

Effective Date: 5 March 2018

Name of Service: Singtel MetroEthernet, DigiNet, Gigawave and Meg@POP Services. *For more information refer to www.singtel.com.*

Description: Customised MetroEthernet, DigiNet, Gigawave and Meg@POP Service Scheme (**Customised Scheme**)

Prices (including discounts):

a) MetroEthernet Point-to-Point (**PTP**) (renewed circuits)

Bandwidth	Monthly Recurring Charge (MRC)	
	Standard	PTP with Exchange Diversity
2M	495	589
4M	698	889
6M	885	1102
8M	996	1269
10M	1070	1367
20M	1189	1517
30M	1352	1722
40M	1531	1953
50M	1754	2233
60M	2021	2576
70M	2268	2890
80M	2514	3203
90M	2587	3293
100M	2628	3346
200M	2759	3517
300M	2891	3684
400M	3022	3850
500M	3154	4017
600M	3491	4444
700M	3723	4741
800M	3956	5036
900M	4143	5276
1000M	4282	5453

b) MetroEthernet Point-to-Multipoint (**PTMP**) (renewed circuits)

Bandwidth	MRC
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	Standard	PTMP with Exchange Diversity
2M	423	508
4M	495	623
6M	642	815
8M	791	1001
10M	890	1126
20M	989	1247
30M	1039	1312
40M	1088	1373
50M	1137	1437
60M	1186	1498
70M	1286	1624
80M	1384	1749
90M	1583	1995
100M	1675	2114
150M	1908	2408
300M	2327	2932
450M	2699	3406
600M	3025	3812
750M	3304	4167
900M	3584	4516
1000M	Waived	4809

c) Multiple VLAN

Service	MRC	OTC
Multiple VLAN	Waived	Waived

d) Standard Gigawave (renewed circuits)

Bandwidth	MRC
1.0625G	3848
1.25G	3848
2G	5789
2.5G	6894

e) Gigawave with Exchange Diversity (renewed circuits)

Bandwidth	MRC
1.0625G	5051
1.25G	5051

f) Enhanced Gigawave (renewed circuits)

Bandwidth	MRC
1.0625G	5051
1.25G	5051
2G	7526
2.5G	8946

g) Enhanced Gigawave with Exchange Diversity (renewed circuits)

Bandwidth	MRC
1.0625G	5774
1.25G	5774
2G	8645
2.5G	10300
4G	14133
10G	17742

h) Enhanced Gigawave with Path Diversity (renewed circuits)

Bandwidth	MRC
1.0625G	7848
1.25G	7848
2G	10825
2.5G	12855

i) Gigawave DC-DC (DWDM Ring) (renewed circuits)

Bandwidth	MRC
1.0625G	3158
1.25G	3158
2G	4285
2.5G	5188
4G	5790
10G	6517

j) Digilink High Speed Grooming

- Tail end circuits in this pricing table will be groomed into Digilink 155Mbps or 622Mbps head-end(s).
- Singtel reserves the right to determine whether a 155Mbps or 622Mbps head-end circuit will be installed.

- The head-end circuits shall be provided free of charge.
- The customer may request to activate a new head-end circuit only when the capacity of each existing head-end circuit has reached 80% utilisation.
- The prices will apply regardless of whether the circuit is in a central or non-central zone
- Respective OTCs will apply for any upgrade of each tail-end circuit

Bandwidth	MRC	OTC
64k	246	400
128k	370	500
192k	514	850
256k	604	850
384k	740	850
512k	830	850
768k	1000	850
1024k	1171	850
1536k	1514	850
1984k	1810	850
2M (without Loop E Converter)	Prevailing list price	1000
2M (with Loop E Converter)	765	2000
2M One-end Exchange Diversity (without Loop E Converter)	930	2000
2M One-End Exchange Diversity (with Loop E Converter)	995	2000

k) Digiplus

Bandwidth	MRC (Central)	MRC (Non-Central)
64k	131.40	131.40
128k	243	243
192k	372.60	372.60
256k	453.60	453.60
384k	576	607.50
512k	657	688.50
768k	810	850.50
1024k	963.90	1012.50
1536k	1272.60	1336.50

1984k	1539	1620
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The prevailing DigiPlus OTC shall apply.

l) Digilink

Bandwidth	MRC		
	Standard	One End Exchange Diversity	Both Ends Exchange Diversity
2M	650	1010	1050
45M	3400	4560	5810
155M	6170	8500	9700
622M	12100	NA	NA

The prevailing DigiLink OTC shall apply.

m) Meg@POP EVPL Ethernetlink PTMP

- Express installation service is not offered for this service.
- Meg@POP EVPL Ethernetlink PTMP head-ends will be provided free of charge.
- The customer may request to activate a new head-end circuit only when the capacity of each existing head-end circuit has reached 80% utilisation.

