

INDRA WILL DEVELOP ONE OF THE MOST ADVANCED ARMORED VEHICLE TRAINING CENTERS IN EUROPE, WITH 28 NETWORK-CONNECTED PIZARRO SIMULATORS

- **The system will be incorporated into the virtual serious games coaching platform already used by the Spanish Army to provide high-quality training**
- **The Pizarro simulators will be installed at different bases and connected to form an authentic distributed simulation center that's among the most advanced in the world**
- **Immersive simulation in virtual environments will provide a new level of training and save on costs, reserving the use of the real platforms for maneuvers and missions**

Madrid, February 9, 2021.- The DGAM (General Directorate of Armament and Materiel) has signed a contract with Indra to equip itself with 28 simulators of the phase I/II Pizarro Infantry/Cavalry Combat Vehicle, which will be incorporated into its serious games platform to create what is set to be one of the most advanced distributed simulation centers in Europe and the world.

The company will implement seven section simulators, each of them equipped with four simulators of the Pizarro I/CCV, an armored vehicle that is able to move rapidly in combat with a platoon of soldiers on board.

The simulators will be implemented at different bases distributed throughout Spain that will be connected in a network so that joint exercises can be performed remotely.

This capacity will be multiplied by connecting the simulators to the Army's serious games platform, software that capitalizes on all the potential of the games to provide training for soldiers in a virtual field of operations where they can interact with all kinds of troops, platforms, threats and scenarios.

Each of the 28 Pizarro simulators will feature separate Driver and Tower simulators (including the Vehicle Commander and Marksman positions), allowing independent training for each crew member. There will be an instructor position for each section of four vehicle simulators from which the exercises will be defined and supervised.

Following the entry into service of these systems in 2022, the Spanish Army will have one of the most advanced distributed training centers in Europe.

The goal is for the vehicle's crew to train as if it were on a real mission, moving around complex scenarios in which it has to coordinate with other forces.

With these systems, the Army will be able to prepare operations such as the one it has recently carried out in Latvia, during which the Pizarro was deployed within the EFP (Enhanced Forward Presence) mission as part of the NATO contingent.

It will also be able to recreate its regular tactical maneuvers and exercises which, in some cases, mobilize thousands of soldiers and hundreds of vehicles, helicopters and drones.

The virtual training provided by Indra's simulators speeds up preparation and brings huge cost savings by reserving the use of real vehicles for higher-level exercises and real operations, thus reducing maintenance and fuel expenses.

According to Indra's simulation managers, "the rapid technological development of virtual reality and communications is facilitating full immersion merged with the use of real systems in virtual environments". Meanwhile, the use of virtual reality is spreading to all the sectors and activities of the economy, ranging

from the entertainment industry to healthcare, engineering and improvements to transportation, among other fields.

Indra has a family of mission simulation systems to train soldiers with different profiles. The company has delivered the full system for the simulation of Leopard 2E tanks and fifty Victrix simulators enabling soldiers to train with their own weapons to the Spanish Armed Forces, as well as simulators for all kinds of fighter jets, planes, helicopters and advanced marksman simulators.

About Indra

Indra (www.indracompany.com) 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. Indra is an international leader in the Defence Industry for its development of critical national defence projects for the countries for which it works, for its participation in major European programs in the NATO framework and its export capacity, as well as the Spanish national coordinator in the European FCAS Defence program. Moreover, a leading firm in Digital Transformation Consultancy and Information Technologies in Spain and Latin America through its affiliate Minsait. In the 2019 financial year, Indra achieved revenue of €3.204 billion, with more than 49,000 employees, a local presence in 46 countries and business operations in over 140 countries.