INDRA ANTICIPATES THE FUTURE OF DEFENCE WITH ITS INNOVATIVE MULTI-DOMAIN COMBAT CLOUD

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In a theater of military operations facing increasingly complex, sophisticated and asymmetric environments, it’s clear that traditional solutions aren’t enough. To overcome these limitations, we present Indra’s NIMBUS combat cloud, an innovative platform-agnostic solution that can be adapted to the needs of each domain.

NIMBUS constitutes a radical paradigm shift on the battlefield, focusing on the mission and knowledge and multiplying capabilities in command and control support across platforms, domains and levels of conflict. It drives collaborative combat, improving coordination and decision-making and, ultimately, contributing to information superiority.

Powered by artificial intelligence, it extends decision-making capabilities to any element of the mission, enabling it to respond in time-critical situations and adapt to the dynamics of the operating environment.

NIMBUS deploys collective intelligence to orchestrate all of the force’s assets so that they adapt optimally to the changing circumstances on the battlefield in real time.

It also enables decision-makers to gain secure access to resources and data suitable for demanding combat scenarios from anywhere, creating an operations center capability wherever it is needed.

NIMBUS is Indra’s solution for the implementation of a multi-domain combat cloud, one that not only enhances the force’s cohesion and multiplies the global capability of the collaborative combat, but also puts forward a unique and open reference architecture to facilitate the contribution and incorporation of any additional asset, thus protecting technological sovereignty and national and European strategic autonomy.

with different payloads including sensors, effectors and lethal effectors that will determine the role of the weapons system based on the operational scenario and mission.

VALERO boosts combat power on the battlefield, primarily down to four factors (a high number of VAMs (mass combat), collaborative capabilities with different assets, payload flexibility and its capacity for launches from different platforms). All of these factors help us obtain the superiority required to combat new threats