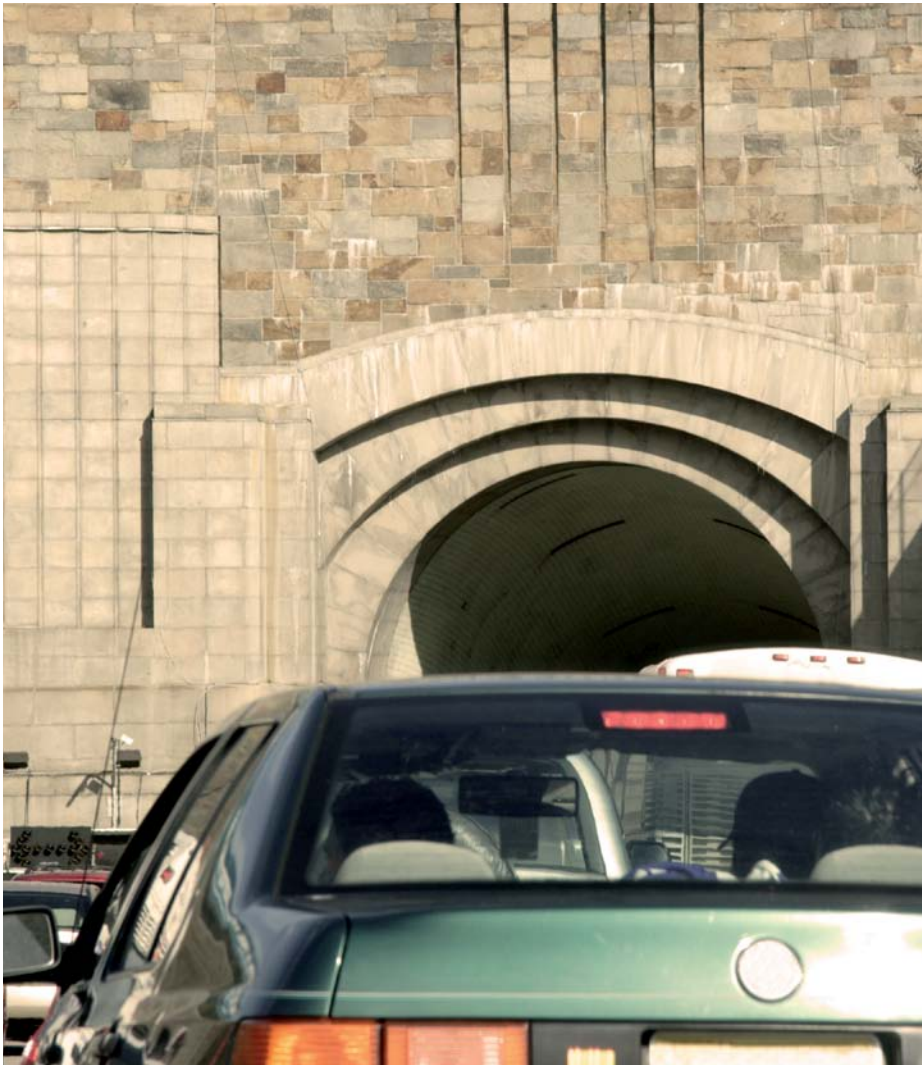


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Lincoln Tunnel & Holland Tunnel **ITS.**



The Port Authority of New York and New Jersey operates some of the busiest and most important transportation links in the world including the Holland and Lincoln Tunnels. Opened in 1927, the Holland Tunnel connects lower Manhattan to New Jersey and was the first Hudson River vehicular tunnel. The Lincoln Tunnel is the world's only three-tube underwater vehicular tunnel facility. It provides a vital link between midtown Manhattan and central New Jersey, and forms part of New Jersey Route 495. With traffic volumes exceeding seventy million vehicles per year, they are among the busiest tunnels in the world.

Operating under a joint venture contract, Kapsch TrafficCom/Transdyn was selected by the Port Authority of New York & New Jersey to design, implement and maintain an Intelligent Transportation System for the Lincoln Tunnel and Holland Tunnel.

The ITS includes new computer systems, communication systems, CCTV, sensors, and electronic signs. Kapsch TrafficCom's DYNAC ATMS® software monitors traffic and roadway conditions, automatically detects incidents and stopped vehicles, and implements optimal response plans. The software assists operators in rapidly responding to emergency situations, clearing incidents, alerting motorists, balancing traffic flows, and mitigating congestion.

A fully integrated intelligent video surveillance and automatic incident detection system allows the Authority to improve incident detection and clearance times, provide facility security and maximize the throughput of the tunnel. Video signals from CCTV are transmitted via fiber optics and T1 circuits to the main control center for display on workstations and a video display wall.

System features

- DYNAC ATMS® Software
- Intelligent Video
- Video Analytics
- Decision Support Management
- Response Plans
- Stopped Vehicle Detection
- Traffic Monitoring
- Probe Vehicle System
- Travel Time Advisory
- High Availability Architecture
- National ITS Architecture Compliant
- NTCIP Compliant
- Dynamic Message Signs
- CCTV System
- Fiber Optic Communications

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References

Client	Port Authority of New York & New Jersey
Location	Metro New York City, 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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