



## Press Release

### **INDRA PRESENTS THE MOST ADVANCED RAILROAD SECURITY AND CONTROL TECHNOLOGY AT INNOTRANS**

- **Its new generic railroad security platform, InVITALRAIL, is shown in Berlin; includes hardware and systems for ERTMS-2 and digital ASFA at the maximum safety level (SIL 4)**
- **The company also displays DaVinci 2.0., the most advanced railroad traffic management platform in the world, and its technology for stations, telecommunications, ticketing and transport payment systems**
- **Indra's commitment to innovation in the rail industry has placed the company's solutions at the forefront of the global sector, with projects in countries such the USA, Mexico, Lithuania, Saudi Arabia, Turkey and Malaysia**

Indra, the leading technological multinational in Spain and one of the most prominent in Europe and Latin America, is presenting its latest innovations and most advanced solutions for the rail sector at Innotrans, the industry's most important international fair taking place in Berlin on September 23-26.

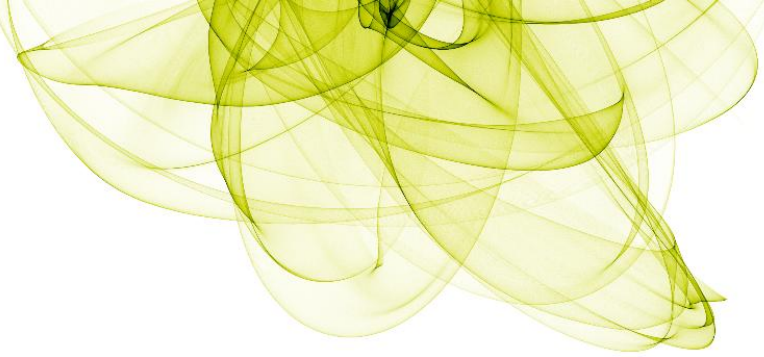
At its booth, the company is displaying its innovative technological platform for railroad safety, InVITALRAIL (developed in-house). The result of a major focus on R+D+i, InVITALRAIL integrates both the most advanced hardware and systems for automatic train protection (ATP), ERTMS level 2, centralized traffic control (CTC) and on-track security sensor concentrators.

Conceived as a modular and open security platform, unlike previous platforms in the market, it supports the integration of commercial solutions from different suppliers and houses both on-board and on-track signaling systems. It also meets the most stringent quality standards, with all systems being awarded SIL 4 security certification, the highest certification level available in the rail industry.

At Berlin, Indra is also presenting the RBC system, the primary infrastructure equipment and cornerstone of level-2 ERTMS system. The new RBC by Indra is ready to implement and has been granted CETREN's interoperability certificate.

#### **DaVinci, leading railroad management platform**

The latest version of the DaVinci system, the most advanced rail traffic management platform in operation in the world, can also be seen at Innotrans. The system, developed by Indra and the intellectual property of Adif, is already controlling Spain's high-speed network (about 3,000 km) as well as rail networks in Lithuania and Morocco. The 500 km Mecca-Medina



high-speed link will also be under its control, as well as the near 2,000 km of rail to be covered by the Turkish high-speed network in forthcoming years.

Technology for stations, telecommunications, access control, payment systems and ticketing completes Indra's offer in Berlin. At the booth you can see one of Indra's latest ticket machines.

Indra is one of the leading ticketing companies in the world, with projects such as the subways in Madrid, Barcelona, Valencia, Lisbon, Chile, Calcutta, Mumbai and Shanghai, the suburban railroad in Mexico City, the light rail in St. Louis, the light rail in Austin and the rail lines in Kuala Lumpur (Malaysia). The first high-speed railway in Saudi Arabia will also be equipped with the multinational's contactless technology.

## **Indra**

Indra, chaired by Javier Monzón, is one of the world's largest consultancy and technology multinationals, a leader in Europe and Latin America and is expanding in other emerging economies. Innovation is the cornerstone of its business, which is highly focussed on the customer and on sustainability. The multinational is one of the leaders in its sector in Europe in terms of investment in R&D and innovation, having invested more than €570M in the last three years. With sales approaching €3,000 million, it employs 42,000 professional and has customers in 138 countries.