARGE TYPE
Site Setup - Configuration Change	500.00	Non-Recurring
Site Setup - Customer On-Site Local Event Collector	500.00	Non-Recurring
Site Setup - Customer Owned Equipment	500.00	Non-Recurring
Site Setup - Reconfiguration	500.00	Non-Recurring

### Managed Security Services – Device Management

FEATURE	TIER	PRICE	CHARGE TYPE
Managed Devices	0-25	\$ 192.00	Consumption Event
Managed Devices	26-50	\$ 176.00	Consumption Event
Managed Devices	51-100	\$ 160.00	Consumption Event
Managed Devices	101-500	\$ 144.00	Consumption Event
Managed Devices	501-1000	\$ 128.00	Consumption Event
Managed Devices	1001-5000	\$ 120.00	Consumption Event
Managed Devices	5001-999999	\$ 112.00	Consumption Event

FEATURE		PRICE	CHARGE TYPE
VPN Tunnel - Management	NA	40.00	Recurring

## Managed Security Services – Health Monitoring

FEATURE	TIER	PRICE	CHARGE TYPE
Monitored Devices	0-25	\$73.50	Consumption Event
Monitored Devices	26-50	\$69.75	Consumption Event
Monitored Devices	51-100	\$66.00	Consumption Event
Monitored Devices	101-500	\$62.25	Consumption Event
Monitored Devices	501-1000	\$58.50	Consumption Event
Monitored Devices	1001-5000	\$55.50	Consumption Event
Monitored Devices	5001-999999	\$47.25	Consumption Event

FEATURE		PRICE	CHARGE TYPE
VPN Tunnel - Health	N/A	37.50	Recurring

## Managed Security Services – Additional Service Options

FEATURE	CSE Hours per Week	PRICE	CHARGE TYPE
Client Security Engineer	10 Hours per Week	\$8,750.00	Recurring
Client Security Engineer	20 Hours per Week	\$17,500.00	Recurring
Client Security Engineer	30 Hours per Week	\$26,250.00	Recurring
Client Security Engineer	40 Hours per Week	\$35,000.00	Recurring
Client Security Engineer	5 Hours per Week	\$5,000.00	Recurring

FEATURE	SOC Analyst Type	SOC Analyst Hours per Week	Monthly Recurring PRICE
Dedicated SOC Analyst	Tier 3 US	10 Hours per Week	\$12,750.00
Dedicated SOC Analyst	Tier 3 US	20 Hours per Week	\$25,500.00
Dedicated SOC Analyst	Tier 3 US	30 Hours per Week	\$38,250.00
Dedicated SOC Analyst	Tier 3 US	40 Hours per Week	\$51,000.00

FEATURE	PRICE	CHARGE TYPE
Dedicated Project Management	\$1,750.00	Non-Recurring

FEATURE	Delivery Region	SSA Hours per Week	PRICE
Dedicated Security Services Advisor	US	4 Hours per Week	\$3,500.00
Dedicated Security Services Advisor	US	10 Hours per Week	\$8,750.00
Dedicated Security Services Advisor	US	20 Hours per Week	\$17,500.00
Dedicated Security Services Advisor	US	30 Hours per Week	\$26,250.00
Dedicated Security Services Advisor	US	40 Hours per Week	\$35,000.00

FEATURE	TIER	PRICE	CHARGE TYPE
Device Availability SLA	0-25	\$15.00	Consumption Event
Device Availability SLA	26-50	\$14.00	Consumption Event
Device Availability SLA	51-100	\$13.00	Consumption Event
Device Availability SLA	101-500	\$12.00	Consumption Event
Device Availability SLA	501-1000	\$11.00	Consumption Event
Device Availability SLA	1001-5000	\$10.00	Consumption Event
Device Availability SLA	5001-999999	\$9.00	Consumption Event

FEATURE	PRICE	CHARGE TYPE
Service Tickets (batch of 12)	\$600.00	Non-Recurring
Site Setup - Local Event Collector	\$500.00	Non-Recurring
Staging Services	\$1,000	Non-Recurring

## Network Threat Monitoring

Network Threat Monitoring (NTM) Service is intended to reinforce existing Customer threat and Security Event recognition capabilities based on automated watchlist matching (Signature-Based Detection mechanism) . The following recurring and non recurring charges apply.