Bandwidth (Tail-end)	MRC		
	Circuit	Premium Non-real Time Class of Service (CoS)	Premium Real Time CoS
10M	390	172	246
20M	390	172	246
30M	476	229	328
40M	562	315	414
50M	648	343	492
60M	777	429	615
70M	906	515	738
80M	931	549	787
90M	1048	617	886
100M	1164	686	984

The prevailing CoS OTC shall apply.

The OTC for the Meg@POP EVPL Ethernetlink PTMP tail-end circuits is 50% off the prevailing list price.

The following discounts shall apply to the services above:

- a. Term discounts:
 - i. 2 years contract term: 5% off MRC
 - ii. 3 years contract term or above: 10% off MRC
- b. Volume discounts:
 - i. For a bundled order of minimum 3 new circuits of any combination of services and bandwidths submitted together: 100% off OTC

For a bundled offer of minimum 5 new circuits of any combination of services and bandwidths submitted together: 100% off OTC and 10% off MRC

The following tariffs below are applicable for new and/or upgraded circuits only

a) MetroEthernet PTP

Bandwidth	MRC		
	1 year	2 years	≥ 3 years
2M	\$420	\$400	\$380
4M	\$630	\$600	\$570
6M	\$770	\$740	\$700
8M	\$880	\$840	\$790
10M	\$950	\$910	\$860
20M	\$1,080	\$1,030	\$950
30M	\$1,250	\$1,190	\$1,100
40M	\$1,360	\$1,300	\$1,190
50M	\$1,390	\$1,330	\$1,220
60M	\$1,580	\$1,510	\$1,390
70M	\$1,660	\$1,580	\$1,500
80M	\$1,710	\$1,630	\$1,550
90M	\$1,750	\$1,670	\$1,590
100M	\$1,780	\$1,700	\$1,620
200M	\$2,310	\$2,200	\$2,090
300M	\$2,770	\$2,640	\$2,510
400M	\$2,980	\$2,840	\$2,610
500M	\$3,110	\$2,960	\$2,730
600M	\$3,250	\$3,090	\$2,840
700M	\$3,460	\$3,290	\$3,030
800M	\$3,680	\$3,500	\$3,220
900M	\$3,850	\$3,670	\$3,380
1000M	\$4,150	\$3,950	\$3,700

b) MetroEthernet PTP with Exchange Diversity

Bandwidth	MRC		
	1 year	2 years	≥ 3 years
2M	\$378	\$360	\$342
4M	\$567	\$540	\$513
6M	\$693	\$666	\$630
8M	\$792	\$756	\$711
10M	\$855	\$819	\$774
20M	\$972	\$927	\$855
30M	\$1,125	\$1,071	\$990
40M	\$1,224	\$1,170	\$1,071
50M	\$1,251	\$1,197	\$1,098
60M	\$1,422	\$1,359	\$1,251
70M	\$1,494	\$1,422	\$1,350
80M	\$1,539	\$1,467	\$1,395
90M	\$1,575	\$1,503	\$1,431
100M	\$1,602	\$1,530	\$1,458
200M	\$2,079	\$1,980	\$1,881
300M	\$2,493	\$2,376	\$2,259
400M	\$2,682	\$2,556	\$2,349
500M	\$2,799	\$2,664	\$2,457
600M	\$2,925	\$2,781	\$2,556
700M	\$3,114	\$2,961	\$2,727
800M	\$3,312	\$3,150	\$2,898
900M	\$3,465	\$3,303	\$3,042
1000M	\$3,735	\$3,555	\$3,330

c) MetroEthernet PTP with Path Diversity

Bandwidth	MRC		
	1 year	2 years	≥ 3 years
2M	\$546	\$520	\$494
4M	\$819	\$780	\$741
6M	\$1,001	\$962	\$910
8M	\$1,144	\$1,092	\$1,027
10M	\$1,235	\$1,183	\$1,118
20M	\$1,404	\$1,339	\$1,235
30M	\$1,625	\$1,547	\$1,430
40M	\$1,768	\$1,690	\$1,547
50M	\$1,807	\$1,729	\$1,586
60M	\$2,054	\$1,963	\$1,807
70M	\$2,158	\$2,054	\$1,950
80M	\$2,223	\$2,119	\$2,015
90M	\$2,275	\$2,171	\$2,067
100M	\$2,314	\$2,210	\$2,106
200M	\$3,003	\$2,860	\$2,717
300M	\$3,601	\$3,432	\$3,263

