

Effective Date:	22 September 2011
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Name of Service:	Meg@POP, DigiNet, MetroEthernet and GigawaveLite Services. <i>For additional details, refer to www.singtel.com.</i>
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Description:	Customised Meg@POP, DigiNet, MetroEthernet and GigawaveLite Scheme (Customised Scheme)
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Prices (including discounts):

- a) DigiLink N x 2M and N x 64K Tail End grooming to 155M Head End (retail)

Speed	Monthly Recurring Charge (S\$)	Installation Charge (S\$)
<i>Tail End</i>		
64K	148	300
128K	230	400
192K	330	750
256K	400	750
384K	535	750
512K	605	750
768K	745	750
1024K	840	750
2M	870	750
<i>Head End</i>		
155M	13,200	10,000

- b) Other DigiLink services

Speed	Monthly Recurring Charge (S\$)	Installation Charge (S\$)
N x 64k	750	1,800
2M	700	1,800
45M	3570	9,000
155M	6479	9,000
622M	20100	9,000

The express installation charge is two (2) times the above charge.

c) DigiPlus

Speed	Monthly Recurring Charge (S\$)	Installation Charge (S\$)
64K	132	270
128K	243	360
192K	373	675
256K	454	675
384K	576	675
512K	657	675
768K	810	675
1024K	964	675
1536K	1,273	675
1984K	1,539	675

The express installation charge is two (2) times the above charge.

d) GigawaveLite MRC

Bandwidth	Optical Interface	Unprotected (\$)	Unprotected with Exchange Diversity (\$)	Protected (\$)	Protected with Exchange Diversity (\$)
100M	Fast Ethernet	4,743	6,075	6,075	7,902
200M	ESCON	5,049	6,570	6,570	8,541
1.0625G	FICON	5,760	7,560	7,560	8,640
1.0625G	Fibre Channel	5,760	7,560	7,560	8,640
1.25G	Gigabit Ethernet	5,760	7,560	7,560	8,640
2G	Fibre Channel	7,920	10,350	10,350	11,880
2.5G	STM-16	9,450	12,330	12,330	14,220
4G	Fibre Channel	12,870	16,740	16,740	19,350
10G	STM-64	16,290	21,240	21,240	24,480
10G	10 Gigabit Ethernet	16,290	21,240	21,240	24,480

e) GigawaveLite Unprotected Ultra Low Latency MRC

Speed	Optical Interface	Unprotected (\$)
1.25G	Gigabit Ethernet	10,368
10G	10 Gigabit Ethernet	29,322

f) GigawaveLite OTC

Standard Installation Charge (S\$)	
Site Charge	500
Link Charge	500
Channel Charge	500

The express installation charge is two (2) times the above charge. For the avoidance of doubt, express installation is not available for services with bandwidths of more than 1.25Gbps.

g) MetroEthernet Point-to-Point MRC

Speed	Standard (S\$)	One-End Exchange Diversity (S\$)	Both-Ends Exchange Diversity (S\$)
2M	779	1013	1246
4M	1008	1310	1613
6M	1277	1660	2043
8M	1411	1834	2258
10M	1546	2010	2474
20M	1680	2184	2688
30M	1986	2582	3178
40M	2260	2938	3616
50M	2465	3205	3944
60M	2808	3650	4493
70M	3150	4095	5040
80M	3492	4540	5587
90M	3835	4986	6136
100M	4147	5391	6635
200M	4355	5662	6968
300M	4562	5931	7299
400M	4769	6200	7630
500M	4977	6470	7963
600M	5184	6739	8294
700M	5530	7189	8848
800M	5875	7638	9400
900M	6152	7998	9843
1000M	6359	8267	10174

h) MetroEthernet Point-to-Multipoint MRC

Speed	Standard (S\$)	One-End Exchange Diversity (S\$)
2M	544	707
4M	672	874
6M	874	1136
8M	1075	1398
10M	1210	1573
20M	1344	1747
30M	1411	1834
40M	1478	1921
50M	1531	1990
60M	1597	2076
70M	1731	2250
80M	1864	2423
90M	2130	2769
100M	2396	3115
150M	2729	3548
300M	3328	4326
450M	3860	5018
600M	4326	5624
750M	4726	6144
900M	5125	6663
1000M	5458	7095

i) MetroEthernet Point-to-MultiPoint Multiple Head-End Package MRC

Speed	Standard (S\$)
150M	3,083
300M	3,760
450M	4,106
600M	4,685
750M	5,091
900M	5,670
1000M	5,794

- Point-to-Multipoint bandwidths of 150M to 1000M will be handed over as a GigE interface.
- All MetroEthernet Point-to-Multipoint head-end circuits subscribed under the Customised Scheme must be provisioned in the same A-end location i.e. at the same POP.

