



Case Study | New South Wales (NSW), Australia



NSW is Australia's most populous region, with 18,000km of road network, 4,300+ intersections and on average 100 million vehicles moving through the network each day.

With a growing population and the pressure of urbanisation, the demand on the NSW road network is continuing to grow. To manage these demands, NSW needs a solution that supports their goals to:

- Use existing assets more efficiently
- Manage demand and maximise capacity to reduce travel time for customers
- Prioritise users to encourage more organised road use
- Increase active transport including walking and cycling to enable mode-shift, and to deliver health, environmental, social, and economic benefits

SCATS enables NSW to:



Optimise its road network in real-time across over **4,300** intersections



Prioritise **43,000** bus and light rail movements per day



Achieve productivity and environmental outcomes, saving commuters on average **2 million hours** in travel time per year and a reduction **12.6 million** kg in Co₂ emissions each year.¹

¹ SCATS and the Environment Study

4,300

Intersections optimised in real-time

43,000

bus and light rail movements per day

2 million

hours saved in travel time per year

100 million

vehicles moving across the network each day