

INDRA WILL DEVELOP THE TRAFFIC MANAGEMENT SYSTEM OF THE RAILWAY NETWORK IN ESTONIA FOR 18.4 MILLION EUROS

- **Eesti Raudtee, the company in charge of the Estonian national railroad, awarded the contract to Indra, which obtained the best technical and economic score in an international public tender**
- **The solution offered by Indra integrates centralized traffic control, planning, and regulation, facilitates automation, improves the network use, reduces operating costs, and enhances safety, traveler services, punctuality, incident management, and maintenance**
- **This contract reinforces Indra's leadership in the global railroad industry, making its rail management system, which has been implemented in Lithuania, an essential pillar of Rail Baltica, the largest rail infrastructure project in Europe, in whose design Indra participates with Prointec**

Madrid, July 16, 2020- Eesti Raudtee, the state-owned company that manages the Estonian railroad network, has awarded Indra a contract amounting to 18.4 million euros to carry out the design, development, implementation, and start-up of the system that will manage and control the rail traffic on the 1,214 kilometers national railroad network.

The contract, awarded by an international public tender procedure in which Indra achieved the best technical and economic score, includes the system maintenance for two years after the start-up of the last line, scheduled for 2025, opening the door to a long-term collaboration and maintenance. Indra thus becomes a partner of Eesti Raudtee in the modernization process to improve the quality, traffic management, and safety of rail infrastructures.

“We have set in motion a very ambitious investment plan until 2030 that will take our railway infrastructure to a new quality and safety level, so we are very happy to start the modernization projects. For Eesti Raudtee, the stages of implementing the new traffic management automation software are closely related to the schedule of the CCS (Control Command and Signalling System) project. Its aim is to automate and digitize the processes related to traffic management: the development of traffic schedules, the management of traffic by train dispatchers and the collection of traffic statistics for analysis,” said Erik Laidvee, the CEO of Eesti Raudtee.

This contract reinforces Indra's leadership in the global rail industry and consolidates its management system, which has also been implemented in the Irish rail network, as the most advanced system in operation.

“Indra's system has been functioning in Lithuania for many years. Therefore, the new contract makes it an essential pillar of rail transport in Estonia, where Rail Baltica, the ongoing and largest rail infrastructure project in Europe, will be developed. Indra also participates with Prointec, its engineering subsidiary, in the design of the Rail Baltica project”, explained Berta Barrero, the Transportation market director at Indra.

Indra will implement a complete traffic control and management solution in Estonian railroads that will include centralized traffic control (CTC), regulation, and planning systems and will be based on the Rail TMS (Traffic Management System), one of Indra's Mova Traffic range of solutions. This integrated and open management system provides a high degree of automation and incorporates the advantages of digitalization.

The great modularity and flexibility that this solution offers enables an orderly deployment in phases, hand in hand with a signage modernization that will have a positive impact on several national lines, savings costs and shortening times to completion for the client.

Indra's solution provides operators with a unique vision and enables the automation of the operation, improvement in the use of network capacity, operating cost reductions, and enhanced safety. In addition, it improves punctuality and traveler information services and provides fast and efficient incident management, which results in better passenger services and thus, an increase in the use of trains and sustainable mobility. It also enables the planning of maintenance tasks.

A growing presence in the Baltic countries

By implementing this project, Estonia becomes one of the many countries that have placed their trust in Indra's advanced technology for the railroad industry, including the USA, Australia, the Netherlands, Mexico, Colombia, China, India, Malaysia, and Lithuania. Indra's technology, including signaling and telecommunications, has been used for six years in the management of the 1,700-kilometer network in Lithuania.

The experience in the Baltic countries has been fundamental for entering into the new contract, fostering Indra's participation in the Rail Baltica project, a high-speed railroad that will link the capitals of Estonia, Latvia, and Lithuania.

Indra is already participating with Prointec in the design of the largest infrastructure project that has been carried out in the Baltic region in the last 100 years. The project will facilitate the transport of people and goods to the rest of Europe, providing maximum safety and comfort in an environmentally sustainable way and having a positive impact on the economic development of the region.

The most advanced technology

Thanks to the implementation of the project in Estonia, Indra's Rail TMS system reinforces its global leadership as the most advanced rail traffic management platform that is currently in operation.

The system manages the Spanish high-speed railroad network, which covers over 3,000 km; the 500-km Mecca–Medina high-speed railway; the Turkish high-speed railway, which totals almost 2,000 km, and other networks with varying characteristics in Malaysia, Colombia, Morocco, Lithuania, and Spain, among others. The system has also been chosen to manage Ireland's rail network.

Indra's rail traffic management technology is part of Mova Traffic, the range of transport solutions that enable the comprehensive management and control of multi-modal mobility. The solution is prepared to incorporate the digital capabilities of Big Data, artificial intelligence, and the IoT to meet actual transport demands, improve the travelers' experience, facilitate maintenance, and provide a smart, safe, sustainable, efficient, collaborative, and open mobility. It is also backed up by the IRIS certificate that Indra holds, which gives accreditation of the highest quality and safety of rail products.

Indra has a unique track record in the transport industry with over 2,500 projects developed in more than 50 countries. Indra Mova Solutions for transport cover the entire life-cycle of a project and combine the new digital, integration, specialization, and innovation capabilities that the market demands, providing reliability, business knowledge, and transport technology offered by Indra and the unique wealth of experience of its team of professionals.

About Estonian Railways Ltd

Estonian Railways Ltd is a state-owned company operating since 1870 and it is responsible for railway administration related tasks. Estonian Railways Ltd ensures smooth operation, management and maintenance of the railway infrastructure and efficient traffic management. As the owner of the railway infrastructure, Estonian Railways Ltd holds a central role in functioning of the transit sector and responsibility for maintaining a functioning competitive situation both in passenger and cargo transport.

About Indra

Indra (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.