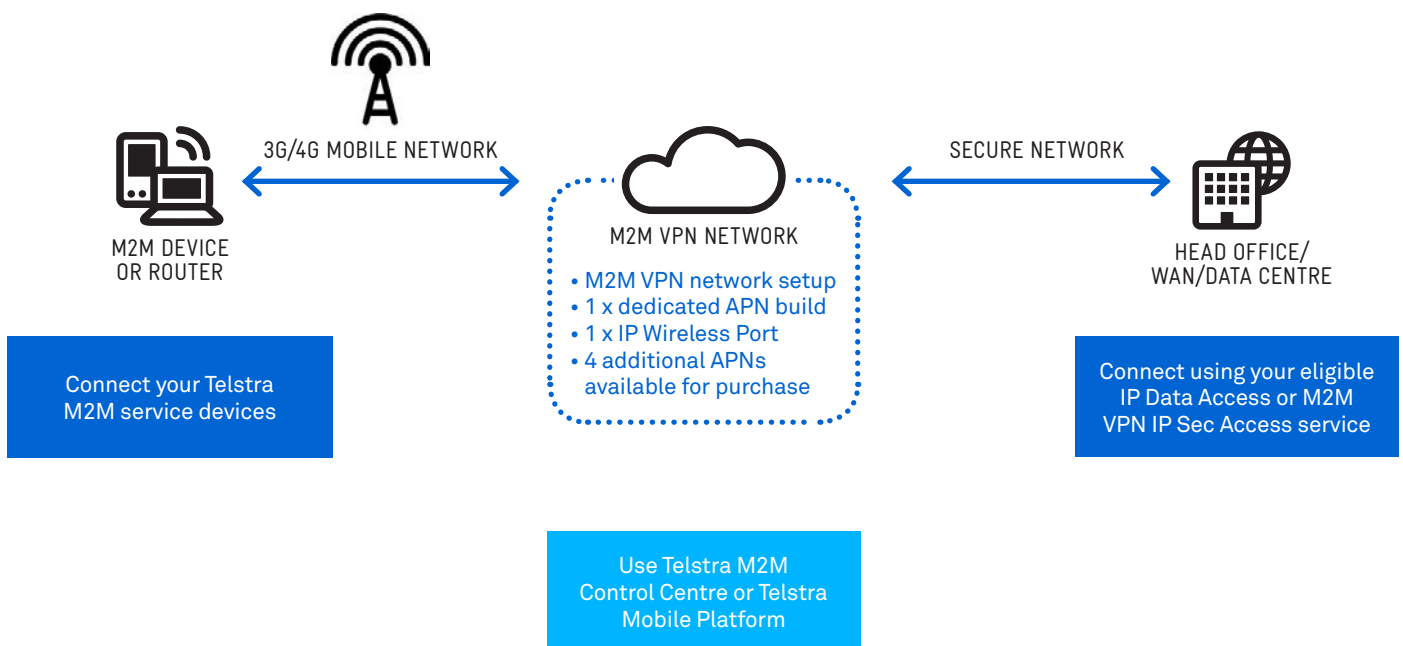# M2M VPN SOLUTION SERVICE

Simpler networking for your M2M services

Our Telstra Wireless M2M VPN solution service, provides additional security to the communication between your wireless M2M services and your central data centre.

M2M VPN at a glance

3G/4G MOBILE NETWORK

M2M DEVICE OR ROUTER

M2M VPN NETWORK
- M2M VPN network setup
- 1 x dedicated APN build
- 1 x IP Wireless Port
- 4 additional APNs available for purchase

SECURE NETWORK

HEAD OFFICE/ WAN/DATA CENTRE

Connect your Telstra M2M service devices

Connect using your eligible IP Data Access or M2M VPN IP Sec Access service

Use Telstra M2M Control Centre or Telstra Mobile Platform

Summary

The M2M VPN solution service is its own network, dedicated to connecting your M2M devices to your central IT architecture through a single IP wireless port. You can use a range of eligible IP data access solutions with it, ranging from a simple M2M IP Sec Access solution to a full range of IP Data Access options.

The M2M VPN solution service also offers the added security of up to five dedicated APNs. Plus you can use a range of Radius Authentication types with the service, including the Telstra Wireless M2M Control Centre Secure SIM Radius Authentication (if you are using the Telstra Wireless M2M Control Centre platform).

