

# smart citydeck

Powered by Outcomex

Smart CityDeck is an IoT end-to-end solution developed specifically for councils by Australian systems integrator Outcomex.

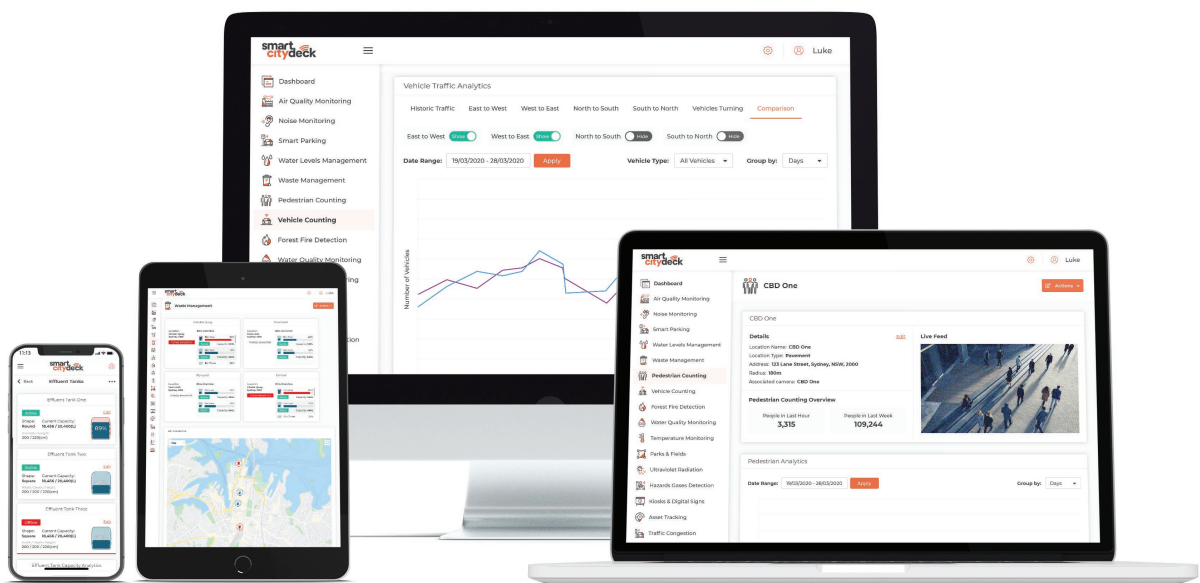
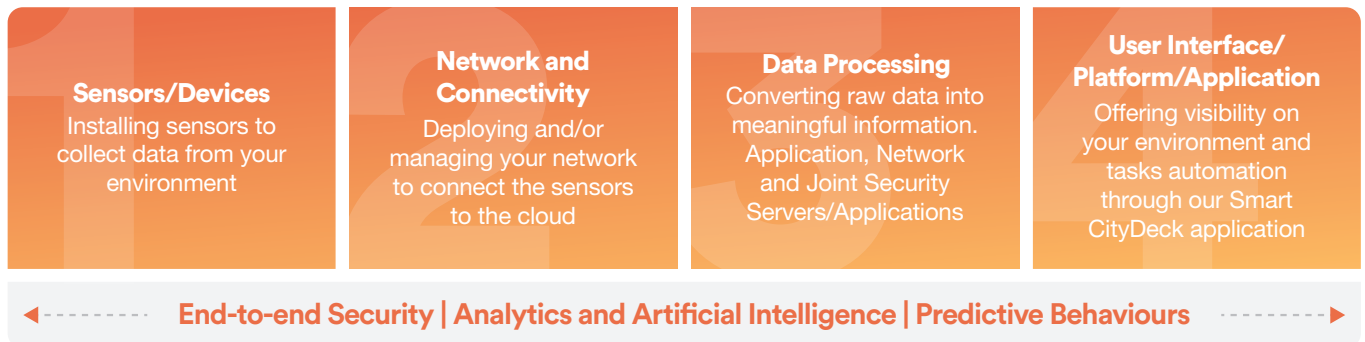


## What makes us different:

- Our organisation has over a decade of experience in networking technologies and security, which form an integral part of the underlying architecture required for IoT networks. Our extensive network engineering capabilities give us a unique ability to understand and deploy every component of an IoT network.
- We have developed a quality assurance program for the IoT sensors; analysing factors such as their range, sensitivity, battery life, security, manufacturing quality, dust and water proofing, and ease of integration. Every sensor recommended in Smart CityDeck has been selected following this program which ensures they are secure and follow best practice design principles.
- Smart CityDeck has been developed in Australia and our team of engineers provide installation and support services nationally, including in rural areas.
- Smart CityDeck provides a private network solely for councils and all data is kept within Australia.  
(Unlike various other offerings, where data is collected by sensors in Australia, but then processed overseas and sent back for visualisation in Australia, allowing overseas providers to mine the data.)

## Delivering end-to-end IoT solutions

Smart CityDeck is a fully contained IOT service offering that encompasses all of the components below.



**Obtain insightful digital information about what is happening in your city through a customised IoT portal.**

# Features

## Metropolitan, Rural, Recreation and Park Areas

All our features are presented centrally on a user-friendly dashboard and can be accessed remotely via a web browser. Smart CityDeck gives you the possibility to configure alerts and notifications, as well as reports for each feature.



### Water Management

measures amount of water being stored/used for water tanks or bubblers at parks or similar locations



### Water Quality Monitoring

monitors water quality, rivers, ponds, tanks, wildlife and camping



### Water Levels

tracks water and liquid level in lakes, ponds and tanks with leakage detection capabilities



### Water Chemicals Monitoring

monitors chemicals such as chlorine in public swimming pools or similar locations



### Smart Parking

monitors individual car park availability and usage



### Traffic Congestion

monitors vehicles and pedestrians to optimise paths and routes



### Air Quality Monitoring

monitors quality levels of the air, dust, and pollution.



### Smart Lighting

enables sensed lamp posts to light up when people or cars are sensed



### BBQ

tracks public BBQ usage and availability via the council website and public dashboards and signage



### Asset Tracking

tracks indoor and outdoor asset and location advice (vehicles, machinery, inventory)



### Security

surveillances and detects people in unauthorised areas, in parks or in similar council locations after hours



### Waste Management in Rubbish Bins

detects litter level in bins and sends alerts when bins reach a specific level or are full



### Pedestrian Counting

counts pedestrian and dwell times with facial recognition capabilities



### Temperature Monitoring

measures temperature of indoor/outdoor, fridges and similar, with real-time alerting and reporting



### Hazards Gases Detection

detects gas levels and leakages in councils and public environments



### Noise Monitoring

monitors and publishes noise level



### Measurement of Soil Moisture and Irrigation

measures the moisture of sport grounds or parks and turns irrigation on and off when necessary



### Information Kiosks and Digital Signage

delivers content from council like advertising, information services and weather or road notifications



### Sun Ultraviolet Radiation

detects UV radiation levels at beaches or similar public locations and displays them onto information kiosks and signage to advise safety level



### Forest Fire Detection

monitors smoke and other combustion gases and detects preemptive fire conditions.

Discover our IoT module for agriculture:

**farmdeck**

[www.farmdeck.com](http://www.farmdeck.com)

Learn more about our Parent Company:

**outcomex**

[www.outcomex.com.au](http://www.outcomex.com.au)



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