

## MINSAIT BRINGS NEW 5G CONNECTIVITY TO INDUSTRIAL ENVIRONMENTS

- **The company provides a solution for 5G private networks wherever an application that improves business conditions is required, with an end-to-end solution approach (based on the “Network in a box” concept)**
- **5G private networks enable communication among devices, machines and people, with high bandwidth and latency performance, as well as advanced reliability and security conditions thanks to the isolation of both the data and the business process from the outside environment**

**Madrid, June 16, 2022.-** Minsait, an Indra company, has launched a differential proposal to accelerate the digital transformation of companies through the implementation of 5G private networks in industrial environments. This end-to-end solution covers everything from the identification of the needs to be covered in the industry to the deployment of the system, including the necessary infrastructure and the management and supervision of the entire private network. In this way, Minsait makes available to companies the benefits of all the potential these networks offer for the implementation of use cases in companies, with the capacity to provide 5G (and 4G) connectivity for communications in remote areas with little or no coverage.

While there are increasing possibilities to use free spectrum or shared bands available to the industry, spectrum sharing agreements can also be reached with operators to complement their networks in rural or isolated environments, and for customers who want to maintain full control of their network while ensuring security and privacy, as the data remains in their own facilities and systems.

5G private networks have numerous possible applications in vertical industries such as manufacturing, energy (utilities), construction and mining, transportation and logistics, entertainment and agriculture. They provide a higher level of security and privacy, as well as better performance, reliability and mobility compared to other networks (e.g. Wi-Fi).

5G also increases bandwidth and the number of devices, and decreases latency compared to previous mobile networks. In addition, these private networks, which are fully compatible with other existing networks, feature flexibility and customization that improve efficiency, cost savings and, in turn, facilitate the construction of new use cases in vertical industries.

Furthermore, 5G enables many interrelated technologies that open up new opportunities for growth in companies, such as: Internet of Things (IoT), real-time data analysis, Artificial Intelligence (AI) and machine learning. It thus introduces new use cases that were previously unfeasible in industrial environments, such as advanced manufacturing, preventive maintenance of infrastructures and improved security at facilities through the use of a greater number of sensors, and the improvement and partial or total digitalization of processes, through robots, cameras, drones and augmented reality.

Minsait's 5G private network solution is based on the “Network in a box” concept and uses compact equipment with pre-integrated, easy-to-implement components, such as a virtualized mobile network core and Edge Computing, which enables rapid deployments at a lower cost. This is also a stand-alone solution with simple and powerful tools for network management and monitoring, and integrates an encrypted communications solution for voice, video calls, PTT (Push-to-talk) and instant messaging.

To ensure a successful deployment, however, it is important to have reliable technology partners who can help industries identify the necessary requirements in order to meet their expectations and overcome the complexity that such an implementation may initially entail, while ensuring a positive cost-benefit ratio.

Minsait has published a report explaining what 5G private networks are and their application in industrial environments: <https://www.minsait.com/en/news/insights/5g-private-networks-solution-needs-vertical-industries>

Minsait's proposal to encourage the arrival of 5G private networks in industrial environments is in line with its Phygital offering of end-to-end solutions that connect the physical and digital worlds (OT/IT), specifically in the field of infrastructure operation and asset management. An offer that responds to the rapid transformation that the management of the physical world is undergoing through digitalization, with a focus on several trends: the disappearance of the barriers between IT and OT, the exponential growth of connectivity, the improvement of the capacity for data analytics by means of Artificial Intelligence and the transformation of value chains with the increasing influence of sustainability.

**About Minsait**

Minsait ([www.minsait.com](http://www.minsait.com)) is Indra's leading company in digital transformation and Information Technologies. Minsait possesses a high degree of specialization and knowledge of the sector, which it backs up with its high capability to integrate the core world with the digital world, its leadership in innovation and digital transformation, and its flexibility. Thus, it focuses its offering on high-impact value propositions, based on end-to-end solutions, with a remarkable degree of segmentation, which enables it to achieve tangible impacts for its customers in each industry with a transformational focus. Its capabilities and leadership are demonstrated in its product range, under the brand Onesait, and its across-the-board range of services.

**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 worldwide. It is a world-leader in providing proprietary solutions in specific segments in Transport and Defence markets, and a leading firm in Digital Transformation 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, end-to-end focus and with a high innovation component. In the 2021 financial year, Indra achieved revenue of €3.39 billion, over 52,000 employees, a local presence in 46 countries and business operations in over 140 countries.