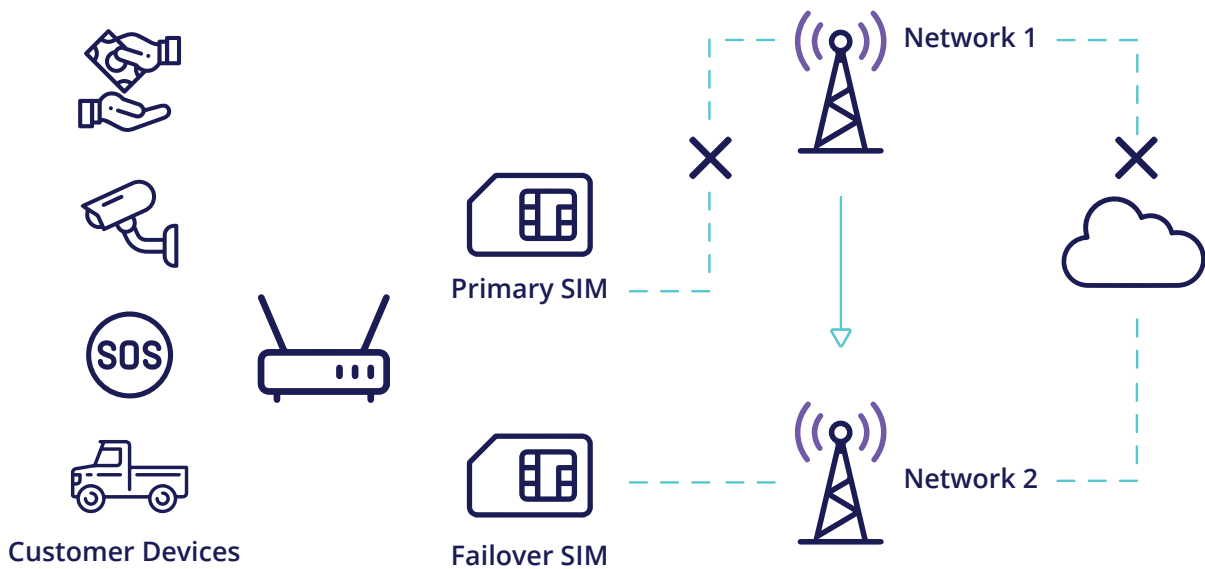# Managed Failover Service

With so many businesses now relying on cellular connections to power their business transactions, having reliable uptime on your internet connection is now more critical than ever. Many people forget that all networks will experience minor outages (no network can provide 100% uptime).

That is why M2M One can offer a fully-managed Failover Service to keep you online if your primary link goes down. This means that if there is a network outage on your primary cellular network, we can provide full secondary network coverage, keeping your devices online.

We will also work with you to manage data usage, preventing bill shock should you need to utilise the failover network.

Customer Devices

Primary SIM

Failover SIM

Network 1

Network 2

Contact us today for an in-depth discussion on your business' failover requirements.

Industries and Applications currently benefiting from M2M One's Managed Failover Service:
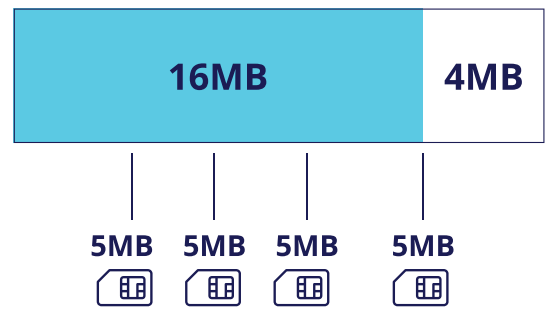

Business Continuity & Failover

Smart Utilities & Environmental Monitoring

Transport, Telematics & Logistics

Medical & Patient Monitoring

Payments & POS

Remote Management & SCADA

Security & Alarms

Digital Media & Signage

M2M One Failover Plans (Flexible Pool)

20MB POOL

16MB	4MB

5MB **5MB** **5MB** **5MB**

With group data plans every active SIM on the **same rate plan** contributes its data allowance to create a "pool" of data across your SIM fleet - For example 4 x 5MB SIM cards gives you a pool of 20MB.

(Note: SIM Cards do not pool across different rate plans)

If you exceed the limit of the pool you can move to a larger plan at any point in the calendar month.

