

## **IARNRÓD ÉIREANN-IRISH RAIL SELECTS INDRA FOR 32 MILLION EUROS CONTRACT TO DEVELOP TRAFFIC MANAGEMENT SYSTEM FOR NEW NATIONAL TRAIN CONTROL CENTRE**

- **Iarnród Éireann-Irish Rail, operator of the Irish rail system, has awarded Indra the contract to develop an advanced traffic management system to control the majority of its network, after a public tender process**
- **Indra will design and install a highly automated integrated control system, which will enable management tasks to be centralized, providing efficiency and safety while improving passenger service, incident resolution procedures and maintenance**
- **This new contract in Europe strengthens Indra's position as one of the leading companies in the rail sector on a global scale, with projects in countries such as the United States, Australia, the Netherlands, Lithuania, Saudi Arabia, Turkey, Mexico, Colombia, Malaysia and India**

**Madrid, June 18, 2020-**, Indra has been awarded a contract for 32 million euros by Iarnród Éireann-Irish Rail, the operator of the Irish rail system, to develop a new train control centre in Dublin with the capacity to manage the 2,400 km network that transported 50.3million passengers in 2019..

The contract, was awarded after an international public tender in competition. It includes the design, supply, installation and commissioning of a fully integrated rail traffic management system (TMS) and control equipment, as well as its maintenance for 15 years, with the possibility of extending it to 20 years. It also includes training facilities, such as a signalling simulator, as well as providing a backup control centre in a secondary location.

Indra will equip the new rail control centre with an integrated and highly automated control system, based on its Mova Traffic line of solutions. Among other advantages, this advanced technology will enable management tasks to be centralized, providing more efficiency and safety while improving passenger service and information, incident resolution procedures and maintenance. The new centre will replace the existing one, also located in the Irish capital, which has different disaggregated control systems. The new centre will have the capacity to control the majority of signalling systems on the network and those that may be installed in future projects.

Thanks to the solution, Indra is going to develop, which will integrate regulation systems, an automatic router, communications, network management, a control panel and remote monitoring. Train circulation will be optimized, reducing potential conflicts and errors by providing operators with a single holistic interface and making information easily accessible to all stakeholders. Access to the railway for maintenance work and incident control will improve, enabling fast and efficient resolutions.

Indra Mova Traffic's rail traffic management solution is prepared to incorporate digital big data, artificial intelligence and the IoT. These technologies make it possible to adapt transportation to actual demand, improve the passenger experience, facilitate maintenance, and more intelligent, safe, sustainable, efficient, collaborative and open mobility.

With this new contract in Europe, Indra strengthens its position in the rail sector where it has successfully implemented its state-of-the-art technology solutions in countries such as the United States, Australia, the Netherlands, Lithuania, Mexico, Colombia, China, India and Malaysia, among others.

Indra has been working in Ireland for more than 15 years in the transportation market, with important projects such as; the Dublin Port Tunnel and many of the toll roads around the country. The new project assures that Indra will continue working in Ireland for at least another 20 years.

**Cutting-edge technology**

With this new project in Ireland, Indra's Rail TMS system secures its position as a worldwide leader with the most advanced rail traffic management platform currently in operation.

The system already controls more than 3,000 km of high-speed rail in Spain, 500 km of the Mecca-Medina high-speed railway, almost 2,000 km of the Turkish high-speed network and other networks of different characteristics in countries such as Lithuania, Malaysia, Colombia, Morocco and Spain.

Indra's railway traffic management technology is part of Mova Traffic, the transportation solutions block which enables comprehensive management and control of multimodal mobility, maximized by the addition of technologies such as big data, artificial intelligence and the IoT. It is also backed by the IRIS (International Railway Industry Standard) certificate, awarded to Indra, which certifies the highest standards in quality and safety for its rail products.

**Leading European innovation**

In order to remain at the forefront of the sector, Indra is the lead partner in some of the most significant R&D projects within the framework of Shift2Rail, the main European innovation project for the rail sector, and continues to make a significant effort to develop state-of-the-art rail technologies within the framework of Level 2 ERTMS (European Rail Traffic Management System) or ASFA Digital (digital Announcement of Signals and Automatic Braking), among others.

The company also promotes the digitalization of transportation for the purpose of achieving more sustainable, safer, more reliable and accessible mobility and infrastructure, helping decrease accidents to provide greater protection of passengers and infrastructure, without neglecting the company's commitment to manage transport in a more efficient and less polluting way.

Indra's experience in Transportation is unique, with over 2,500 completed projects in more than 50 countries. Indra Mova Solutions, its Transportation offering, covers the entire cycle of its clients' projects and combines new digital, integration, specialization and innovation capacities, with Indra's reliability, business know-how, transportation-specific technology, and the unique experience of its team of professionals.

**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 world-wide. It is a world-leader in providing proprietary solutions in specific segments in Transport and Defence markets, and a leading firm in Digital Transformation Consultancy and Information Technologies in Spain and Latin America through its affiliate Minsait. Its business model is based on a comprehensive range of proprietary products, with a high-value focus and with a high innovation component. In the 2019 financial year, Indra achieved revenue of €3,204 billion, with more than 49,000 employees, a local presence in 46 countries and business operations in over 140 countries.