

## INDRA'S TECHNOLOGY MANAGES TRAFFIC AND ACCESS FOR THE LONGEST BRIDGE IN THE PHILIPPINES WITH MAXIMUM SAFETY

- **Indra has implemented its integrated traffic and infrastructure management platform and its Intelligent Transportation Systems from its Mova Traffic line of solutions on the recently opened 8.9-kilometer modern toll expressway that connects Cebu City to the Municipality of Cordova in Mactan Island**
- **Indra's technology makes operation and decision-making more straightforward, automates processes, lowers the risk of incidents and streamlines incident management, as well as improving track maintenance and ensuring top levels of service and safety**
- **Indra has strengthened its position as a technology partner for the most ambitious transportation infrastructure with this flagship project in the Philippines that will boost economic activity in the area, and reduce travel times and environmental pollution**

**Madrid, June 8, 2022.-** Indra, a leading global technology and consulting company, has installed its cutting-edge technology on the recently opened modern toll expressway connecting Cebu City to the town of Cordova and Mactan Island in the Philippines across the country's longest and highest bridge.

Built on concrete piles that rise from the seabed, this major 8.9-kilometer Cebu-Cordova Link Expressway (CCLEX) will have significant impact in terms of the economy and tourism in the area, with daily traffic estimated to reach 50,000 vehicles. Its opening coincided with the celebration of the quincentenary of the first circumnavigation of the world by the Magellan-Elcano expedition, which went via the Philippines.

After being selected by Cebu Cordova Link Expressway Corporation (CCLEC), Indra installed the Horus integrated traffic and infrastructure management platform and its Intelligent Transportation Systems (ITS) from Indra's Mova Traffic line of solutions, on the expressway.

Indra's platform allows real-time monitoring and control of all traffic and safety systems incorporated in the infrastructure for traffic management, with a single interface that facilitates operation and decision-making. The highly automated system helps to reduce the risk of incidents, automatically detects incidents when they do occur and streamlines incident management, all to the highest standards of safety and service.

Thanks to the static and dynamic weighing systems installed on the bridge, Indra's solution will allow access to the bridge by overloaded vehicles to be restricted, so improving the maintenance, upkeep and durability. Speed and access to the bridge can also be limited in adverse weather conditions. Drivers will therefore enjoy the highest levels of safety.

The scope of this project for the largest bridge in the Philippines includes fiber optic and communications equipment to provide connectivity for the entire expressway and the supply, installation and integration of Intelligent Transportation Systems (ITS) and CCTV cameras, intelligent incident detection video surveillance, automatic license plate recognition with speed detection (ALPR), signage, variable message signs, and emergency telephone posts. It also includes monitoring the infrastructure using a variety of sensors, such as accelerometers, strain gauges, GPS, and electrical and lighting systems.

### **Digitization and sustainability of major infrastructure**

"This project is a clear example of sustainable development where new infrastructure coupled with Indra's technology, besides producing greater safety for drivers, will boost the economies of Cebu and Cordova by

making it easier to travel between them and to Mactan international airport. The reduction in travel times – by reducing CO2 emissions – will also help to improve environmental quality in the region,” explains Berta Barrero, Managing Director of Indra's Mobility market.

This project consolidates Indra's position as the technology partner of Metro Pacific Tollways Corporation, the parent firm of Cebu Cordova Link Expressway Corporation (CCLEC), and the largest toll road concessionaire and operator in the Philippines. Indra already has several highway projects in the country, such as the Manila urban traffic control center, the toll systems on the Metro Manila access highway, North Luzon Expressway (NLEX), the Subic-Clark-Tarlac Expressway (SCTEX) and the communications system on the CALAEX - Cavite-Laguna Expressway.

Indra has also strengthened its position as the technology partner of choice for the most ambitious transportation infrastructure projects around the world, with examples such as the Panama Canal; the Mecca-Medina high-speed rail link in Saudi Arabia; the London tunnels; the Ismailia tunnels in Egypt; the Bogotá-Villavicencio divided highway in Colombia; and, Rail Baltica, the largest European railway infrastructure project, among many others.

Indra is a leading global technology engineering company for the aerospace, defence and mobility sectors. It is its clients' principal technology partner for digitization and key operations worldwide. Its team of experts and its in-depth knowledge of those businesses and the latest technology, and its leadership in major European innovation programs and projects to design the next generation of technological solutions, give it a differential offering and enable Indra to lead unique, highly innovative projects that will transform the future of these sectors on a global scale in the coming years.

### **About Indra**

Indra ([www.indracompany.com](http://www.indracompany.com)) is one of the leading global technology and consulting companies and the technological partner for core business operations of its customers worldwide. It is a world-leader in providing proprietary solutions in specific segments of the Transport and Defence markets, and a leader in Digital Transformation and Information Technologies in Spain and Latin America through its subsidiary Minsait. Its business model is based on a comprehensive range of proprietary products, with a high-value, end-to-end focus and with a high innovation component. In the 2021 financial year, Indra achieved revenue of €3.204 billion, near 52,000 employees, a local presence in 46 countries and business operations in over 140 countries.