

MOVA SOLUTIONS, THE INNOVATIVE PROPOSAL BY INDRA TO LEAD THE WAY TOWARDS THE FUTURE OF MOBILITY AND TECHNOLOGY IN THE TRANSPORT SECTOR

- **The proposal combines the new digital and integration capabilities, specialization and innovation demanded by the market with Indra's reliability, business know-how, transportation-specific technology, and the unique experience of its team of professionals**
- **With a complete portfolio of end-to-end solutions, Mova Solutions covers the entire cycle of transportation projects and helps Indra lead the creation of the mobility of the future, driven by the new digital environment and focused on making people's lives easier, safer and more comfortable**
- **Innotrans and ITS World Congress, the most important shows in the sector, taking place this week in Berlin and Copenhagen, respectively, have been the places chosen by the company to unveil its innovative proposal to the market and its main clients**

Madrid, September 19th 2018.- The future of mobility and technology in the transportation sector has a new name: Indra Mova Solutions.

The new offer for the transportation market from Indra, one of the world's leading technology and consulting firms. The proposal focuses on the new digital and integration capabilities, specialization and innovation demanded by the market combined with Indra's reliability, business know-how, transportation technology, and the unique experience of its team of professionals.

This combination of differential factors in what Indra has to offer the transportation sector has resulted in a portfolio of end-to-end solutions focused on leading smart mobility, which covers the entire cycle of our clients' transportation projects: from engineering and consulting to the solutions of collection, operation and control, security, communications, user experience and aftermarket services. This is how the company can live up to the expectations of an increasingly demanding user who wants higher service customization and decision-making capacity when they travel.

With the innovative proposals of Mova Solutions, Indra's aim is to build the mobility of the future, focusing on making people's lives easier, safer, and more comfortable. Doing so would help it to lead the transformation of mobility that drives the new digital environment, and strengthen its position as market leader and a key technology partner for its clients.

In parallel, Mova Solutions reflects the way Indra views the transportation market as a strategic market, due to its high potential for growth and the positioning of the company as one of the key global players in advanced transportation solutions. Globally, the transportation market presents a potential annual growth of 10-15%, and the smart mobility market that incorporates digital technologies into the world of transportation is expected to grow at an even higher pace.

For the introduction of Mova Solutions, Indra has chosen Innotrans and ITS World Congress, the leading shows in the sector, taking place this week in Berlin and Copenhagen, respectively. During these shows, Indra will also unveil their new commercial positioning in the transportation sector called "Unlocking life in motion" and their new visual identity with its first campaign "Unlocking mobility, life happens."

Innovative end-to-end solutions

The portfolio of Mova Solutions is structured in seven solution blocks.

An in-depth knowledge of the transportation business is what allows Indra to lead the sector since its inception and offer via **Mova Consulting** comprehensive engineering services, from infrastructure design to construction, project management services during the execution of the works, consulting services that add value to the planning and design of infrastructures, and also transportation operation services using BIM and GIS technology.

Mova Collet uses the latest technologies for transportation management, with the utmost reliability and flexibility for clients and passengers. These technologies include smart ticketing, a cutting-edge toll system, and a unified multimodal backoffice system. With a 4.0 mobility approach, Indra offers comprehensive, multimodal, barrier-free transportation services, mobile or bank card payments and new validation schemes, such as Pay as You Go, Account Based or Be in Be Out.

The top quality of service and the optimization of transportation infrastructures and operations are possible thanks to **Mova Traffic**, which allows comprehensive management and control of multimodal mobility. Indra's leadership in control systems for railways, road traffic, tunnels, buses, ports and airports; the experience in the design and construction of control centers, and the management of transportation terminals are maximized by the incorporation of technologies such as big data, artificial intelligence or IoT.

Every solution designed to guarantee the safety of the passengers and provide maximum protection of the clients' business and their assets are grouped around **Mova Protect**: security systems, video surveillance, enforcement, driving simulators, on-board systems on vehicles and cybersecurity, something that is increasingly necessary in this new digital environment. A new generation of smart, safe, reliable IoT systems allow for the provision of new services.

Improving people's lives

One of the key aspects in the mobility of the future is to improve the passenger experience, so Indra created the **Mova Experience**, which includes information and advertising systems for passengers, entertainment systems, Wi-Fi and contents and new solutions for the digital user supported in big data, virtual and augmented reality and artificial intelligence.

Mova Comms responds to the increasingly critical connectivity needs within the transportation ecosystem, and includes full communications solutions, Information Technologies and new IoT platforms, allowing for the interconnection of the different elements of the transportation infrastructure, control centers and cloud-based platforms.

Last but not least, with **Mova Care** Indra sets out to boost the confidence of its clients with personalized service, tailored to each project, with new operation models and predictive maintenance of transportation infrastructures, technology and services.

Unique expertise in transportation

Indra's experience in transportation is unique, with over 2,500 completed projects in more than 100 cities and 50 countries on all five continents, and a staff of over 1,200 professionals with in-depth knowledge of the business. The company is a technology partner in some of the most ambitious transportation infrastructure projects in the world, such as the construction of the Mecca-Medina High-Speed Line, the expansion of the Panama Canal or the control of the London road tunnels.

Moreover, Indra is leading some of the most important European innovation initiatives on transportation digitalization and the use of new smart solutions based on IoT, artificial intelligence, big data and cloud computing. Indra is also part of the highest governing body of Shift2Rail, the main European initiative on research and innovation in the rail transportation sector that will be designing the next generation of solutions. Indra is leading, among other projects, the Transforming Transport macro project that uses big data to improve mobility, the Harmony project, which develops technologies to integrate real-time data from different operators,

means of transportation and traffic to improve multimodal information services. The AUTOCITS project, which implements testing of unmanned ground vehicles on the roads of Lisbon, Madrid and Paris to update the regulations, control centers and infrastructures for connected and autonomous cars, is another good example of the company's leadership.

The new offer for the transportation market is part of the complete transformation that Indra has made to the structure of its commercial offer and the renewal of the brand and its values to intensify its competitive positioning and spur its growth.

About Indra

Indra 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 the 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 2017 financial year, Indra achieved revenue of €3.011 billion, with 40,000 employees, a local presence in 46 countries and business operations in over 140 countries.