M2M One Group Data Plans	Price per SIM per Month (Volume Discount is automatic based on Active Services per Rate Plan) All pricing is in Australian Dollars ($AUD) and EX-GST					Excess Usage Per MB
Pooled Data Contribution per SIM per Month	1 - 99 Services	100 - 249 Services	250 - 499 Services	500 - 999 Services	1000+ Services	
0.05MB - Group	$1.70	$1.60	$1.50	$1.40		$18.70
0.5MB - Group	$2.70	$2.43	$2.30	$1.24		$4.68
1MB - Group	$3.50	$3.15	$2.98	$2.74		$2.81
3MB - Group	$4.65	$4.19	$3.96	$3.64		$1.22
5MB - Group	$5.75	$5.18	$4.89	$3.94		$0.94
10MB - Group	$7.00	$6.30	$5.95	$4.79		$0.56
50MB - Group	$7.80	$7.30	$6.90	$6.20	M2M One will provide a custom quote for volumes over 1000 Active Services	$0.14
150MB - Group	$9.50	$8.80	$8.30	$7.50		$0.06
300MB - Group	$10.25	$10.00	$9.40	$9.10		$0.04
500MB - Group	$12.80	$12.15	$11.75	$11.50		$0.04
1GB - Group	$14.95	$14.25	$13.65	$13.40		$0.04
3GB - Group	$27.50	$26.00	$25.00	$24.00		$0.04
10GB - Group	$59.00	$55.00	$52.00	$49.00		$0.04
50GB - Group	$265.00	$250.00	$240.00	$235.00		$0.04

About M2M One Failover Plans

You may only use the Failover Service to obtain a secondary network coverage when there is an outage on your primary Telstra network. You must not use the Failover Service as your primary source of network coverage.

We will also work with you to manage your data usage, preventing bill shock should you need to use the Failover Service. We will use our reasonable endeavours to monitor your data usage through the Optus M2M Control Centre, which is powered by Jasper Wireless, with the aim of reducing the risk that you may exceed the data limits on your Data Plans. We will regularly check the Data Plans offered by Optus to see whether you have the most suitable Data Plans for your network. If we think you should change a Data Plan, we will tell you. We will also tell you if we become aware that your usage exceeds your current data limits. If you exceed the data limits under a Data Plan for any reason, you must pay the excess usage charges that apply.

M2M SIM Cards

M2M One provide a full range of form factors for SIM cards designed to fit any M2M/IoT Device.

M2M SIM Cards	Price per SIM 1-99	Price per SIM 100+
Tri-Punch SIM Card 2FF/ 3FF / 4FF	$3.00	$2.50
M2M Solderable SIM Chip (MFF2)	$6.00	

All contracts include a flat $5 Service Fee on invoices delivered in the monthly Billing Cycle.

M2M One Additional Features (Optional)

NOTE: All additional features require a minimum data plan of at least 0.05MB per month

M2M ONE VPN Services

VPN Setup	Set-Up Cost
IP Address Pool (Required)	$1700.00
Network Change Request	$125.00
IPSEC VPN - Hardware	*Included*

M2M One VPN - Your own private IP range on the M2M One Network.

M2M One VPN gives you your own private IP subnet on our private APN. This allows direct access to devices in the field using a unique static IP address.

The IP Addresses allocated to your devices using VPN are private, and access to them from the public internet is prohibited by strict firewall rules. Making VPN a robust and secure network for sensitive data.

To communicate with your VPN devices you will need to use point-to-point between devices on your VPN Network or by using an IPSEC VPN.

SMS Messaging

Outbound SMS Messaging

Outbound SMS messages sent per Account per Month	Price per Outbound SMS Message
1 - 10000	$0.14
10000+	$0.09

SMS Messaging with M2M One

M2M One services can have SMS messaging enabled at any time.

SMS messaging is charged on a Pay As You Go (PAYG) Basis, and only applies to messages that originate from your SIM Card (Outbound SMS). There is no charge to recieve SMS messages on any M2M One plan.

SMS charges are calculated on the volume of Outbound SMS Messages per account, not per SIM.

Voice Calling

Outbound Voice	Included Voice per Month		
Number of Active Services on Plan	PAYG per second	1 Minute Bundle	10 Minute Bundle
1 - 499	$0.012	$0.69	$4.00
500 - 999	$0.012	$0.62	$3.60
1000+	*M2M One to provide a custom quote*		

Voice Calling with M2M One

M2M One offer traditional voice services for use with M2M Devices that require an outbound or inbound voice component (i.e. Duress Alarms, etc).

Usage outside of the allocated bundle will be billed at the Pay As You Go (PAYG) rate.

M2M One Pricing Terms & Conditions

- All pricing is in Australian Dollars and Excludes GST.
- Domestic Australian shipping is $15.00 per order and dispatched in 24 hours via Star Trak Express.
- International shipping can be done via customer's preferred freight provider or quoted on order via DHL.
- SIM Cards are invoiced at the time of purchase - Data plans are invoiced at the time of activation.
- Unless otherwise agreed invoices are generated monthly in advance with 7 day payment terms.
- M2M One accept payment via Credit Card (Surcharge Applies), EFT or Direct Debit.

