

networkMaryland Fiscal Year 2018 Prices

networkMaryland Service Delivery Options

Physical Port Connection and Monitoring - On Net					
Services delivered over State-owned or Resource Share fiber optic cable.					
Part Number	Connection Type	Cost/Month	NRC		Notes
pconn-eth100-c	Ethernet 10/100 - Copper	\$ 100.00	\$ -		Category 5(e)/6(e) UTP Ethernet connection
pconn-eth100-f	Ethernet 10/100 - Fiber	\$ 100.00	\$ -		Single or Multimode Fiber Ethernet connection
pconn-sdwan-c	SD-WAN	\$ 150.00	\$ -		Commodity ISP service networked using SD-WAN connection
pconn-ge-c	Gigabit Ethernet - Copper	\$ 200.00	\$ -		Category 5(e)/6(e) UTP Ethernet connection
pconn-ge-f	Gigabit Ethernet - Fiber	\$ 200.00	\$ -		Single or Multimode Fiber Ethernet connection
pconn-10ge-f	10 Gigabit Ethernet - Fiber	\$ 500.00	\$ -		Category 5(e)/6(e) UTP Ethernet connection
pconn-atm	Native ATM connection	\$ 1,000.00	\$ -		Native ATM connection; Ethernet, DS-3

Physical Port Connection and Monitoring - EVPL Circuit - Off Net (Note A)					
Services delivered over leased fiber optic cable. Services delivery requires a User Network Interface (UNI) device and an Ethernet Virtual Circuit (EVC).					
Part Number	Connection Type	Cost/Month	NRC		Notes
pconn-evpl-uni-100	100 Megabit Ethernet - Fiber	\$ 650.00	\$ -		100 Mbps End Point UNI and Aggregation Site UNI
pconn-evpl-uni-1000	Gigabit Ethernet - Fiber	\$ 1,000.00	\$ -		1 Gbps End Point UNI and Aggregation Site UNI

(Note A) Includes cost of end point and aggregation site User Network Interface (UNI). Ethernet Virtual Circuit (EVC) charges are shown below.

Ethernet Virtual Circuit - Off Net (Note B)					
Part Number	Bandwidth (Mbps)	Cost/Month	NRC	Cost/Mbps	Notes
exonevpl-10	10	\$ 140.00	\$ 200.00	\$ 14.00	10 Mbps EVC circuit
exonevpl-20	20	\$ 260.00	\$ 200.00	\$ 13.00	20 Mbps EVC circuit
exonevpl-30	30	\$ 370.00	\$ 200.00	\$ 12.33	30 Mbps EVC circuit
exonevpl-40	40	\$ 470.00	\$ 200.00	\$ 11.75	40 Mbps EVC circuit
exonevpl-50	50	\$ 560.00	\$ 200.00	\$ 11.20	50 Mbps EVC circuit
exonevpl-60	60	\$ 640.00	\$ 200.00	\$ 10.67	60 Mbps EVC circuit
exonevpl-70	70	\$ 710.00	\$ 200.00	\$ 10.14	70 Mbps EVC circuit
exonevpl-80	80	\$ 770.00	\$ 200.00	\$ 9.63	80 Mbps EVC circuit
exonevpl-90	90	\$ 820.00	\$ 200.00	\$ 9.11	90 Mbps EVC circuit
exonevpl-100	100	\$ 860.00	\$ 200.00	\$ 8.60	100 Mbps EVC circuit
exonevpl-150	150	\$ 975.00	\$ 200.00	\$ 6.50	150 Mbps EVC circuit
exonevpl-200	200	\$ 1,050.00	\$ 200.00	\$ 5.25	200 Mbps EVC circuit
exonevpl-300	300	\$ 1,230.00	\$ 200.00	\$ 4.10	300 Mbps EVC circuit
exonevpl-400	400	\$ 1,400.00	\$ 200.00	\$ 3.50	400 Mbps EVC circuit
exonevpl-500	500	\$ 1,550.00	\$ 200.00	\$ 3.10	500 Mbps EVC circuit
exonevpl-1g	1000	\$ 2,500.00	\$ 200.00	\$ 2.50	1 Gbps EVC circuit

(B) Requires Verizon TLS be available at the customer location. Service MAY NOT be available at all locations.

