

2degrees M2M Solutions

“The portal gives us real-time information when and where we need it – it’s just part of the open and upfront way we are able to work with 2degrees.” – Bupa

Helping Kiwi businesses stay in touch with what matters

At a time when businesses are embracing data-intensive mobile solutions and moving to new UFB fibre services, 2degrees' fresh approach in both mobile and broadband can deliver the total package, including M2M solutions that are tailored to specific business needs.

What is M2M?

Machine to Machine (M2M) refers to direct communication between devices using any communications channel, wired and wireless; from simple Eftpos machines and GPS tracking through to more complex high definition cameras, smart meters and environmental monitoring.

Why 2degrees for M2M?

- **A complimentary self-service M2M portal**
Easy to use, allowing you to manage your SIM inventory, run reports as and when you need, set data usage limits and alerts, plus enable and disable SIMs in real-time.
- **Experts in M2M**
Our specialist team supports innovative businesses across NZ to design M2M solutions that enable new products and services in the connected world.

- **Our NZ based customer service**

With a more personalised approach, a Client Services Manager will work with you closely to understand your business and your needs ongoing.

- **Connectivity to a world class data network**

Stay connected with our failsafe data network.

Current M2M customers



- **BUPA Care Services NZ**

Alarm monitoring on a wearable pendant

BUPA are an international healthcare group, serving over 29 million people in more than 190 countries. 2degrees M2M provided mobile connectivity to enable the BUPA alarms to connect to the BUPA call centre. During an emergency the alarm is activated at the press of a button, triggering the alarm using the 2degrees data and the SMS network.



- **Outpost Central**

Environmental and water monitoring

Outpost Central connects meters and sensors to the web with the world's easiest monitoring solution. Using 2degrees M2M SIMs in their smart environmental meter monitoring products, data is transferred from the meters via the 2degrees network to Outpost Central for analysis.

Those are just some of the exciting and innovative Kiwi businesses that we provide with M2M solutions. To find out how 2degrees could help your business contact us on: M2M@2degrees.nz

2degrees Self Service M2M Portal

Our complimentary portal access allows you to track, monitor, report and manage your SIM inventory. It is a secure site and a managed service with dedicated help on hand should you need it.

• Dashboard

Overview of all activity including total data usage, highest data usage and highest SMS usage

The dashboard provides a comprehensive overview of SIM activity. On the left, a sidebar lists navigation options: Dashboard, Linked Consumer Accounts, SIMs, Reports, Owner & Admins, and Account Profile & Settings. The main content area includes a search bar for SIMs, a 'Vital Signs Since Yesterday' summary (Data: 6.99 MB, SMS: 0 messages), and lists for 'Highest data users' and 'Highest SMS users'. Two charts are displayed: 'Historic Usage' (a bar chart showing usage in MB over 28 days) and 'Day to Day Variation' (a line chart showing usage in MB from Nov 21 to 24).

• SIMS

See a list of each SIM card linked to your account, data usage, live status and enabling/disabling functionality.

The SIMS management interface allows for detailed control over SIM cards. It features a sidebar with navigation options: Dashboard, Linked Consumer Accounts, SIMs, Add SIMs, Manage Tags, Reports, Owner & Admins, and Account Profile & Settings. The main area shows 'ALLOCATED TO ACCOUNT (22)' and 'UNALLOCATED SIMS (0)'. There are search filters, tag management, threshold settings (Data value in KB, SMS value, and SET LIMITS), and enable/disable controls. Below these is a table listing SIM cards with columns for IMSI, Mobile, SIM Number, Enabled/Disabled status, Data Usage (MB), Data Threshold (MB), SMS Usage, SMS Threshold, and Tags.

IMSI	Mobile	SIM Number	Enabled/Disabled	Data Usage (MB)	Data Threshold (MB)	SMS Usage	SMS Threshold	Tags
530240100557191	0211179004	896424000100557191	Enabled	0.00	10.00	0	100	Kirsten Owen, Test
530240108611220	0220763590	896424000108611220	Enabled	0.00	-	0	-	-
530240108611223	0220763750	896424000108611223	Disabled	0.00	1.00	0	-	Sim CHCH
530240105827522	0221594512	896424000105827522	Enabled	0.00	0.49	0	1	Test, North Downs
530242550021798	0221725166	896424002550021798	Enabled	0.00	0.10	0	-	Monster
530242550021799	0221725195	896424002550021799	Enabled	0.00	0.10	0	-	Monster
530242550001048	0221756432	896424002550001048	Disabled	0.00	50.00	0	-	Plant&Food
530242550001049	0221756433	896424002550001049	Enabled	146.62	200.00	0	-	Plant&Food
530240102820610	0223466730	896424000102820610	Disabled	1099.03	1200.00	0	1	Kirsten Owen, Test1
530240102820611	0223466731	896424000102820611	Enabled	0.00	20.00	0	10	-

• Reports

Multiple reporting options covering usage, SIMS, time periods and summaries.

The Reports section offers various reporting options. It includes a sidebar with navigation options: Dashboard, Linked Consumer Accounts, SIMs, Reports, Owner & Admins, and Account Profile & Settings. The main area features a report generator with filters for Report type (SIM Details Report), Period (Month), and Usage stats (Summary). A 'DISPLAY REPORTS' button and options to 'Save as PDF' or 'Save as CSV' are available. Below is a table of reports with columns for Date of Report and Description.

Date of Report	Description
01 to 24 November 2017	SIM Details for all 2degrees Demo account SIMs for 01 to 24 November 2017.
01 to 31 October 2017	SIM Details for all 2degrees Demo account SIMs for 01 to 31 October 2017.
01 to 30 September 2017	SIM Details for all 2degrees Demo account SIMs for 01 to 30 September 2017.
01 to 31 August 2017	SIM Details for all 2degrees Demo account SIMs for 01 to 31 August 2017.
01 to 31 July 2017	SIM Details for all 2degrees Demo account SIMs for 01 to 31 July 2017.
01 to 30 June 2017	SIM Details for all 2degrees Demo account SIMs for 01 to 30 June 2017.
01 to 31 May 2017	SIM Details for all 2degrees Demo account SIMs for 01 to 31 May 2017.
01 to 30 April 2017	SIM Details for all 2degrees Demo account SIMs for 01 to 30 April 2017.
01 to 31 March 2017	SIM Details for all 2degrees Demo account SIMs for 01 to 31 March 2017.
01 to 28 February 2017	SIM Details for all 2degrees Demo account SIMs for 01 to 28 February 2017.

