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CT will present at FEINDEF 2023 its 4.0 solutions in all areas of defense: aerospace, naval and land.

- CT will once again participate in FEINDEF, this time as a General Sponsor, presenting its role as an integrator of 4.0 technologies with interoperability software solutions for collaborative missions.
- In addition, the company will present its LAB METOC patent for the first time in Spain, a decision support platform based on environmental and climatological data that minimizes risk in military operations.
- Among its digital solutions, visitors will learn more about how to manage the life cycle and integrated logistics support in the naval sector, about the 3DEXPERIENCE platform, the strategic solution for defense programs.

Madrid, May 9 2023,- CT, a leading engineering company in technological innovation throughout the product life cycle, will once again participate in FEINDEF, which will open its doors from May 17 to 19 in halls 8 and 10 of IFEMA, Madrid.

The company is showing its support as a general sponsor of this event, which in the words of its Country Manager, José Evelio Jiménez, "gives visibility to Spanish industrial companies, which is very important, because it gives us the opportunity to discover the capabilities of each one and add value as a whole. It also allows us to know the needs of the sector, which helps us to plan future competencies, innovation and the necessary investment".

Interoperability, key to training in collaborative missions

This year, CT will focus on its ability to interoperate several simulators in real time, **interacting in the same virtual space and using different 4.0 technologies.**

Visitors to the booth will be able to try out a collaborative mission use case, from the stands of two simulators - an F18 aircraft and a Mistral system. The simulation experience is developed in a mixed reality environment: the interaction with the physical controls takes effect in the virtual environment, designed by its partners **Aechelon Technology**, which they will be able to see thanks to virtual reality glasses of the Varjo brand, of which **CT is an official reseller.**



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With this, CT intends to highlight the added value of the integration and communication of the different platforms involved, an integral service that the company offers to its clients, selecting the best technology providers according to the needs of each project.

Proof of this is the company's most recent success story, its collaboration with HALO Space, a Spanish space tourism company, which has successfully launched its first round-trip flight to the stratosphere. CT leads this program as an integrator of all phases, being responsible for engineering, design and stress tasks, as well as communication and FTI, and the capsule electrical system.

LAB METOC, a decision support platform for military operations

CT has chosen FEINDEF as a showcase to present its LAB METOC platform for the first time in Spain. This decision support platform aims to assess the evolution of environmental conditions to ensure the success of military operations. To do so, it uses a combination of meteorological conditions and other impact data such as oceanography, geography and observational data from sensors.

Developed by its team of engineers in France, who will be present at the stand, LAB METOC offers services in three distinct areas: assessment of the risk of a mission based on the data collected and its evolution, identification of the most favorable time and place to carry out the mission, and decision support with clear and concise information.

Applied engineering solutions based on Industry 4.0 for the naval sector.

Part of CT's stand will be dedicated to the naval field, a strong pillar in the company's defense activity since its beginnings. Specialists from its different delegations in Ferrol, Cartagena, Saint-Nazaire or La Forêt-Fouesnant (France), will present to the public its engineering and digital transformation solutions covering the product life cycle from the ideation of a ship to its commissioning and service life. All this with particular emphasis on applied engineering, and specifically on integrated logistics support, in which they have more than 500 thousand hours of experience.

3DEXPERIENCE, the strategic solution for defense programs

CADTECH, a CT company and Partner of Dassault Systèmes, will present at the booth the multiple benefits of the 3DEXPERIENCE platform for the strategic management of defense programs, such as facilitating and accelerating innovation, increasing quality and reducing costs.



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José María Prats, Key Account Manager of CADTECH, explains that "given the multiple challenges faced by military operations, ranging from the complexity of operations, innovation, budget compliance, collaboration and coordination between departments, companies, countries, to cybersecurity risks, having a single environment and full traceability of the project is a guarantee of success".

About CT

CT is a leading technological company that provides innovation and engineering services in the aeronautical, space, naval, automotive, rail, energy and industrial plants sectors. CT pushes the boundaries of technology through innovation, raising performance to new levels throughout the entire life cycle of products, from design, manufacturing to post-sales support. With over 35 years of experience, today CT's success is driven by more than 1,800 talented employees based in nine countries, spanning three continents. www.thectengineeringgroup.com

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