Indra Group at MWC 2026

Presentation

Indra Group returns to Mobile **World Congress Barcelona 2026** to showcase its latest innovations in **defence, space, air traffic, mobility, artificial intelligence (AI), cybersecurity and advanced technologies**.

With its disruptive developments and solutions, the company is **able to respond** to the increasingly challenging challenges of a geopolitical scenario marked by **hybrid threats** and to meet the needs of industries, where **cybersecurity**, **sovereign artificial intelligence** or **connectivity** are unavoidable concepts.

The Spanish defence, aerospace and advanced digital technologies multinational will be present in the main *hall* of the MWC with an exhibition space of 296 m² with a proposal based on three fundamental pillars: **service to society, technological sovereignty and the strategic autonomy of Spain and Europe**.

The company's stand will offer **immersive experiences, technological demonstrations and solutions** for key sectors such as **industry, transport, energy, defence, public administrations, space and air traffic**.

The **main focus** will fall on **IndraMind**, the solution to protect cities, infrastructures and democracies through **cognitive superiority, autonomous operation capacity and maximum cyber resilience**.

As a sponsor of the *Manufacturing & Production Summit*, Indra Group will participate in its keynote speech and in a specialized panel on cognitive automation applied to industry.

The leading Spanish multinational and one of Europe's leading defence and advanced digitalisation companies will also be present at the *Talent Arena 2026*, a benchmark event on digital talent that will be held in parallel to the MWC and where Indra Group will reinforce its commitment to the attraction, development and projection of technological talent.

IndraMind, the 'brain' that protects people, territories and critical infrastructures

IndraMind is Indra **Group's cyber-resilient intelligence proposal that connects systems, provides a single operational vision and translates data into coordinated decisions to protect infrastructures, territories and people**.

Launched in late 2025 to respond to new hybrid threats with a growing technology component, this sovereign intelligence solution helps coordinate cameras, sensors, operating systems, cybersecurity, communications, alerts, and command centers.

In this way, and thanks to Indra Group's capabilities in space, mobility, comprehensive security, air traffic and digital innovation, IndraMind is able to offer a **unique and real-time image of what is happening so that institutions can make faster and more accurate decisions**.

The difference compared to previous approaches is twofold:

- Sovereignty. The solution is **designed for organizations to maintain control** over their infrastructure, data, and the intelligence that guides critical decisions.
- AI with purpose. Artificial intelligence (AI), instead of just analyzing, reasons at the speed of the operation to **translate data into operational decisions**.

How it works:

- Connect sources (video, sensors, OT/IT, cyber, communications).
- Understand the context (where, when, who, and what is related).
- Prioritize what is important and propose options for action.
- Coordinates teams and resources.
- Learn from each event to improve its performance.

IndraMind's challenges and solutions in the immersive room

The **immersive room** present at the Indra Group stand will allow you to learn about and experience some of **IndraMind's use cases**, such as the management of drone swarms, intelligent maritime surveillance or safe operation in tactical environments. Here are **some examples**.

1. AI in drone swarms

The application of **AI in drone swarms** enables unmanned multi-platform operations in complex operating environments.

Today's missions require distributed capabilities capable of operating in highly dynamic scenarios. The challenge is not only the individual autonomy of each platform, but the ability

of the whole swarm to navigate, share information and act coherently, maximizing the effectiveness of the mission and the survival of its members.

The solution incorporates advanced autonomous navigation, augmented and shared situational awareness along with complex collaborative strategies, allowing the swarm **to collectively adapt to changes in the environment and emerging threats**.

2. Intelligence for maritime surveillance

The case of **data and intelligence fusion for maritime surveillance** shows how AI makes it possible to strengthen situational awareness at sea by integrating multiple sources of information.

In an environment characterized by large volumes of data, intense traffic and increasingly sophisticated threats, the challenge is no longer to have sensors, but to correlate, interpret and prioritize heterogeneous information to detect anomalous behavior and support decision-making in a timely and reliable way.

IndraMind combines the massive fusion of multi-source data – sensors, the AIS security system, open sources and satellite images – with advanced AI capabilities **for the detection, classification and identification of ships and anomalous behavior patterns in near real-time**.

This integration provides a more complete, accurate and actionable common maritime picture, improving surveillance, incident response and coordination between the different actors involved in maritime security.

3. Maintenance Co-Pilot

Indra Group's immersive space at MWC will also show how **generative AI** can be applied **to simultaneously improve the safety, efficiency and speed of maintenance operations in critical environments**.

The co-pilot acts as an intelligent assistant based on official documentation and historical maintenance data, providing accurate and contextualized responses that are immediately activated during the intervention.

The impact is a **reduction in intervention times, fewer rework and errors and a direct improvement in both operational safety and system availability**.

The entire solution is developed, deployed and governed on IndraMind, in a 100% *on-premise*, secure environment with no external dependencies. In addition, traceability, explainability and human control are guaranteed throughout the entire AI lifecycle to ensure responsible and auditable use.