Physical Port Connection and Monitoring - Ethernet Everywhere Circuit - Off Net					
Services delivered over leased copper cable. Services delivered in this manner require a physical port connections and t1 circuits for the bandwidth desired.					
Part Number (Note C)	Bandwidth (Mbps)	Cost/Month (Note C)	NRC (Note D)	Cost/Mbps (Note E)	Notes
eotdm-1t1	1.5	\$ 300.00	\$ 500.00	\$ 346.67	Maximum aggregate circuit bandwidth 1.5 Mbps
eotdm-2t1	3	\$ 460.00	\$ 1,000.00	\$ 300.00	Maximum aggregate circuit bandwidth 3.0 Mbps
eotdm-3t1	4.5	\$ 620.00	\$ 1,500.00	\$ 284.44	Maximum aggregate circuit bandwidth 4.5 Mbps
eotdm-4t1	6	\$ 780.00	\$ 2,000.00	\$ 276.67	Maximum aggregate circuit bandwidth 6.0 Mbps
eotdm-5t1	7.5	\$ 940.00	\$ 2,500.00	\$ 272.00	Maximum aggregate bandwidth 7.5 Mbps (Discontinued)
eotdm-6t1	9	\$ 1,100.00	\$ 3,000.00	\$ 268.89	Maximum aggregate bandwidth 9.0 Mbps (Discontinued)
eotdm-7t1	10.5	\$ 1,260.00	\$ 3,500.00	\$ 266.67	Maximum aggregate bandwidth 10.5 Mbps (Discontinued)
eotdm-8t1	12	\$ 1,420.00	\$ 4,000.00	\$ 265.00	Maximum aggregate bandwidth 12.0 Mbps (Discontinued)

(Note C) The table above reflects ONLY the Physical Port Connection and Monitoring (PPCM) charge. In addition to the PPCM charge, networkMaryland will bill actual Ethernet Everywhere circuit costs. Actual costs will vary by circuit depending on the number of T1s comprising the circuit and the circuit miles as shown below.

(Note D) A \$500 NRC will be charged on all new EE circuit additions and any upgrades to existing EE circuits per T-1 circuit added.

(Note E) Cost/Mbps assumes an average cost of \$220 per T1 circuit. This is used for estimating the cost per Mbps only. Actual cost may be less or more depending on mileage band.

Ethernet T1 Circuits- Off Net					
Part Number	Channel Term	Fixed Mileage	Variable Mileage (Rate Per Mile)	NRC (Per Incremental T1)	Notes
eotdm-1t1	\$ 150.00	\$ 24.00	\$ 3.00	\$ 500.00	Last mile circuit charges for 1.5 Mbps
eotdm-2t1	\$ 300.00	\$ 48.00	\$ 6.00	\$ 1,000.00	Last mile circuit charges for 3 Mbps
eotdm-3t1	\$ 450.00	\$ 72.00	\$ 9.00	\$ 1,500.00	Last mile circuit charges for 4.5 Mbps
eotdm-4t1	\$ 600.00	\$ 96.00	\$ 12.00	\$ 2,000.00	Last mile circuit charges for 6 Mbps

