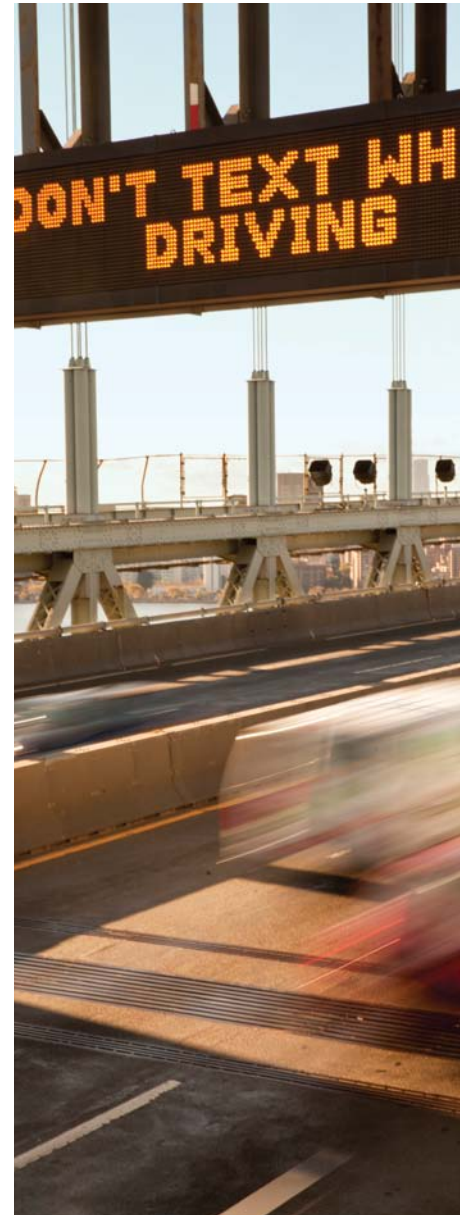


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MTA Bridges & Tunnels **ATM IDEAS.**



New York MTA Bridges and Tunnels is the nation's largest bridge and tunnel authority serving more than one million people daily. It operates the Henry Hudson, Robert F. Kennedy, Bronx-Whitestone, Throgs Neck, Verrazano-Narrows, Gil Hodges-Marine Parkway, and Cross Bay bridges and the Queens-Midtown and Brooklyn-Battery tunnels.

Kapsch TrafficCom designed, built, and maintains ATM IDEAS (Advanced Traffic Management Incident Detect/Evaluate/Act System) for the Authority. ATM IDEAS included designing, furnishing, and integrating new computer, communication, and software systems at each bridge and tunnel control center and the development of a new central Operations Control and Communication Center (OCCC).

ATM IDEAS forms the backbone of the Authority's Intelligent Transportation System program. Managed by Kapsch TrafficCom's DYNAC ATMS® software (Advanced Traffic Management System), the system provides a platform for critical traffic management functions at each of the Authority's bridge and tunnel facilities as well as system-wide monitoring and control at the OCCC. An interface to TRANSCOM, the area's multi-jurisdictional committee dedicated to collecting and disseminating real-time regional traffic update information, is also included. The system provides agency-to-agency video and the exchange of incident and travel time data.

DYNAC ATMS® allows the Authority to efficiently monitor traffic, weather, and roadway conditions, detect and respond rapidly to incidents and events that impact multiple facilities and agencies, and provides real-time motorist advisories through dynamic message signs (DMS).

Kapsch TrafficCom/Transdyn provided new computers, communication equipment, and a fully integrated video surveillance system linking 9 facilities with over 200 existing and new video cameras. A new state-of-the-art video over IP distribution system broadcasts high definition video surveillance images between the facilities and the OCCC over a highspeed wide area network. The system assists operators in reducing congestion, providing facility security, and improving incident detection and clearance times.

System features

- DYNAC ATMS® Software
- Decision Support Management
- Data Warehousing
- Integrated Audio Management
- Browser-based User Interface
- Transcom Data Exchange
- Regional ITS Architecture
- CCTV
- NTCIP
- DMS
- Weather Management System
- Multicast Video Over IP
- Center-to-Center Architecture

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References

Client	New York MTA Bridges & Tunnels
Location	New York Metro Area, NY



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.

About Kapsch Group.

Kapsch is one of Austria's most successful technology corporations to specialize in the future-oriented market segments of intelligent transport systems (ITS) and information and communications technology (ICT). Kapsch. Always one step ahead.

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