



New Zealand State Highway ATMS

Client: NZ Transport Agency

**Location: Auckland and Wellington,
New Zealand**



System Features

- DYNAC® ES Software
- Weather Service Interface
- Dynamic Message Signs
- Lane Use Signals
- Variable Speed Signs
- Roadway Loops
- Radar Detectors
- Video Incident Detection
- Moveable Lane Barrier
- Tunnel Systems
- Travel Times
- Traveler Information Services



Transdyn was awarded a professional services contract by NZ Transport Agency (NZTA) to design, build, and support a new advanced Traffic Management Software System to manage the New Zealand state highway network.

Traffic Operations Centers in Auckland and Wellington will be equipped with new computer systems running Transdyn's DYNAC® Enterprise Server software suite. The new systems will provide integrated management of traffic and weather systems, electronic message signs, lane control signals, moveable lane barrier, tunnel systems, and traveler information services allowing NZTA to maximize the efficiency and safety of the state highways.

Traffic and roadway condition monitoring, incident response, and sign control will operate seamlessly together enhancing NZTA's ability to respond safely and effectively to traffic incidents and emergency situations. The new traffic management system will provide NZTA with the flexibility to manage roadway, bridge, and tunnel operations from either traffic management center while providing the entire NZTA agency with access to important traffic information.

The NZ Transport Agency (NZTA) brings together the functions of Land Transport New Zealand and Transit New Zealand to provide an integrated approach to transport planning, funding and delivery. The NZ Transport Agency contributes to an integrated, safe, responsive and sustainable land transport system, in support of the updated New Zealand Transport Strategy. The NZ Transport Agency manages 10,894 kilometers of state highways representing about half of the 36 billion vehicle kilometers New Zealanders travel each year.