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networkMaryland Services

Private Line (Layer 2) Service					
Part Number	Bandwidth (Mbps)	Cost/Month	NRC (Note F)	Cost/Mbps	Notes
I2-00T1	1.5	\$ 150.00	\$ 500.00	\$ 100.00	Bandwidth restricted to copper based (t1) service delivery.
I2-003	3	\$ 175.00	\$ 500.00	\$ 58.33	Bandwidth restricted to copper based (t1) service delivery.
I2-005	5	\$ 185.00	\$ 500.00	\$ 37.00	Bandwidth restricted to copper based (t1) service delivery.
I2-006	6	\$ 210.00	\$ 500.00	\$ 35.00	Bandwidth restricted to copper based (t1) service delivery.
I2-010	10	\$ 300.00	\$ 500.00	\$ 30.00	
I2-015	15	\$ 325.00	\$ 500.00	\$ 21.67	
I2-020	20	\$ 350.00	\$ 500.00	\$ 17.50	
I2-025	25	\$ 375.00	\$ 500.00	\$ 15.00	
I2-030	30	\$ 400.00	\$ 500.00	\$ 13.33	
I2-035	35	\$ 425.00	\$ 500.00	\$ 12.14	
I2-040	40	\$ 450.00	\$ 500.00	\$ 11.25	
I2-045	45	\$ 475.00	\$ 500.00	\$ 10.56	
I2-050	50	\$ 500.00	\$ 500.00	\$ 10.00	
I2-060	60	\$ 550.00	\$ 500.00	\$ 9.17	
I2-070	70	\$ 600.00	\$ 500.00	\$ 8.57	
I2-080	80	\$ 650.00	\$ 500.00	\$ 8.13	
I2-090	90	\$ 700.00	\$ 500.00	\$ 7.78	
I2-100	100	\$ 750.00	\$ 500.00	\$ 7.50	
I2-150	150	\$ 861.00	\$ 500.00	\$ 5.74	
I2-200	200	\$ 972.00	\$ 500.00	\$ 4.86	
I2-300	300	\$ 1,194.00	\$ 500.00	\$ 3.98	
I2-400	400	\$ 1,417.00	\$ 500.00	\$ 3.54	
I2-500	500	\$ 1,639.00	\$ 500.00	\$ 3.28	
I2-600	600	\$ 1,861.00	\$ 500.00	\$ 3.10	
I2-700	700	\$ 2,083.00	\$ 500.00	\$ 2.98	
I2-800	800	\$ 2,306.00	\$ 500.00	\$ 2.88	
I2-900	900	\$ 2,528.00	\$ 500.00	\$ 2.81	
I2-1g	1000	\$ 2,750.00	\$ 500.00	\$ 2.75	
I2-2g	2000	\$ 5,330.00	\$ 500.00	\$ 2.67	
I2-3g	3000	\$ 7,750.00	\$ 500.00	\$ 2.58	
I2-4g	4000	\$ 10,000.00	\$ 500.00	\$ 2.50	
I2-5g	5000	\$ 12,085.00	\$ 500.00	\$ 2.42	
I2-6g	6000	\$ 14,000.00	\$ 500.00	\$ 2.33	
I2-7g	7000	\$ 15,750.00	\$ 500.00	\$ 2.25	
I2-8g	8000	\$ 17,335.00	\$ 500.00	\$ 2.17	
I2-9g	9000	\$ 18,750.00	\$ 500.00	\$ 2.08	
I2-10g	10000	\$ 20,000.00	\$ 500.00	\$ 2.00	
I2-expedite	n/a	n/a	\$ 500.00	n/a	Add charge for less than 72 hour provisioning of "on-net" circuits

(Note F) A \$500 NRC will be charged on all circuit additions and changes to cover circuit engineering and design costs.

Virtual Private Routed Network (VPRN) Service					
Part Number	Bandwidth (Mbps)	Cost/Month	NRC (Note F)	Cost/Mbps	Notes
vprn-t1	1.5	\$ 135.00	\$ 500.00	\$ 90.00	Bandwidth restricted to copper based (t1) service delivery.
vprn-3	3	\$ 157.50	\$ 500.00	\$ 52.50	Bandwidth restricted to copper based (t1) service delivery.
vprn-5	5	\$ 166.50	\$ 500.00	\$ 33.30	Bandwidth restricted to copper based (t1) service delivery.
vprn-6	6	\$ 189.00	\$ 500.00	\$ 31.50	Bandwidth restricted to copper based (t1) service delivery.
vprn-10	10	\$ 270.00	\$ 500.00	\$ 27.00	
vprn-150	15	\$ 292.50	\$ 500.00	\$ 19.50	
vprn-20	20	\$ 315.00	\$ 500.00	\$ 15.75	
vprn-250	25	\$ 337.50	\$ 500.00	\$ 13.50	
vprn-30	30	\$ 360.00	\$ 500.00	\$ 12.00	
vprn-35	35	\$ 382.50	\$ 500.00	\$ 10.93	
vprn-40	40	\$ 405.00	\$ 500.00	\$ 10.13	
vprn-45	45	\$ 427.50	\$ 500.00	\$ 9.50	
vprn-50	50	\$ 450.00	\$ 500.00	\$ 9.00	
vprn-60	60	\$ 495.00	\$ 500.00	\$ 8.25	
vprn-70	70	\$ 540.00	\$ 500.00	\$ 7.71	
vprn-80	80	\$ 585.00	\$ 500.00	\$ 7.31	
vprn-90	90	\$ 630.00	\$ 500.00	\$ 7.00	
vprn100	100	\$ 675.00	\$ 500.00	\$ 6.75	