Your single M2M VPN solution service can also support SIM deployments up to 10,000 services, or more when using our M2M Control Centre Radius Authentication, saving you the cost and complexity of establishing several networks for a large M2M SIM fleet.

Benefits

Connect your M2M VPN solution service to an Eligible Connection Solution or the M2M VPN IP Sec Access Service and you'll have a robust network service connecting all your M2M equipment and devices (on a Telstra M2M service) to each other and your central IT ecosystem.

- **Versatile.** Manage and administer your M2M VPN device fleets more effectively with up to five unique APNs within the one M2M VPN solution service and you can connect using a range of IP Data Access options.

- **Integrated.** You can use the M2M VPN solution service with your Telstra M2M wireless telemetry service.

- **Scalable.** One M2M VPN solution service can enable you to support more than 10,000 SIMs for your Telstra wireless M2M telemetry services when used with the Telstra Wireless M2M Control Centre with Radius Authentication. So it can serve your existing and future M2M fleet needs.

- **Cost-effective.** The M2M VPN solution service has minimal set-up investment and no network maintenance costs. You can also use it with a low cost IP Sec option (the M2M VPN IP Sec Access Service).

- **Secure and reliable** data transmission of M2M data traffic when connected via dedicated access links.

- **24/7 support.** We have a dedicated 1800 helpdesk number, available 24/7.

World-class underlying connection technology

- Australia's largest national mobile coverage:
  - the Telstra Next G® mobile network, covering more than 2.3 million square kilometres and over 99.3% of the Australian population (for M2M devices which support the 3G 850MHz radio band)
  - the Telstra 4G mobile network, offering the largest 4G coverage area and faster data experience in more places than any other mobile network (for M2M devices which support the 4G 700/1800MHz radio band).
  - you can even arrange coverage for overseas sites when you use the M2M VPN solution service with our M2M VPN IP Sec Access Service.

- **Reliable IP connectivity** on the Telstra Next IP® network – providing high levels of service and stability through built-in functionality and performance monitoring.

Features

The new M2M VPN solution service has been built and configured especially for large M2M corporate fleets. That means:

- **Flexible and scalable network** access – You'll be able to streamline the flow of data between your M2M VPN and your central IT ecosystem with a choice of eligible IP Data Access options.

- **Up to 5 unique Access Point Names per VPN** – Have the extra protection of an included APN for your network, with the option to purchase up to four more APNs on the one VPN, so you can separate your M2M services (eg for EFTPOS, vehicle tracking, site surveillance fleets).

Using Telstra Wireless M2M Control Centre

- **Standard/Secure SIM service Radius Authentication option.** Using the Telstra Wireless M2M Control Centre with an eligible connection option:

  - **Standard SIM service** is included in the Telstra Wireless M2M Control Centre platform, saving you the cost and complexity of managing a Radius Authentication server separately

  - **Secure SIM service** option provides added security – remote SIMs can only be used with the correct username/password combination

  - **Fewer limits on SIM fleet sizes.** When using an eligible IP access option with your M2M VPN solution service you can connect up to 10,000 SIMs per VPN with Telstra Managed Radius service; or even more than 10,000 services when you use Telstra Wireless M2M Control Centre with Radius Authentication. So the one VPN can provide all the connectivity you need.

- **Range of connection options:**

  - **M2M VPN IP Sec Access service** – Our encrypted site-to-site tunnel option uses the public internet to transfer data between your M2M VPN and internal IT systems. This gives you a cost effective connection that is fully managed by Telstra

  - **IP Data Access connections** – You can leverage your existing networking investments to connect your M2M VPN to your compatible WAN, server or data centre via a range of IP Data Access services, with the added protection of the built-in security management they offer. Eligible IP connections include Telstra Business IP or CIP, IPWAN, IPMAN, and more. Connectivity in all Australian capital cities and many regional areas offers you wide network reach with added security.

About Telstra

We provide network services and solutions to more than 200 of the world's top 500 companies. They rely on us to do business across 240 countries and territories and to enable greater productivity, efficiency and growth.

Our solutions offer the best of all worlds – skilled people and a rich portfolio of services delivered on our world-class Telstra Next IP® network and Next G® network. To ensure reliable performance, they're monitored and maintained from our dedicated centres using advanced management and operational systems. And they're backed by Telstra Enterprise-grade Customer Service® and one of Australia's largest and most qualified field and technical workforce.

⌂ contact your Telstra account executive

☏ call 1300 telstra

↻ telstra.com/enterprise/m2m

IT'S HOW WE CONNECT