FEATURE	PRICE	CHARGE TYPE
Bandwidth	\$250.00	Non-Recurring

FEATURE	Bandwidth Tier	Monthly Recurring Price
Bandwidth	1.000-100 MB	\$600.00
Bandwidth	100.001 MB-1 GB	\$750.00
Bandwidth	1.001-5 GB	\$850.00
Bandwidth	5.001-10 GB	\$1,000.00

## Managed Security Services – Premises Premium

Managed Security Services (MSS) - Premises Premium offers Monitoring or Monitoring and

Management services for a selection of Serviced Devices, where available as described in the Verizon technical response. As the device availability and device health monitoring will vary, this will be offered as an Individual Case Basis (ICB) .

## Managed Security Services – Policy Management / SaaS Policy Management

Managed Security Services (MSS) Software as a Service (SaaS) Policy Management+ (SaaS Policy Management) provides implementation of initial Rule Sets created by Customer and Policy Change Requests for Customer endpoints with Verizon supported Third Party Vendor SaaS products.

Due to the required customization VNS Services will be offered on an individual case basis.



## Virtual Network Services

VNS is a suite of network services that enables enterprise customers to replace traditional purpose built, appliance-based, network equipment with virtual network services. With VNS, Verizon provides the following software based services: Virtual Network Services – Routing, Virtual Network Services – Security, Virtual Network Services – SD WAN, Virtual Network Services – Software Defined Secure Branch, Virtual Network Services – Session Border Controller (SBCaaS), Virtual Network Services – WAN Optimization and Virtual Network Services – Application Edge.

With VNS, each function may be available in up to 3 Feature Packages: Essential, Core, and Complete. These customized capabilities and options within each Feature Package will be determined based on requirements.

Due to the required customization VNS Services will be offered on an individual case basis

VNS SERVICE FEATURE	Associated VNF Name	Service Package	Capacity	Deployment Model	Management Level	HA Type	HA Role
Application Edge			8-24 Core	Premise	Co Managed	n/a	n/a
Network Engineering	Routing	Complete/Core /Essential	50mbps-10Gb	n/a	Full	n/a	n/a
Network Engineering	SDWAN	Complete/Core /Essential	50mbps-10Gb	n/a	Full	n/a	n/a
Network Engineering	Virtual Host Mgmt.	N/A	20Mbps-10GB	n/a	Full	n/a	n/a
Network Engineering	WAN Optimization	Complete/Core	200-15000 max connections	n/a	Full	n/a	n/a
Routing	n/a	Complete/Core /Essential	10mbps - 10Gb	n/a	Full	None/Primary /Secondary	None/Active/ Standby
SDWan	n/a	Complete/Core /Essential	10mbps - 10Gb	Hosted / Premise	Full/Co Management	None/Primary /Secondary	None/Active
Security	n/a	Complete/Core /Essential	10mbps - 10Gb	Hosted / Premise	Full/Monitor/ MSS Based	None/Primary /Secondary	None/Active/ Standby
Session Border Controller	n/a	Complete/Core /Essential	25-5000 concurrent calls	Hosted	Full	None	Active
Session Border Controller - License	n/a	Complete/Core /Essential	25-5000 concurrent calls			None	Active
Software Defined Secure Branch	n/a	Complete/Core /Essential	10mbps - 10Gb	Hosted / Premise	Full/ Monitor/ Co- Management	n/a	n/a
Virtual Host Management	n/a	Xsmall/Small/ Med/Large	n/a	n/a	Full	n/a	n/a
WAN Optimization	n/a	Complete/Core	200-15000 max connections	Premise	Full	n/a	n/a
Wireless OOB	n/a	Verizon provided OOB	n/a	n/a	Verizon	n/a	n/a

