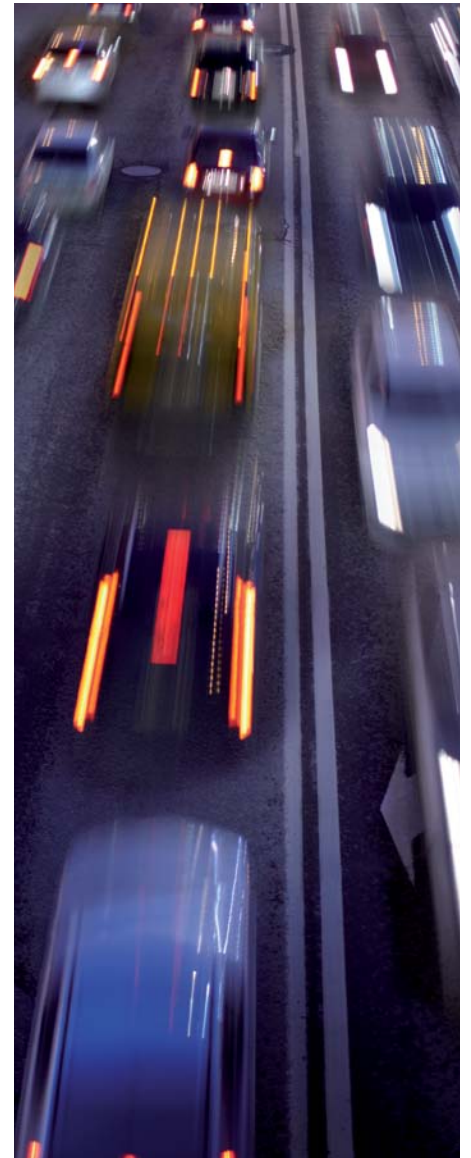


EN

Eastern Distributor Traffic and Facilities Management System.



Kapsch/Transdyn was selected to provide an Operations Management and Control System (OMCS) for the Eastern Distributor (ED), a 6 km major motorway located in Sydney, Australia that links the Harbour Bridge/ Tunnel and Cross City Tunnel to the M5 Motorway of the Sydney Orbital Network. The motorway includes approximately 2.5 km of tunnels including the Main, Dacey Todman and Landbridge tunnels, along with the Parkway and Cleveland Street underpass.

The current Traffic Control Management System (TCMS) will be replaced by Kapsch/Transdyn and combined with the existing Plant Control and Monitoring Systems (PCMS) to form a complete OMCS that will be used for efficient management of both traffic and facilities operations from a single interface. The OMCS will integrate the existing plant management control system and various traffic management subsystems such as tunnel ventilation, motorist emergency telephone, traffic flow and the motorway network communication system. Devices such as lane use and dynamic message signs, CCTV, a traffic control room video wall and other roadside devices will also be integrated into the system.

Using Kapsch/Transdyn's DYNAC ATMS® software, the new OMCS will allow efficient management of growing traffic demands, enable operations personnel to more effectively monitor traffic conditions and manage incidents on both the motorway and inside the tunnels. Additionally, DYNAC ATMS® will help bring the ED into compliance with requirements and guidelines of local and national transport agencies.

System features

- DYNAC ATMS® Software
- Traffic and Facility Management
- Incident Detection and Response
- CCTV and Video Analytics
- Electronic Message Signs
- Tunnel Monitoring and Control
- Radio Rebroadcast and Public Address
- Data Warehousing and Reporting
- Fire Detection
- Motorist Emergency Telephone
- Regional RMS TMC C2C Interface

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References

Client	Airport Motorway Limited Transurban Group
Location	Sydney, Australia



Kapsch TrafficCom.

Kapsch TrafficCom is a provider of intelligent transportation systems (ITS) in the application fields of road user charging, urban access and parking, road safety enforcement, commercial vehicle operations, electronic vehicle registration, traffic management and V2X cooperative systems. We cover the entire value creation chain of our customers with end-to-end solutions. From components and subsystems to their integration and operation. Our core business is to design, build, and operate electronic toll collection systems for multi-lane free-flow traffic.

Kapsch Group.

Kapsch is one of Austria's most successful technology corporations, specialized in the future-oriented market segments of Intelligent Transportation Systems (ITS), Railway and Public Operator Telecommunications as well as Information and Communications Technology (ICT). Kapsch. Always one step ahead.

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