.

4. AI-generated opponent simulation

The case of **AI-generated opponents using reinforcement learning** shows how AI can significantly increase the realism and effectiveness of operational training. It is not only about simulating platforms or scenarios, but also about recreating credible and unpredictable adversaries capable of faithfully replicating combat conditions.

This **allows the number and diversity of actors to** be scaled up quickly**, create more immersive and demanding scenarios, and adapt training to different threat levels**, improving preparedness against real and dynamic adversaries.

The development, training and governance of these models are carried out on IndraMind, which supports the entire AI life cycle and guarantees traceability, explainability and human control.

Space, a new scenario to defend Europe's strategic autonomy

The MWC incorporates, for the first time, an area dedicated to the space sector, fundamental in the connectivity network that Europe needs to ensure critical services, manage emergencies, boost its digital economy and strengthen its strategic autonomy.

Indra Space, Indra Group's initiative to deploy its capabilities throughout the value chain of the space sector – in the civil and defence sectors – thus takes on special prominence at the fair.

Present in the main European space programmes, its role is key to strengthening **secure communications, access to space and security**.

After 40 years of experience, more than 50 missions and more than 500 space projects around the world, Indra Space has demonstrated its competence in:

- Earth observation
- Secure communications
- Satellite navigation
- Space surveillance and tracking
- Space exploration

Today, space has become a strategic domain for the defense, security, and daily functioning of our societies.

From ground control systems to satellite platforms, Indra Space ensures that governments, defence organisations, institutions and companies can operate with confidence in the increasingly critical environments.

Its **model of innovation in dual technologies** ensures that the investments made also generate tangible benefits for society, industry and the environment.

This vision is particularly relevant after the acquisition of Hispasat which, together with Indra Space, multiplies Indra Group's capacity to respond to a new scenario where European technological sovereignty has moved beyond the earth's surface.

The **IRIS² project, led by Hispasat**, exemplifies this qualitative leap: a **new European architecture of secure connectivity conceived as critical infrastructure**, based on **multi-orbit capabilities** to guarantee **continuity, resilience and sovereignty even in crisis environments**.

At the forefront of air traffic

Indra Group's proposal for MWC includes its **solutions for air traffic control**, which have led it to become an industrious benchmark in the sector: **more than 85% of passengers worldwide and more than 90% of countries benefit from its systems**, which integrate AI, augmented reality and data analytics.

The main course in Barcelona will be **Startical**. An initiative developed **together with ENAIRE**, **it is taking communications, navigation and surveillance infrastructure into space through a constellation of 288 satellites**.

Startical has already achieved a **historic milestone**: real-time voice and data communications between an aircraft and a control center from an orbiting satellite for the first time, **opening the door to new global routes and truly universal air traffic control**.

In this way, **dependence on non-European constellations is reduced** and the continent is positioned in a new geopolitical balance based on the **security of government communications**, the **defence of digital sovereignty** and control **over strategic assets**.

Experiences in drones, defense, mobility and advanced technologies

Visitors to Mobile World Congress 2026 will be able to find the **most disruptive innovations with the greatest impact in the defence, mobility, industry and public services sectors** at the Indra Group stand .

The Spanish multinational will show at the fair some of its most transformative autonomous platforms, such as a **VTOL (vertical landing and take-off) air unit**, or secure communications and Earth observation with the **VORAX satellite platform** as the protagonist, designed to **neutralise unmanned aerial systems**.

Indra, a benchmark in cutting-edge technology for the Armed Forces – it collaborates with governments in more than 70 countries – has solid **experience in the five domains of defence** and is a central part of the programmes that are transforming the industry.

At MWC, the company will showcase its role in the **renewal of air surveillance radars**, in **strategic cyber defence programmes**, in the **future European command and control system**, in the **manufacture of next-generation armoured vehicles** and in the **national coordination of FCAS.**

The exhibition area will also have screens so that the public at the fair can learn how far smart mobility has come with Indra.

Thus, they will be able to discover the **ticketing *project*** for **Transport for London** which, signed just a few weeks ago, **will guarantee the operation and evolution of the largest system** of its kind in **the world**.

In addition, the public of Barcelona and cities around the world will discover why the **management of *ticketing* T-Mobilitat**, Barcelona's public transport network, was awarded at the **Transport Ticketing Awards 2025** in the category of *Best Smart Ticketing Program – More than one million daily trips*.

 Minsait's innovative digital solutions, present in companies and public administrations **throughout Spain and southern Europe, Latin America, Africa, the Middle East and Southeast Asia**, will also have a prominent space in the Indra Group exhibition area.

The cross-cutting services of Indra Group's advanced technology company – **AI and *data*, cloud, cybersecurity, payment methods and business consulting** – have managed **to transform all industries and bring public services closer to citizens**.