400M	\$3,874	\$3,692	\$3,393
500M	\$4,043	\$3,848	\$3,549
600M	\$4,225	\$4,017	\$3,692
700M	\$4,498	\$4,277	\$3,939
800M	\$4,784	\$4,550	\$4,186
900M	\$5,005	\$4,771	\$4,394
1000M	\$5,395	\$5,135	\$4,810

d) MetroEthernet PTMP

Bandwidth	MRC		
	1 year	2 years	≥ 3 years
2M	\$340	\$320	\$300
4M	\$430	\$410	\$390
6M	\$490	\$470	\$450
8M	\$560	\$530	\$500
10M	\$600	\$570	\$540
20M	\$770	\$730	\$690
30M	\$890	\$850	\$810
40M	\$1,000	\$950	\$900
50M	\$1,080	\$1,030	\$980
60M	\$1,160	\$1,100	\$1,050
70M	\$1,220	\$1,160	\$1,100
80M	\$1,280	\$1,220	\$1,160
90M	\$1,340	\$1,270	\$1,210
100M	\$1,390	\$1,320	\$1,250
200M	\$1,610	\$1,530	\$1,450
300M	\$1,810	\$1,720	\$1,630
400M	\$2,160	\$2,050	\$1,950
500M	\$2,440	\$2,320	\$2,150
600M	\$2,570	\$2,440	\$2,240
700M	\$2,680	\$2,550	\$2,390
800M	\$2,890	\$2,750	\$2,550
900M	\$3,090	\$2,940	\$2,670

e) MetroEthernet PTMP with Exchange Diversity

Bandwidth	MRC		
	1 year	2 years	≥ 3 years
2M	\$306	\$288	\$270
4M	\$387	\$369	\$351
6M	\$441	\$423	\$405
8M	\$504	\$477	\$450
10M	\$540	\$513	\$486
20M	\$693	\$657	\$621

30M	\$801	\$765	\$729
40M	\$900	\$855	\$810
50M	\$972	\$927	\$882
60M	\$1,044	\$990	\$945
70M	\$1,098	\$1,044	\$990
80M	\$1,152	\$1,098	\$1,044
90M	\$1,206	\$1,143	\$1,089
100M	\$1,251	\$1,188	\$1,125
200M	\$1,449	\$1,377	\$1,305
300M	\$1,629	\$1,548	\$1,467
400M	\$1,944	\$1,845	\$1,755
500M	\$2,196	\$2,088	\$1,935
600M	\$2,313	\$2,196	\$2,016
700M	\$2,412	\$2,295	\$2,151
800M	\$2,601	\$2,475	\$2,295
900M	\$2,781	\$2,646	\$2,403

f) MetroEthernet PTMP with Path Diversity

Bandwidth	MRC		
	1 year	2 years	≥ 3 years
2M	\$442	\$416	\$390
4M	\$559	\$533	\$507
6M	\$637	\$611	\$585
8M	\$728	\$689	\$650
10M	\$780	\$741	\$702
20M	\$1,001	\$949	\$897
30M	\$1,157	\$1,105	\$1,053
40M	\$1,300	\$1,235	\$1,170
50M	\$1,404	\$1,339	\$1,274
60M	\$1,508	\$1,430	\$1,365
70M	\$1,586	\$1,508	\$1,430
80M	\$1,664	\$1,586	\$1,508
90M	\$1,742	\$1,651	\$1,573
100M	\$1,807	\$1,716	\$1,625
200M	\$2,093	\$1,989	\$1,885
300M	\$2,353	\$2,236	\$2,119
400M	\$2,808	\$2,665	\$2,535
500M	\$3,172	\$3,016	\$2,795
600M	\$3,341	\$3,172	\$2,912
700M	\$3,484	\$3,315	\$3,107
800M	\$3,757	\$3,575	\$3,315
900M	\$4,017	\$3,822	\$3,471

g) MetroEthernet Data-Centre to Data-Centre

Bandwidth	MRC		
	1 year	2 years	≥ 3 years
2M	\$400	\$380	\$360
4M	\$470	\$450	\$430
6M	\$540	\$510	\$490
8M	\$600	\$570	\$540
10M	\$660	\$620	\$590
20M	\$720	\$680	\$640
30M	\$830	\$780	\$740
40M	\$940	\$890	\$850
50M	\$1,030	\$970	\$920
60M	\$1,170	\$1,110	\$1,050
70M	\$1,310	\$1,240	\$1,180
80M	\$1,460	\$1,380	\$1,310
90M	\$1,520	\$1,450	\$1,370
100M	\$1,570	\$1,500	\$1,420
200M	\$1,800	\$1,710	\$1,620
300M	\$1,890	\$1,790	\$1,700
400M	\$1,970	\$1,870	\$1,770
500M	\$2,050	\$1,950	\$1,850
600M	\$2,140	\$2,030	\$1,930
700M	\$2,280	\$2,170	\$2,050
800M	\$2,430	\$2,300	\$2,180
900M	\$2,540	\$2,410	\$2,290
1000M	\$2,600	\$2,460	\$2,320

