

# Motorway & Tunnel Management



*Keeping the world moving*

**tyco**

*Traffic & Transportation*

# Tyco Motorway & Tunnel Management System

## Meridian

Today's Motorway owners face a variety of challenges; increased public awareness, safety, performance, recovery of investments, and speed of technological change.

Owners must also ensure that all stakeholders, such as police, ambulance, fire fighters and the driving public, have access to up to date and reliable information.

Meridian is an advanced software system for monitoring and controlling complex systems and devices specializing in management of motorways and tunnels. It is the product of many years of refinement and adaptation through listening to the needs of customers and keeping pace with leading technology.

Meridian has been used for motorway management and tunnel management systems all over the world, including New Zealand, and Australia. Applications vary in complexity ranging from tolling systems in Portugal to managing a 9Km tunnel with more than 25,000 devices in Singapore.

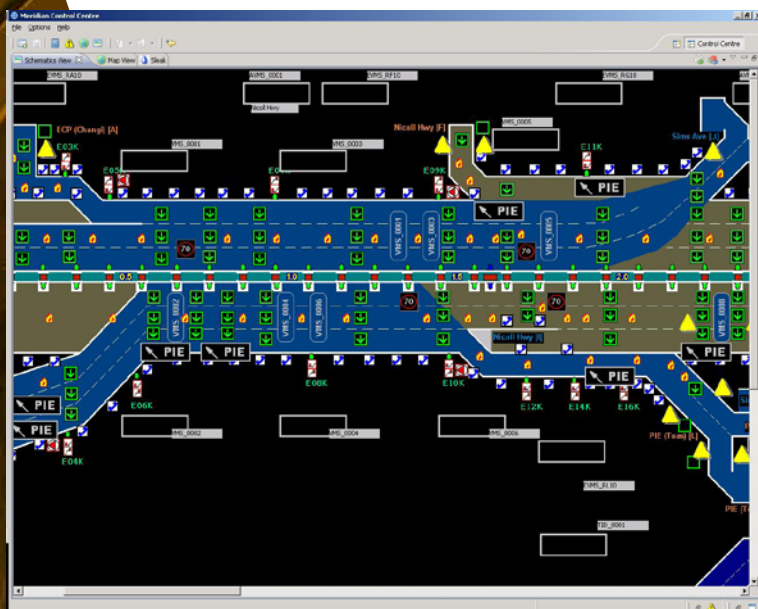
Operators use Meridian through a rich graphical Interface (GUI) using Menu- and Mouse- driven Windows applications. This GUI, known as the Meridian Workbench, relays real-time status updates of devices through video, images and data-tables as appropriate. By using simple point-and-click, devices can be interrogated further or directly controlled.

Standard Meridian Features include:

- High availability and reliability
- Integrated Traffic, Plant (SCADA), and Incident Management, into one system
- Geographic Information System (GIS) Technology – real locations, used for accurate incident management.
- Schematics / SCADA displays
- Automatic Dynamic Response

Along the Motorway are a multitude of devices and technologies including CCTV, wireless and fiber links, variable signs, and traffic monitoring devices. The Meridian, an event Management system, is the means of connecting these devices and subsystems to all stakeholders in a single configurable system.

Its versatility makes it an ideal platform to manage traffic in a motorway environment, provide decision-making facilities in response to incidents and to control road signs and devices.





**Tyco Traffic & Transportation**

137 McCredie Road  
Guildford, NSW 2161  
Australia

Tel +612 8718 2000  
Fax +612 8718 2111

Email [tycoits@tycoint.com](mailto:tycoits@tycoint.com)

**[www.tyco-its.com](http://www.tyco-its.com)**