- The first head-end circuit must have a minimum bandwidth of 150M.
- The customer may activate a second head-end circuit only if there are at least 60 tail-end circuits connected to the first head-end circuit.
- Thereafter, SingTel shall at its sole discretion decide to activate subsequent head-end circuits (i.e. from the third head-end circuit onwards) provided that the capacity of each of the existing head-end circuits is at least 80% utilised.
- The total bandwidth under the Head-End package must be equivalent to or larger than the bandwidth of the initial head-end circuit.
- In the event that the customer terminates a head-end circuit(s) if there is only one head-end left then this remaining head-end will automatically be converted to a standard Point-to-Multipoint MetroEthernet chargeable at the price listed in table (h).

j) MetroEthernet Point-to-MultiPoint Packages OTC

Standard Installation Charge (S\$)	
Site Charge	500
Link Charge	500
Channel Charge	500

The express installation charge is two (2) times the above charge.

k) Meg@POP IP VPN EthernetLink (wholesale) MRC

Speed	Standard (S\$)	With Exchange Diversity (S\$)	Enhanced (S\$)	Enhanced with Exchange Diversity (S\$)
1M	313	407	Not available	Not available
2M	313	491	Not available	Not available
3M	313	535	470	772
4M	313	535	470	772
5M	313	535	470	772
6M	313	535	470	772
7M	313	535	470	772
8M	313	535	470	809
9M	313	535	470	809
10M	313	534	470	809
20M	313	534	470	809
30M	353	651	532	923
40M	378	648	594	1026

50M	410	711	601	1039
60M	486	864	756	1296
70M	486	864	756	1296
80M	648	1134	972	1674
90M	648	1134	972	1674
100M	756	1296	1134	1944
200M	1152	1958	1728	Not available
300M	1728	2880	2592	Not available
400M	2304	3629	3168	Not available
500M	2880	4032	3456	Not available
600M	3600	4740	4200	Not available
700M	3960	5179	4569	Not available
800M	4320	5678	4937	Not available
900M	5040	6586	5712	Not available
1000M	5400	7020	6075	Not available

l) Meg@POP IP VPN EthernetLink (wholesale) OTC

Speed	Standard (S\$)	Express (S\$)
Below 3M	375	750
3M and above	1,000	2,000

m) Meg@POP IP VPN EthernetLink Auto Backup (wholesale)

Speed	Monthly Recurring Charge (S\$)	Installation Charge (S\$)
3M	298	1,000
4M	298	1,000
5M	298	1,000
6M	298	1,000
7M	298	1,000
8M	298	1,000
9M	298	1,000
10M	298	1,000
20M	298	1,000
30M	340	1,000
40M	357	1,000
50M	391	1,000
60M	510	1,000
70M	510	1,000

80M	680	1,000
90M	680	1,000
100M	765	1,000
200M	1,105	1,000
300M	1,700	1,000
400M	1,870	1,000
500M	2,040	1,000
600M	2,465	1,000
700M	2,720	1,000
800M	2,890	1,000
900M	3,145	1,000
1000M	3,315	1,000

n) Meg@POP IP VPN eLite (wholesale)

Speed	Monthly Recurring Charge (S\$)	Installation Charge (S\$)
5M	121	150
10M	121	150
20M	138	150
30M	138	150
40M	176	150
50M	176	150
60M	220	150
70M	220	150
80M	253	150
90M	253	150
100M	253	150

o) Meg@POP IP VPN BizLink (wholesale)

Speed	Monthly Recurring Charge (S\$)	Installation Charge (S\$)
0.512M	131	100
1M	131	100
1.5M	131	100
2M	131	100
3M	179	100
4M	211	100
6M	211	100
8M	211	100

10M	211	100
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The express installation charge is two (2) times the above charge.

p) Meg@POP IP VPN BizLink Auto Backup (wholesale)

Speed (Mbps)	Monthly Recurring Charge (S\$)	Installation Charge (S\$)
0.512M	82	100
1M	82	100
1.5M	82	100
2M	82	100
3M	110	100
4M	110	100
6M	110	100
8M	110	100
10M	110	100

q) Meg@POP IP VPN iLink (wholesale)

Speed (Mbps)	Monthly Recurring Charge (S\$)	Installation Charge (S\$)
0.512M	75	100

The express installation charge is two (2) times the above charge.

r) Meg@POP IP VPN SymLink (wholesale)

Speed	Monthly Recurring Charge (S\$)	Installation Charge (S\$)
0.512M	167	100
1M	220	100
2M	237	100