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Virtual Private Routed Network (VPRN) Service (Continued)

Part Number	Bandwidth (Mbps)	Cost/Month	NRC (Note F)	Cost/Mbps	
vprn-150	150	\$ 775.00	\$ 500.00	\$	5.17
vprn-200	200	\$ 875.00	\$ 500.00	\$	4.38
vprn-300	300	\$ 1,075.00	\$ 500.00	\$	3.58
vprn-400	400	\$ 1,275.00	\$ 500.00	\$	3.19
vprn-500	500	\$ 1,475.00	\$ 500.00	\$	2.95
vprn-600	600	\$ 1,675.00	\$ 500.00	\$	2.79
vprn-700	700	\$ 1,875.00	\$ 500.00	\$	2.68
vprn-800	800	\$ 2,075.00	\$ 500.00	\$	2.59
vprn-900	900	\$ 2,275.00	\$ 500.00	\$	2.53
vprn-1g	1000	\$ 2,475.00	\$ 1,000.00	\$	2.48
vprn-2g	2000	\$ 4,800.00	\$ 1,000.00	\$	2.40
vprn-3g	3000	\$ 6,975.00	\$ 1,000.00	\$	2.33
vprn-4g	4000	\$ 9,000.00	\$ 1,000.00	\$	2.25
vprn-5g	5000	\$ 10,875.00	\$ 1,000.00	\$	2.18
vprn-6g	6000	\$ 12,600.00	\$ 1,000.00	\$	2.10
vprn-7g	7000	\$ 14,175.00	\$ 1,000.00	\$	2.03
vprn-8g	8000	\$ 15,600.00	\$ 1,000.00	\$	1.95
vprn-9g	9000	\$ 16,875.00	\$ 1,000.00	\$	1.88
vprn-10g	10000	\$ 18,000.00	\$ 1,000.00	\$	1.80

(Note F) A \$500 NRC will be charged on all circuit additions and changes to cover circuit engineering and design costs.

Internet (ISP) Service

Part Number	Bandwidth (Mbps)	Cost/Month	NRC (Note F)	Cost/Mbps	Notes
isp-commodity	Varies	\$ 100.00	\$ 500.00	N/A	Delivered over commodity internet connection (shared service)
isp-010	10	\$ 100.00	\$ 500.00	\$ 10.00	
isp-020	20	\$ 181.00	\$ 500.00	\$ 9.05	
isp-025	25	\$ 215.00	\$ 500.00	\$ 8.60	
isp-050	50	\$ 328.00	\$ 500.00	\$ 6.56	
isp-075	75	\$ 377.00	\$ 500.00	\$ 5.03	
isp-100	100	\$ 384.00	\$ 500.00	\$ 3.84	
isp-150	150	\$ 540.00	\$ 500.00	\$ 3.60	
isp-200	200	\$ 692.00	\$ 500.00	\$ 3.46	
isp-300	300	\$ 935.00	\$ 500.00	\$ 3.12	
isp-400	400	\$ 1,123.00	\$ 500.00	\$ 2.81	
isp-500	500	\$ 1,264.00	\$ 500.00	\$ 2.53	
isp-600	600	\$ 1,367.00	\$ 500.00	\$ 2.28	
isp-700	700	\$ 1,436.00	\$ 500.00	\$ 2.05	
isp-800	800	\$ 1,479.00	\$ 500.00	\$ 1.85	
isp-900	900	\$ 1,495.00	\$ 500.00	\$ 1.66	
isp-1g	1000	\$ 1,500.00	\$ 500.00	\$ 1.50	
isp-2g	2000	\$ 2,850.00	\$ 500.00	\$ 1.43	
isp-3g	3000	\$ 4,062.00	\$ 500.00	\$ 1.35	
isp-4g	4000	\$ 5,145.00	\$ 500.00	\$ 1.29	
isp-5g	5000	\$ 6,109.00	\$ 500.00	\$ 1.22	
isp-6g	6000	\$ 7,109.00	\$ 500.00	\$ 1.18	
isp-7g	7000	\$ 8,109.00	\$ 500.00	\$ 1.16	
isp-8g	8000	\$ 9,109.00	\$ 500.00	\$ 1.14	
isp-9g	9000	\$ 10,109.00	\$ 500.00	\$ 1.12	
isp-10g	10000	\$ 11,000.00	\$ 500.00	\$ 1.10	

Subscriber must have physical port connection before ordering Internet services. **Minimum bandwidth for this service is 10 Mbps.**

(Note F) A \$500 NRC will be charged on all circuit additions and changes to cover circuit engineering and design costs.

