

INDRA DEPLOYS TRAFFIC MANAGEMENT TECHNOLOGY IN CHILE'S LO RUIZ TUNNEL

- The company will deploy the integrated system that will enable the supervision and coordination of operations in the new strategic corridor, which will improve road connectivity in northern Chile and help reduce congestion at the Quilicura Junction and cut travel times by up to 20 minutes
- It will implement the communications network, the Traffic Operations Center, the Data Processing Center, and the Intelligent Transportation Systems, which will be integrated into a centralized platform to ensure safer and more efficient operations
- With this award, Indra will continue to consolidate its leading position in the development of technological solutions to boost smart mobility and the management of critical infrastructures in Chile

Madrid, 4 September 2026. – Indra, a global benchmark when it comes to technologies to improve mobility and public transport management, has been awarded the development and implementation of the Traffic Management System (TMS) of the Lo Ruiz Tunnel in Chile. The solution will allow for the monitoring, coordination and management of operations for this strategic infrastructure, which will improve the connectivity between Renca and Quilicura and help reduce congestion in the northern sector of Santiago.

Sociedad Concesionaria Autopista Central, part of VíasChile, awarded Indra the implementation of the Traffic Management System (TMS) to support future operations in the Lo Ruiz Tunnel. The project includes the development of the system's engineering and software and the supply, implementation, installation, integration, testing, and commissioning of the technological infrastructure to support the tunnel's comprehensive operations, allowing real-time monitoring of the functioning of the different critical systems, optimizing traffic management, and reinforcing the safety of both users and the infrastructure.

The scope of the contract encompasses the implementation of the communications network, the Traffic Operations Center, the Data Processing Center and the Intelligent Transportation Systems, which include video surveillance cameras, messaging panels and variable signage, emergency telephony (SOS), a public address system, continuous vehicular flow measurements, clearance and barrier control, radio communications and user information systems.

All of these solutions will be integrated into a centralized management and control platform designed under criteria of interoperability, redundancy, cybersecurity and high availability, allowing permanent monitoring of the infrastructure, early detection and management of incidents, coordination of the operational response and easier real-time decision-making, thus contributing to safer, more efficient and reliable operations in the new road corridor.

These technologies will offer operators a comprehensive vision of the state of the infrastructure, improving the capacity to respond to events, optimizing operational continuity and strengthening the management of a project that's set to benefit the thousands of people who travel between the two municipalities on a daily basis.

Marcelo Peñailillo, director of the Mobility Market at Indra in Chile, explained that "this project combines our experience in traffic and tunnel management with an integrated and highly available technological architecture. The solution will be capable of centralizing the supervision of the critical systems, detecting and managing incidents, and supporting a coordinated operational response, providing Autopista Central with an integrated view to ensure operations in the tunnel with high standards of safety and efficiency".

The Lo Ruiz Tunnel is one of the strategic projects to improve road connectivity in the northern sector of Santiago. The project will cover around three kilometers, with two tunnels under Cerro Lo Ruiz directly connecting the General Velásquez axis of Autopista Central and the Autopista Américo Vespucio Norte, helping reduce congestion at the Quilicura Junction, one of the busiest intersections in the capital. The incorporation of smart technologies will enable this new infrastructure to operate under high standards of safety, availability, and efficiency as soon as it goes into service.

Technology for smarter mobility

This award will consolidate Indra's position as a technological partner for the development of smart infrastructures in Chile, providing advanced solutions for the supervision, management and operation of critical transport assets.

The company boasts far-reaching experience in undertaking smart mobility projects in the country. In Chile, it has implemented technologies for the Santiago Metro, EFE Trenes de Chile, the El Melón tunnel, and the Ports of Valparaíso and San Antonio, in addition to advanced traffic management platforms and critical infrastructures.

Indra's technological solutions, deployed across transport and mobility projects in Europe, America, Asia and the Middle East, are able to manage complex infrastructures in an integrated manner, improving safety, operational efficiency, and the experience of millions of users.

About Indra

Indra is a leading Spanish multinational and one of the foremost global defence, air traffic and space companies that, through technology, protects our current way of life and anticipates the needs of the future. Its committed team of experts, its in-depth knowledge of the business and the latest technologies, and its unique innovation and systems integration capabilities make it the trusted technology partner for key operations and digitalization for its customers around the world. Thanks to its leadership in major European programs and projects, as well as its spirit of collaboration and partnership strategy, it drives the industrial and innovative ecosystem in these sectors. The company is part of Indra Group, which posted revenues totaling €5.457 billion in the 2025 fiscal year, with a local presence in 46 countries and business operations in over 140 countries.

Communication Contact

René Arriagada

rvarriagada@indracompany.com

+56 9 6193 6693