The express installation charge is two (2) times the above charge.

s) Meg@POP IP VPN vLink (wholesale)

Speed down/up	Monthly Recurring Charge (S\$)	Installation Charge (S\$)
128K/ 512K	78	100
256K/ 768K	118	100

The express installation charge is two (2) times the above charge.

t) Meg@POP IP VPN mLink: 1Mbps – 4Mbps

Bandwidth (up to)	Monthly Recurring Charge (S\$)	Installation Charge (S\$)	Data Bundle
1Mbps download/ 384Kbps upload	71	25	30GB
2Mbps download/ 512kbps upload	89	25	50GB
4Mbps download/ 1Mbps upload	116	25	50GB

Excess data charges are applicable upon exceeding the data bundle bandwidth above. The excess data is charged at \$0.0005 for the first 10 KB and thereafter for every subsequent 2 KB used shall be charged at \$0.0001 per session capped at maximum of \$88. Session means a series of interaction between two communications end points that occur during the span of a single connection.

u) Meg@POP IP VPN mLink: 21Mbps

Bandwidth (up to)	Monthly Recurring Charge (S\$)	Installation Charge (S\$)	Data Bundle
21Mbps download/ 5.76Mbps upload	32	25	1GB
21Mbps download/ 5.76Mbps upload	48	25	5GB
21Mbps download/ 5.76Mbps upload	64	25	10GB
21Mbps download/ 5.76Mbps upload	200	25	50GB

Excess data charges are applicable to Customer upon exceeding the data bundle bandwidth provided in Table 24. The excess data is charged at \$0.005 for the first 10KB and thereafter for every subsequent 2 KB used shall be charged at \$0.001. per session (“**Session**”) capped at maximum of \$300. Session means a series of interaction between two communications end points that occur during the span of a single connection.

v) Meg@POP IP VPN E-Access

Speed	Monthly Recurring Charge (S\$)	Installation Charge (S\$)
2M	376	Prevailing list price will apply
4M	376	
6M	376	
8M	376	
10M	376	
15M	376	
20M	376	
25M	376	
30M	420	
40M	512	
50M	600	
60M	692	
70M	780	
80M	868	
90M	960	
100M	1048	
200M	2640	
300M	3680	
400M	4720	
500M	5680	
600M	6640	
700M	7680	
800M	8720	
900M	9680	
1000M	10720	

w) Meg@POP EVPL EthernetLink Point-to-Point (wholesale)

Speed	Monthly Recurring Charge (S\$)	Installation Charge (S\$)
10M	523	1,500
20M	533	1,500
30M	613	1,500
40M	700	1,500
50M	794	1,500
60M	929	1,500
70M	1075	1,500
80M	1069	1,500
90M	1202	1,500
100M	1336	1,500
200M	3100	1,500
300M	3969	1,500
400M	4872	1,500
500M	5775	1,500

x) Meg@POP EVPL EthernetLink Point-to-Multipoint (wholesale)

Speed	Monthly Recurring Charge (S\$)	Installation Charge (S\$)
10M	410	1,000
20M	415	1,000
30M	490	1,000
40M	590	1,000
50M	680	1,000
60M	820	1,000
70M	945	1,000
80M	978	1,000
90M	1110	1,000
100M	1200	1,000
200M	2800	1,000
300M	3800	1,000
400M	5166	1,000
500M	6000	1,000

y) Meg@POP EVPL EthernetLink Point-to-Multipoint Head End (wholesale)

Speed	Monthly Recurring Charge (S\$)	Installation Charge (S\$)
100M	340	1,000
1000M	2125	1,000

1. Express installation will not be offered for the above services except where indicated otherwise.
2. The contract term for the Customised Scheme and each circuit subscribed under the Customised Scheme is one (1) year with the exception of the MetroEthernet Point-to-Multipoint head-end circuits. For MetroEthernet Point-to-Multipoint head-end circuits, the contract term for the first head-end circuit will be one (1) year and subsequent head-end circuits will be contracted such that the expiry of all head-end circuits will be on the same date. E.g. if the second head-end circuit is contracted three (3) months into the contract term for the first head-end circuit then the contract term for the second head-end circuit will be nine (9) months. In the event that the contract term for the first head-end circuit has expired and the customer wishes to subscribe to a second head-end circuit, the customer will be required to renew the contract term of the first head-end circuit prior to subscribing to the second head-end circuit.