## ZScaler Trust Dynamic Access Implementation Services

Expansive zero trust solutions that include Zscaler Internet Access (ZIA), Zscaler Private Access (ZPA), data protection (DP), compromised user protection (DECEPTION) & Zscaler Digital Experience (ZDX). Based on the wide variety of services available and the required scoping for each individual customer need, these packages will be offered on an Individual Case Basis

Zscaler for Users Subscriptions	
Package	Description
<b>Zscaler for Users Subscriptions</b>	<b>Expansive zero trust solutions that include Zscaler Internet Access (ZIA), Zscaler Private Access (ZPA), data protection (DP), compromised user protection (DECEPTION) &amp; Zscaler Digital Experience (ZDX).</b>
Business	Includes ZIA Business Edition with additional In-line web data protection and ZPA Business Edition plus standard compromised user protection and Zscaler Digital Experience.
Transformation	Includes ZIA Transformation Edition, advanced data protection and ZPA Transformation Edition, plus advanced compromised user protection, browser isolation and advanced Zscaler Digital Experience.
Enterprise License Agreement	Includes ZIA Unlimited Edition, ZPA Unlimited Edition plus more advance data protection, advanced compromised user protection, 100% browser Isolation, more advanced Zscaler Digital Experience and Premium Support Plus for included capabilities.
Zscaler Internet Access (ZIA) Subscriptions	
Zscaler Internet Access (ZIA) Subscriptions	Zscaler Internet Access is an internet and web gateway delivered as a service from the cloud. It sits between your users and the internet, inspecting traffic inline across multiple security techniques. It delivers the security stack as a cloud service, to help provide security for internet access in convenient subscription editions or a la carte. Packages available are:-
Essentials/Professional	Entry level security package delivered by making the Zscaler security cloud your internet onramp to provide protection from internet and web threats for your users—on the network or off. Provides access control (such as URL and content filtering, file type or DNS* control and a standard cloud firewall), SSL inspection, advanced threat protection*, Mobile controls & reporting+ and cloud application visibility and SIEM log streaming support to transmit logs from users and locations to an on-premise SIEM in real time.
Business	Includes all Essential* / Professional features, plus advanced threat protection, additional access control features (such as web access, cloud application and bandwidth control), SSL inspection with private certificates*, core data protection capabilities (such as data loss prevention essentials and out-of-band CASB essentials) and Zscaler Digital Experience.
Transformation	Includes all Business features, plus a full proxy-based cloud-gen Firewall, cloud-gen Sandbox, cloud identity proxy, full firewall logging+ & recovery*, cloud IPS for non-web protocols, use of premium data centers and more Out-of-band CASB protection to help prevent data exposure. Plus, browser isolation (Threat Detection only)*, encrypted VPN* and compromised user protection*.
Unlimited Edition/ Enterprise License Agreement	Includes all Transformation features, plus more advanced data protection (such as In-line Web*, SaaS Apps (API)*, Email (API)*, Unmanaged Devices*, Advanced Classification, Advanced Incident Management), source IP anchoring+, test environment, guest Wi-Fi / server IOT protection and premium support plus.

## Zscaler Private Access (ZPA) Subscriptions

Zscaler Private Access (ZPA) Subscriptions	Delivers the security stack as a cloud service to enable secure remote access to internal apps running on AWS, Azure or in the data center without the need for remote access VPN.
Essentials/Professional	Includes core functionality of the ZPA service to enable basic remote employee private application access using a client connector. You can also discover previously unknown private apps, and leverage device posture enforcement, for up to 10 application segments. Plus, up to 10-20* application connectors, Multiple identity provider support*, log streaming* and source IP anchoring*
Business Edition	Includes all professional features, plus up to 100-300+ application segments, private service edges to support in-the-office users, more application connectors, browser-based access, log streaming service, premium bandwidth+, compromised user protection* and application health / connector monitoring.
Transformation Edition	Includes all business features, plus unlimited application segments, even more application connectors, private service edges, ZPA test environment+, cloud browser isolation, and advanced compromised user protection
Unlimited Edition*	Includes all Transformation features, plus additional data protection capabilities, (such as data protection for private applications, for unmanaged devices, advanced classification and advanced incident management) and premium support plus