The use cases include the development of **digital and communications infrastructures**, **IT/OT convergence**, **application modernization**, **sustainability solutions** or the deployment of **autonomous networks** to prepare companies and Administrations for the massive arrival of artificial intelligence in the physical environment.

Some of **Minsait'**s milestones are its **20 years transforming the healthcare system** with technologies that empower professionals, connect citizens and guarantee the secure use of data; its **more than three decades accompanying banks in Europe, Latin America and Asia** in their main modernization processes; or the transformative potential of disruptive technologies such as **quantum computing**. **AR/VR** (augmented reality and virtual reality), ***blockchain*** or **AI** that, from the Tech Operations unit, are helping to enhance the competitiveness of organizations.

Parallel activities

Within the framework of the fair, Indra Group will also have a prominent presence at the *Manufacturing & Production Summit* and the *Talent Arena 2026*.

Ignacio Martínez, director of IndraMind, will take part in the first of the events. Scheduled for Monday, March 2 (from 2:14 p.m. to 3:30 p.m.), it is intended to analyze how AI, the Internet of Things, robotics or digital twins are impacting the **industrial sector**.

As part of the role of experts, the head of IndraMind will describe the **importance of an intelligent and cyber-resilient industry in the face of hybrid attacks** to guarantee operational continuity, isolate threats, anticipate sabotage, coordinate autonomous response and preserve digital sovereignty.

In the Talent *Arena 2026 space*, Indra Group, one of the main companies driving specialized and quality employment, will showcase its technological experience and present professional **opportunities for STEM talent**.

The Global Director of Human Resources of Indra Group, Mari Carmen Moneva, and the Global Director of Tech Operations, Sebas Bamonde, will give a conference on March 2 to unravel the possibilities offered by Indra Group to young people. Particularly, Vocational Training (VT) graduates with high technical specialization; the technology and engineering company has collaboration agreements with 346 training centres throughout the country and a third of its workforce comes from vocational training.

In the *networking* area, the technology and engineering company will have the opportunity to share its value proposition, detailing its main businesses and explaining the importance **of Indra Group's corporate culture in each of them**, based on the **personal growth** of its professionals and the **real impact of technology on society**.

Indra Group's participation in the expert debates planned at the fair includes two other interventions. On the same Monday (from 9 a.m. to 11 a.m.), **Rodrigo Castiñeira, head of Strategy and Innovation at Mobility**, will analyze the challenges and opportunities of the sector at the smart mobility table.

Eladio García, director of MIT in the Industry and Consumer market at Minsait, will be part of the panel of experts at the *Accelerating IT/OT Convergence in Manufacturing with Mobile Technologies table*, which will take place on Wednesday, March 4 (9:30 a.m. to 11:30 a.m.).

The telecommunications trends we will see at MWC

The Mobile World Congress 2026 will bring together the main players in the digital ecosystem in Barcelona in a phase of structural redefinition for the telecommunications industry. Beyond the technological announcements, the focus of the congress will be on the strategic decisions that will define the industrial model of the sector in the coming years.

Nae, Minsait's telecommunications consultant, has identified seven trends that will mark the event's agenda:

1. Resilience as the structural axis of the telco model

Resilience is consolidated as a strategic variable. The debate will revolve around new hybrid architectures (terrestrial and satellite), risk-sharing models in critical infrastructures and the regulatory and geopolitical implications of network security. Resilience will no longer be addressed only from technology to be integrated into the design of the business model.

2. The consolidation of satellite and *Direct-to-Cell* in the operators' strategy

Satellite connectivity continues to evolve from a complement of coverage to an increasingly integrated element in the ecosystem. MWC 26 will analyse the fit of LEO and NTN models in telco strategies and the impact of *Direct-to-Cell* (D2C) on the value proposition of operators.

3. New infrastructure models and asset monetization

Sharing, neutral *host*, and different asset specialization formulas will continue to gain prominence. In an environment of pressure on margins, the sector will explore how to maximize predictable cash flows through more flexible models of access and operation of infrastructure.

4. Specialized connectivity as a new frontier of 5G

With widespread coverage, the differential value shifts to complex environments: high-density indoor spaces, transport infrastructures and industrial environments. The challenge will be to design sustainable business models in scenarios of high technical demand.

5. Networks evolving into sensing capabilities

The incorporation of *sensing functions* in the evolution towards 6G will open up new applications linked to the management of critical environments, infrastructure monitoring and the integration between network and security. The network is progressively expanding its role within the industrial model of the sector.

6. Automation and AI as an operational requirement

Advanced automation and the integration of AI in critical operations are consolidated as necessary elements to ensure efficiency, predictability and responsiveness under stressful conditions. Operational autonomy will be a key component of resilience.

7. The role of the sector in the AI and energy economy

The growth of AI data centers and increasing energy demand are redefining the competitive environment. The telecommunications sector will have to position itself as a facilitator and strategic partner in the construction of new digital infrastructures, in close coordination with the energy sector.