M2M One VPN Services

M2M One SIM Cards can be configured with private IP Networking solutions for secure and efficient IoT traffic management.

Remote Software Client

Do your devices need to access to hosts on the public internet?

Our internet gateway allows your devices to make outbound connections using managed firewall rules to communicate with your remote hostson the internet.

Our firewall ensures that your wireless devices are secure by barring uninitiated sessions from external hosts.

Features

Description: Turn key network with tailored internet access

IP Addressing: Private Static IP

PDP Authentication: Simple Authentication

VPN Access:

Site-to-Site VPN Access

Does your app need to initiate connectivity, or remotely access your devices?

M2M One's Site to site VPN solution is a secure pipeline into your network, that enables you to securely transfer data to and from your remote wireless devices.

We provide Site to Site connectivity from your organisations head office or any permanent site.
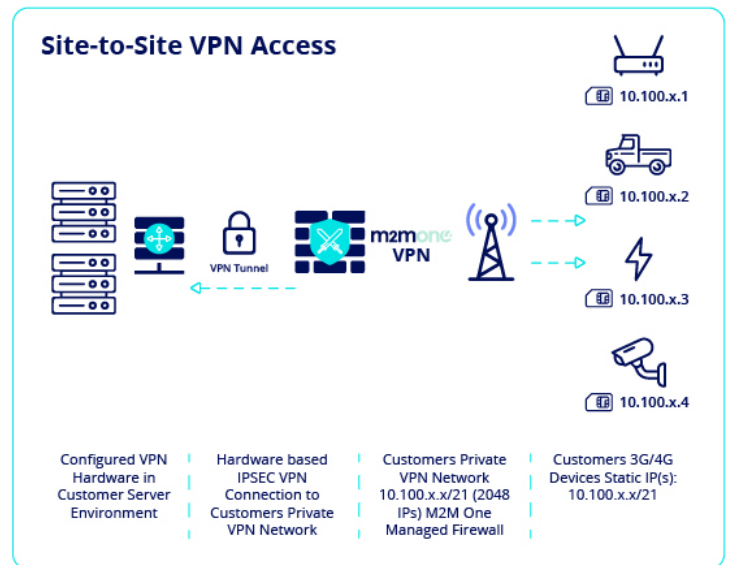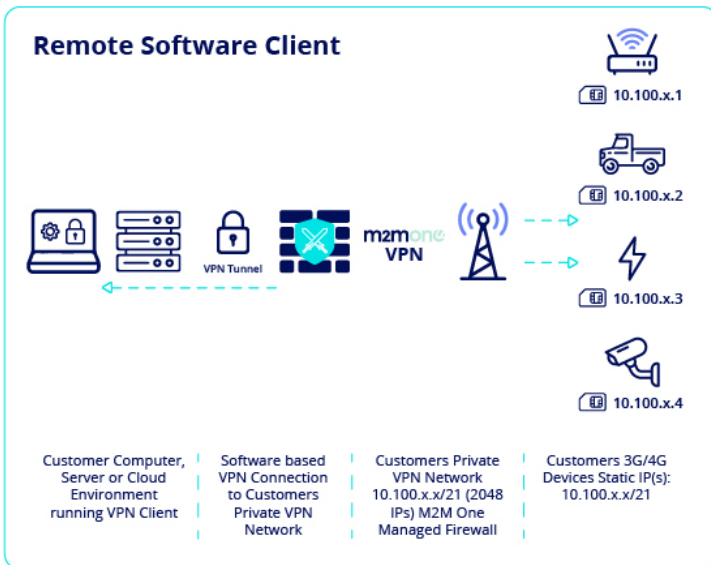
VPN Features

Description: Turn key network with Site to Site IPsec remote access

IP Addressing: Private Static IP

PDP Authentication: Simple Authentication

VPN Access: Yes

Remote Software Client

| Customer Computer, Server or Cloud Environment running VPN Client | Software based VPN Connection to Customers Private VPN Network | Customers Private VPN Network 10.100.x.x/21 (2048 IPs) M2M One Managed Firewall | Customers 3G/4G Devices Static IP(s): 10.100.x.x/21 |

Device IPs: 10.100.x.1, 10.100.x.2, 10.100.x.3, 10.100.x.4

Site-to-Site VPN Access

| Configured VPN Hardware in Customer Server Environment | Hardware based IPSEC VPN Connection to Customers Private VPN Network | Customers Private VPN Network 10.100.x.x/21 (2048 IPs) M2M One Managed Firewall | Customers 3G/4G Devices Static IP(s): 10.100.x.x/21 |

Device IPs: 10.100.x.1, 10.100.x.2, 10.100.x.3, 10.100.x.4

Visit www.m2mone.com.au/get-connected to connect today