

INDRA INCORPORATES ARTIFICIAL INTELLIGENCE INTO ITS SIMULATORS AND REDUCES TO MINUTES THE TIME NEEDED TO GENERATE ANY TACTICAL BATTLE SCENARIO

- Indra revolutionizes military training by drastically reducing the time needed to generate virtual scenarios for mission preparation, a task that until now required days or even weeks of work
- This is a new feature that adds to the company's existing use of AI to simulate the behavior of aircraft, combat vehicles, and friendly and enemy ships involved in exercises
- Indra is committed to the most advanced digital technologies to enable increasingly complex and realistic tactical training

Madrid, June 17, 2025. – Indra is incorporating into its simulators a system based on artificial intelligence that allows the definition, in a matter of minutes, of tactical training scenarios used to generate real missions—a task that until now took days and consumed significant resources and effort.

The company presented this new feature at the Paris Air Show, one of the largest international aerospace exhibitions held in Europe. It is already being integrated into its new simulators and will be progressively added to systems currently in service.

The use of simulators to prepare missions before deployment in operational zones has, for years, been an essential pillar of any army's preparation. Realistic scenarios are designed to faithfully reproduce the terrain's topography and the location and tactical behavior of entities—both friendly and enemy—that will be encountered on the battlefield.

The agility in generating these environments is crucial to maximize the time available for mission preparation. However, due to the large amount of information and detail required, this has been a long and tedious process, demanding the dedication of experienced personnel for weeks or months.

With the development of the new tool based on advanced AI models (LLM and Large Language Model), the company drastically reduces the time needed for this task, while also enhancing the realism of the scenarios and revolutionizing military training and mission preparation.

The instructor only needs to specify—either in writing or verbally—what is desired, for example: a complex scenario including air and ground platforms operating in a specific geographic area. The system automatically generates the complete synthetic environment, with all types of preconfigured platforms, including their position, speed, planned route, and whether they are friend or foe.

Within minutes, training can begin, and the instructor can make adjustments as needed—such as moving a fighter jet's route away from an enemy position or changing the formation type of a tank column. The system learns from all these corrections and adapts to each instructor's preferences to further streamline future work.

This new feature adds to other uses the company has already implemented for AI in its systems to simulate the behavior of other aircraft or platforms involved in exercises.

Indra is shaping the development of new simulation paradigms linked to Live Virtual Constructive (LVC) and Modeling and Simulation as a Service (MSaaS), which will transform this discipline.

Indra is also a pioneer in applying Intelligence to the defense sector and recently introduced IndraMind, its intelligence system designed to maximize the automation of critical operations and ensure superiority in multi-domain operations.

About Indra

Indra (www.indracompany.com) is one of the leading global technology and consulting companies, world leader in engineering technology for aerospace, defense and mobility business, and that heads digital transformation consultancy and information technologies in Spain and Latin America through its affiliate Minsait. It is the technology partner for digitalization and core business operations of its customers worldwide thanks to its business model, based on a comprehensive range of proprietary products, with a high-value end-to-end focus and a high degree of innovation. Sustainability is part of its strategy and culture, to face present and future social and environmental challenges. In the financial year 2022, Indra achieved revenue totaling €3.851 billion, with more than 57,000 employees, local presence in 46 countries and business operations in over 140 countries.

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