



Telstra - SIM Management

Visibility, control and insights to help you manage your
Telstra IoT Services.



IoT
IS THE CATALYST
FOR DIGITAL
TRANSFORMATION

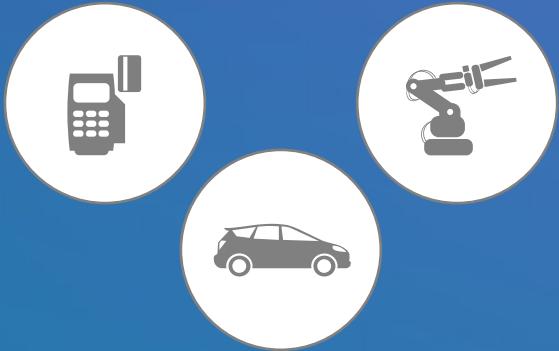
And
CONNECTIVITY
IS ESSENTIAL
FOR IoT



Visibility of your IoT devices

- Take a proactive approach to managing services at scale, monitoring them 24/7.
- View your total connectivity or usage data.
- Use the map or the status widgets to navigate through to a select group of IoT SIMs based on location, usage or connection status.

Your devices



Networks

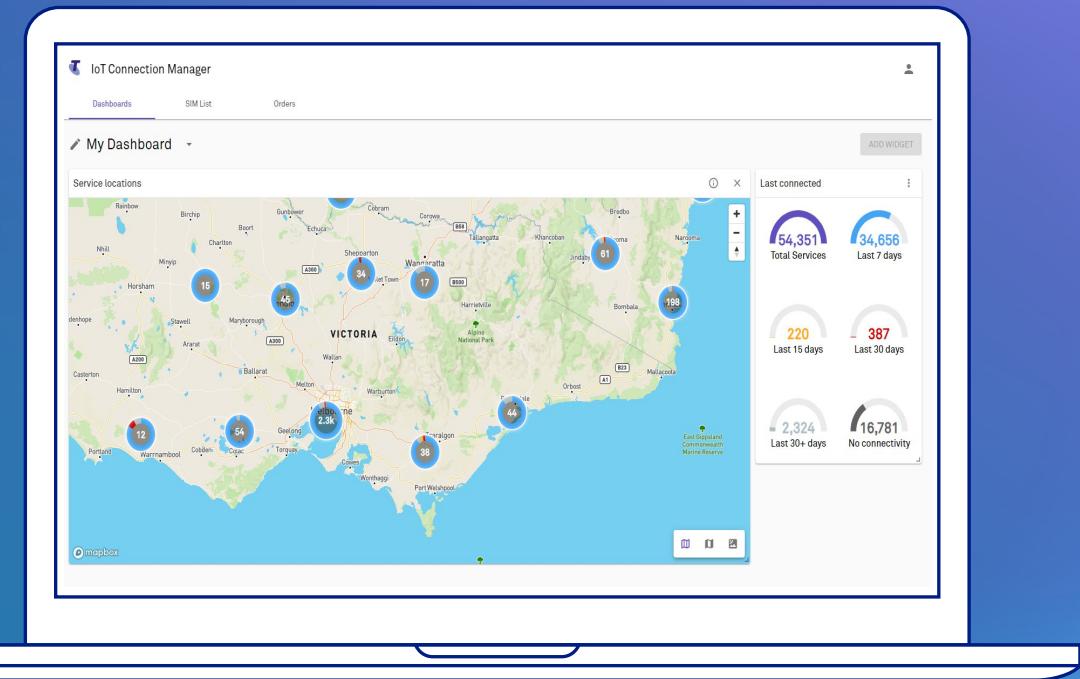


Connectivity
platform

Connectivity
Management

Your IT systems
& applications





Control Centre

- A single touch point to view, manage and automate your IoT connectivity services.
- Insights at your fingertips.
- Self service portal of your sim fleet without need of contacting Telstra directly

Connectivity Management is Critical for IoT success



Security Breaches



- **Fraudulent device misuse**
- **Unauthorized 3rd party device communication**



Cost Overages



- **Near real-time monitoring of usage**
- **Adherence to rate plan policy**



Detection of Abnormal
Device Behavior



- **Near real-time monitoring of network behavior**
- **Deviations from standard behavior**



Reliable Data Delivery



- **Ensure persistent connectivity for bi-directional data delivery**



IoT Connection Manager

SIM: 505013403001939 Last Connected 13 hours ago

Details **Usage**

IMSI: 505013403001939 IMEI: 3526790100336100
Phone Number: 439521482 Device Make: SIERRA WIRELESS
ICCID: 89610151243416000018 Device Model: MC8775V
Account Name: Device Type: EMBEDDED MODULE
Account Number: 4202343721
Service Status: Active
Last Connected: Mon, Oct 28, 2019
Connected: 1:32 AM

ACTIONS ▾

Insights in to your connectivity services

- Zero in on a single service and its connected device details.
- View detailed connection logs
- View current usage and usage trends over time
- See plan change history
- View the cell tower which the service is connected to.
- Suspend a service from the network

A screenshot of the IoT Connection Manager interface, specifically the SIM List tab. The page shows a table of 293 out of 5,886 total SIMs. The columns include IMSI, Phone Number, ICCID, Account Number, Service Status, and Connect Status. Each row contains a checkbox, search fields for the first four columns, and dropdown menus for the last two. The connect status is indicated by a colored circle (blue for active, yellow for inactive) followed by a timestamp. The table lists several SIMs with their respective details.