## Zscaler Digital Experience (ZDX) Subscriptions

Zscaler Digital Experience (ZDX) Subscriptions	Zscaler Digital Experience (ZDX) is a digital experience monitoring solution delivered as a service from the Zscaler cloud. ZDX provides end-to-end visibility and troubleshooting of end-user performance issues for any user or application, regardless of location. ZDX leverages Zscaler Client Connector and the Zscaler cloud to actively monitor applications from an end-user perspective
M365	Zscaler Digital Experience (ZDX) M365 is for customers that have heavily invested in the Microsoft ecosystem of collaboration and productivity cloud services. ZDX M365 plan includes pre-defined templates for Microsoft 365 services only. In addition, two custom probes are allowed for monitoring other applications.
Advanced / Advanced Plus	Zscaler Digital Experience (ZDX) Advanced and Advanced Plus* is for businesses looking to implement a comprehensive digital experience monitoring solution that scales and is flexible for use by multiple IT departments within the organization. Provides the ability to monitor internet-based SaaS apps, websites, web-based apps and private apps in customer data center and IaaS/PaaS.
Zscaler Cloud Protection (DP) Subscriptions	Zscaler Cloud Protection delivers a new approach that takes the operational complexity and headaches out of cloud workload security. Zscaler's zero trust architecture reduces business risk by automatically remediating security gaps, minimizing the attack surface, and eliminating lateral threat movement.
Cloud Security Posture Management (CSPM)	Zscaler Cloud Security Posture Management (CSPM) automatically identifies and remediates application misconfigurations in SaaS, IaaS, and PaaS to reduce risk and ensure compliance.
Workload Segmentation	Zscaler Workload Segmentation (ZWS) is a new way to microsegment your environment. Zscaler Workload Segmentation protects critical data and applications in the hybrid cloud through a fundamentally new control plane: software identity. All software in an Zscaler Workload Segmentation-managed environment is fingerprinted using a combination of cryptographic identity attributes.

## **Iboss – Zero Trust Dynamic Access License Pricing**

Verizon's Zero Trust Dynamic Access provides a zero trust cloud security solution for secure access to the open internet, cloud applications, private applications and data, and public cloud services. Acting as both a first and last line of defense, this service protects users, apps, and data on any device, while maintaining performance and eliminating the need to backhaul traffic or use Virtual Private Networks (VPNs). At Verizon, we help you keep up with rapidly changing cyber threats by processing more than one million security events every day at our global network operations centers and security operations centers.

Services will be scoped on an individual basis by Verizon and a Statement of Work will be developed on an individual case basis identifying the scope, resources, hours and charges for the specific engagement.

## **Managed SIEM**

Verizon Managed SIEM (Managed SIEM) service provides security monitoring for Customer's Security Information and Event Management (SIEM) Serviced Devices located on Customer's premises or hosted by a third party. Serviced Devices may include a virtual device, virtual appliance, software application, or system that are certified by Verizon to receive Managed SIEM service. Security monitoring includes security incident handling and escalation, SIEM content management, and service management and reporting.

Services will be scoped on an individual basis by Verizon and a Statement of Work will be developed on an individual case basis identifying the scope, resources, hours and charges for the specific engagement.

## **Advanced Security Operations Center (ASOC)**

Verizon's Advanced Security Operations Center (SOC) solutions are fully customizable cyber security event-monitoring solutions, designed for organizations looking to maximize their SIEM and related security investments with a monitoring and analytics ecosystem customized to their exact specifications and business requirements. Custom SOC Solutions provide customers far more flexibility than traditional standardized product and solution bundles can deliver. Custom SOC solutions are usually most applicable when the standard, preferred Managed Security Service - Analytics (MSSA) or Managed SIEM offerings are not able to meet specific customer requirements.

Custom SOC Solutions provide customers a hybrid operating model leveraging a dedicated team of highly skilled security analysts working in a dedicated environment. These analysts monitor and analyze every security event for the customer, providing alerts based on an agreed service level through an appropriate interface, specified by the client.

Services will be scoped on an individual basis by Verizon and a Statement of Work will be developed on an individual case basis identifying the scope, resources, hours and charges for the specific engagement.