(Note G) Service availability dependent on 10 Gbps port availability.

Statewide Government Intranet (SwGI) Service

Part Number	Bandwidth (Mbps)	Cost/Month	NRC (Note F)	Cost/Mbps	
swgi-100	100	\$ 150.00	\$ 500.00	\$ 1.50	
swgi-200	200	\$ 290.00	\$ 500.00	\$ 1.45	
swgi-500	500	\$ 700.00	\$ 500.00	\$ 1.40	
swgi-1g	1000	\$ 1,340.00	\$ 500.00	\$ 1.34	

Subscriber must have physical port connection before ordering SWGI services.

(Note F) A \$500 NRC will be charged on all circuit additions and changes to cover circuit engineering and design costs.

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<u>Other networkMaryland Services</u>					
Customer Premise Equipment Management					
Part Number		Cost/Month			Notes
cpe-manag		\$ 250.00			Configuration, maintenance & monitoring services.
Collocation Services					
Part Number	Description	Cost/Month	NRC		Notes
colo-part	Partial Rack	\$ 100.00	\$ 500.00		
colo-full	Full Rack	\$ 200.00	\$ 500.00		Includes two (2) dedicated 20 Amp electrical circuits
colo-fiber	Riser Fiber (Per Pair)	\$ 100.00	\$ 500.00		
VPN Access					
Part Number	Bandwidth (Mbps)	Cost/Month	NRC		Notes
vpn-l2l	IPSec LAN-to-LAN Tunnel	\$ 500.00			Up to 10 Mbps bandwidth
vpn-remote-20	IPSec Remote Access	\$ 500.00			Up to 20 Remote Access Clients
vpn-client-10	10 additional VPN clients	\$ 100.00			10 additional Remote Access Clients

networkMaryland Service Bundles

<u>Bundled On-Net SwIG and Internet Services</u>					
Part Number	Bandwidth (Mbps)	Cost/Month	NRC	Annual	Notes
100 Mbps ISP/100 Mbps SwGI Bundle					
pconn-eth100	Ethernet 10/100	\$ 100.00			Primary Connection (copper or fiber)
pconn-eth100	Ethernet 10/100	\$ 100.00			Redundant Connection (copper or fiber)
isp-100	100	\$ 384.00			Internet Service
swgi-100	100	\$ 150.00			Statewide Government Intranet
Total Cost		\$ 734.00			
Bundle Discount		4.63%			
Bundle Price		\$ 700.00		\$ 8,400.00	
200 Mbps ISP/200 Mbps SwGI Bundle					
pconn-ge	Gigabit Ethernet	\$ 200.00			Primary Connection (copper or fiber)
pconn-ge	Gigabit Ethernet	\$ 200.00			Redundant Connection (copper or fiber)
isp-200	200	\$ 692.00			Internet Service
swgi-200	200	\$ 290.00			Statewide Government Intranet
Total Cost		\$ 1,382.00			
Bundle Discount		4.49%			
Bundle Price		\$ 1,320.00		\$ 15,840.00	
500 Mbps ISP/500 Mbps SwGI Bundle					
pconn-ge	Gigabit Ethernet	\$ 200.00			Primary Connection (copper or fiber)
pconn-ge	Gigabit Ethernet	\$ 200.00			Redundant Connection (copper or fiber)
isp-500	500	\$ 1,264.00			Internet Service
swgi-1g	500	\$ 700.00			Statewide Government Intranet
Total Cost		\$ 2,364.00			
Bundle Discount		4.40%			
Bundle Price		\$ 2,260.00		\$ 27,120.00	
1000 Mbps ISP/1000 Mbps SwGI Bundle					
pconn-ge	Gigabit Ethernet	\$ 200.00			Primary Connection (copper or fiber)
pconn-ge	Gigabit Ethernet	\$ 200.00			Redundant Connection (copper or fiber)
isp-1g	1000	\$ 1,500.00			Internet Service
swgi-1g	1000	\$ 1,340.00			Statewide Government Intranet
Total Cost		\$ 3,240.00			
Bundle Discount		4.32%			
Bundle Price		\$ 3,100.00		\$ 37,200.00	