Terms and Conditions:

Revenue Commitment

1. The customer is required to commit to a minimum annual revenue commitment of \$9M on DigiNet, GigawaveLite, MetroEthernet and Meg@POP services subscribed under the Customised Scheme. For the avoidance of doubt, spending on one-time charges will not be included in the calculation of the annual spend.
2. For the avoidance of doubt, if the customer chooses to subscribe to any Meg@POP, DigiNet, MetroEthernet or GigawaveLite services outside the Customised Scheme, spending on these services will be included in the calculation of the annual spend subject to the terms and conditions governing these services.
3. In the event that the customer fails to meet this commitment, the customer shall pay SingTel the difference.

Migration

3. In the event that the customer migrates a service (i.e. moves from one service to another), any applicable premature termination charge shall be waived, except for

Meg@POP Service E-Access and mLink, subject to the following conditions:

- a) the new service must be within the same location and service the same end user;
- b) the contract value of the new service must not be lower than the remaining contract value of the existing service;
- c) the monthly recurring charge of the new service must not be lower than the contract monthly recurring charge of the existing service; and
- d) the new service shall have a new minimum subscription period with a start date from the date of migration.

Relocation

4. For DigiLink, Meg@POP EVPL EthernetLink Point-to-Point (Wholesale), MetroEthernet Point-to-Point and GigawaveLite services:
 - a) The customer can request for the relocation of one (1) end of the service by providing one (1) month's prior written notice to SingTel. The actual provisioning date at the requested location site is subject to resource availability at the new location site. The relocation charge shall be equivalent to the one-time installation charge as stipulated in the tables above.
 - b) A request to relocate both ends of the service shall be deemed to be a request for the termination of that service and a request for the supply of a new service at the requested location. The premature termination charge shall apply to any such request.
5. For Meg@POP services (Wholesale) (except EVPL EthernetLink Point-to-Point), MetroEthernet Point-to-Multipoint DigiLink N x 2M and N x 64K Tail End grooming to 155M Head End:
 - a) Relocation of tail end: If the customer requests for any tail end to be relocated, the customer must produce evidence that the customer's end user is relocating from the existing end user's location to the new end user's 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 shall apply.
 - b) Relocation of head end: If the Customer requests for any head end to be relocated, the customer must produce evidence that the relocation is due to a change in the customer's operations centre, failing which the request for relocation shall be deemed as a request for termination and a request for new supply of a new service at the requested location. The premature termination charge shall apply to such the relocation request.
6. Meg@POP E-Access relocation is subject to Nucleus Connect's terms and conditions.

Key Terms and Conditions

7. There shall be no auto-renewal for the Customised Scheme.
8. No further discounts, other than the following term discounts, shall apply to the customised prices:
 - a) 2-year contract term: 5% off MRC
 - b) 3-year or more contract term: 10% off MRC
9. The MetroEthernet (Point-to-Point), GigawaveLite, DigiNet (Point-to-Point) and Meg@POP EVPL (Point-to-Point) services are solely for the purpose of connecting to an international gateway for the provision of international services, with one end connecting to the customer's POP.
10. The Meg@POP services (except EVPL EthernetLink (Point-to-Point)), MetroEthernet (Point-to-Multipoint), and DigiNet N x 2M and N x 64K tail-end grooming to 155M head-end shall be configured as a tail-end if provisioned at the end users' premises and configured as a head-end if provisioned at the customer's operations centre. These services must be connected to the customer's public virtual private network (VPN) when used to provide Internet access services to end users.
11. The customer shall not resell the service(s) subscribed under the Customised Scheme "as is", as a standalone service or for the purpose second tier resale in any form whatsoever unless otherwise agreed by both SingTel and the customer in writing.
12. In the event that SingTel's prevailing list price for the service(s) offered under the Customised Scheme is equal, lower or up to 10% higher than the monthly recurring charges in paragraph 2.1, either SingTel or the customer may, by giving at least thirty (30) days' notice of writing, initiate a price review. For the avoidance of doubt, any price review for a specific service shall not affect the prices of the other services offered under the Customised Scheme.
13. During the price review, all new orders including upgrade orders for the affected service shall be charged at either SingTel's prevailing list prices or the customised prices herein, whichever is lower.
14. Once the price review has been completed, SingTel will submit a filing for the new prices for the IDA's approval. The new prices shall apply only to new circuits, upgrades and renewal orders.
15. Services subscribed under the Customised Scheme are subject to resource availability.
16. All other terms and conditions of the SingTel DigiNet, GigawaveLite, MetroEthernet and Meg@POP services shall apply.

Suspension and Termination Provisions:

refer to www.singtel.com

Eligibility:

The Customised Scheme will be offered to any customer who satisfies the following criteria:

- is a duly licensed Facilities-Based Operator (FBO) or Service-Based Operator (SBO) license in Singapore; and
- accepts the terms and conditions of the Customised Scheme in its entirety.