h) Standard Gigawave

Bandwidth	MRC	
	1 year	≥ 2 years
1G	\$3,110	\$2,960
2G	\$4,280	\$4,080
2.5G	\$5,090	\$4,850
4G	\$5,690	\$5,420
10G	\$7,190	\$6,850
100G	\$35,280	\$33,600

i) Gigawave with Path Diversity

Bandwidth	MRC	
	1 year	≥ 2 years
1G	\$4,040	\$3,850
2G	\$5,570	\$5,300
2.5G	\$6,620	\$6,300
4G	\$7,390	\$7,040

10G	\$9,350	\$8,900
100G	\$45,860	\$43,680

j) Enhanced Gigawave

Bandwidth	MRC	
	1 year	≥ 2 years
1G	\$4,100	\$3,900
2G	\$5,650	\$5,380
2.5G	\$6,710	\$6,390
4G	\$7,500	\$7,140
10G	\$9,470	\$9,020
100G	\$46,500	\$44,290

k) Enhanced Gigawave with Path Diversity

Bandwidth	MRC	
	1 year	≥ 2 years
1G	\$5,320	\$5,070
2G	\$7,340	\$6,990
2.5G	\$8,730	\$8,310
4G	\$9,740	\$9,280
10G	\$12,320	\$11,730
100G	\$60,450	\$57,570

l) Gigawave DC-DC

Bandwidth	MRC	
	1 year	≥ 2 years
1G	\$2,650	\$2,520
2G	\$3,590	\$3,420
2.5G	\$3,650	\$3,480
4G	\$4,060	\$3,870
10G	\$4,410	\$4,200
100G	\$30,870	\$29,400

m) OTC (per site) for new MetroEthernet and Gigawave circuits

Service	OTC	
	1 year	≥ 2 years
MetroEthernet	Normal: 50% off prevailing list price Express: Prevailing list price	Normal: 100% off prevailing list price Express: 50% off prevailing list price
Gigawave		

Terms and Conditions:

1. **(With effect from 28 February 2019)** The contract term for the Customised Scheme is 1 year, with an option to extend on a monthly basis for up to a total of six (6) months.
2. The minimum contract term for the services subscribed under the Customised Scheme is 1 year.
3. The services subscribed under the Customised Scheme are subject to resource availability.
4. The customer shall not resell the service(s) subscribed under the Customised Scheme “as is”, or as a standalone service but may use the service(s) as part of its own network to offer its own services.
5. Circuits subscribed under the Customised Scheme will continue at the customised prices after expiry of the circuit contract term.
6. Relocation charges for services subscribed under the Customised Scheme shall be equivalent to the OTC, subject to the following conditions:
 - a. Relocation of tail-end circuit: The customer must produce evidence that the customer’s end user is relocating from the existing location to the new location, failing which the request for relocation shall be deemed as a request for termination and a request for new supply of the service at the requested location. In such an event, the premature termination charge (**PTC**) shall apply subject to the next section.
 - b. Relocation of head-end circuit: the relocation charge shall comprise the OTC for each end that is relocated.
7. All other standard prices, terms and conditions of the Singtel MetroEthernet, DigiNet, Gigawave and Meg@POP services shall remain applicable.

Suspension and Termination Provisions:

The customer shall enjoy a PTC waiver for up to 25 circuits within the Customised Scheme contract term, subject to the following conditions:

- a. Circuits with a contract term of one (1) year must have fulfilled at least 75% of their contract term (i.e. nine (9) months);

- b. Circuits with a contract term of two (2) years or more must have fulfilled at least 50% of their contract term

Refer to www.singtel.com

Eligibility:

The Customised Scheme will be offered to all similarly situated customers who satisfy the following criteria:

- a) has or is willing to commit to a minimum annual spend of \$10.2 million on Singtel Group services;
- b) **(With effect from 28 February 2019)** is willing to subscribe to 130 MetroEthernet and/or Gigawave services under the Customised Scheme;
- c) is a duly licensed Facilities-Based Operator (**FBO**) or Services-Based Operator (**SBO**); and
- d) accepts the terms and conditions of the Customised Scheme in its entirety.