	IMSI	Phone Number	ICCID	Account Number	Service Status	Connect Status
<input type="checkbox"/>	505013400109275	400000331	89610150002015000041	4202343630	Active	● 14 hours ago
<input type="checkbox"/>	505013400109304	400000932	89610150002044000041	4202343630	Active	● 11 hours ago
<input type="checkbox"/>	505013403001930	439521272	89610151243407000007	4202343721	Active	● 2 days ago
<input type="checkbox"/>	505013403001939	439521482	89610151243416000018	4202343721	Active	● 13 hours ago
<input type="checkbox"/>	505013405211062	407503149	89610152107237000041	4202343721	Active	● 14 hours ago
<input type="checkbox"/>	505013405511178	407545238	89610152107904000096	4202343721	Active	● 13 hours ago
<input type="checkbox"/>	505013405511217	407135482	89610152107943000074	4202343721	Active	● 6 hours ago
<input type="checkbox"/>	505013405511218	407316778	89610152107944000052	4202343721	Active	● 5 days ago
<input type="checkbox"/>	505013405846750	418809031	89610180001553542985	2109479788	Active	● 15 hours ago
<input type="checkbox"/>	505013406464337	438815235	89610151488961000007	2109480109	Active	● 7 days ago

Manage Inventory

- Order new SIM cards, change plan and cancel services.
- View list and groups of services from your fleet and get access to connection and usage information
- Create custom groups and labels
- Setup rules to alert you of SIM theft, data overage, or connectivity failure.



The screenshot shows the IoT Connection Manager interface. At the top, there are tabs for Dashboards, SIM List, and Orders. The SIM List tab is selected, showing a SIM card with the number 505013403001939. A status indicator shows it was last connected 13 hours ago. Below this, there are two tabs: Details and Usage, with Details selected. The Details section displays various device details:

IMSI:	505013403001939	IMEI:	3526790100336100
Phone Number:	439521482	Device Make:	SIERRA WIRELESS
ICCID:	89610151243416000018	Device Model:	MC8775V
Account Name:		Device Type:	EMBEDDED MODULE
Account Number:	4202343721		
Service Status:	Active		
Last Connected:	Mon, Oct 28, 2019		
Connected:	1:32 AM		

Below the details is a map of a residential area in Doncaster, Victoria, Australia. The map shows streets like Kookuna Ave, Caringal Ave, Ada St, Hanke Rd, Eildon St, Meadowbank Ave, and Elgar Park. It also includes landmarks such as Frank Saddington Reserve, Koonung Creek Linear Park, and Box Hill Miniature Railway. A blue location pin is placed on the map near the center of the residential area.

Service Connection data

- Zero in on a single service and its connected device details.
- View detailed connection logs
- View usage and usage trends over time
- Suspend a service from the network



Telstra – M2M Control Centre (Cisco Jasper)



Telstra – IoT Control Manager (ICM)

Which MICA plan is right for me?



IoT Data SIM Plans*

[add hyperlink for pricing](#)

- No data sharing
- 4G speeds (up to 150mb/s)
- Change plan up/down
- Discounts for volume
- Casual plan
- Excess applies based on plan
- PAYG Voice, SMS, Roaming
- 30 days min/no contract
- APN: telstra.internet
- Network: LTE-M + NB-IoT

Best option for most IoT applications

M2M Share Data plans*

[add hyperlink for pricing](#)

- All plans share data with each other
- 4G speeds (up to 150mb/s)
- Change plan up/down
- Contracted plan
- PAYG Voice, SMS, Roaming
- APN: telstra.internet
- Network: LTE-M + NB-IoT

Best option for large deployments with variable usage

LP-WAN (Narrowband)*

[add hyperlink for pricing](#)

- 2 dedicated plans (100KB & 500KB)
- Throttled to 1Mb/s
- Change plan up/down
- Casual plan
- Excess applies based on plan
- PAYG Voice, SMS, Roaming
- 30 days min/no contract
- APN: telstra.iot
- Network: LTE-M (Cat-M1) + NB-IoT only

Best option for a compatible Narrowband device with low data use