

INNOVATION IN ACTION

EPIIC Team Stories

MEET JUAN CARLOS: The Technical Visionary

"Seamless Leadership for Next-Generation Aviation"

JUAN CARLOS BAUTISTA BOLONIO

TECHNICAL MANAGER

FCAS & SPECIAL PROJECTS



Engineering Excellence in the Defense Sector

Juan Carlos is an Industrial Engineer with over 8 years of experience in the Defense Sector. His journey has been marked by a passion for understanding technology and applying it in innovative ways. He brings expertise across several domains:

Project Engineering: From defining requirements to supporting end-users, Juan Carlos has worked extensively on counter-UAS solutions, border surveillance, ISR systems, sensor integration, and UAV platforms.

Systems Engineering: He has hands-on experience with NAVAIDS, radar systems, radio communications, optronic systems, and ground communications—covering setup, configuration, testing, and validation.

R&D Technical Management: Leading cross-functional teams, he has guided the development and implementation of cutting-edge technologies, overseeing the full R&D lifecycle while collaborating with stakeholders on technical requirements.

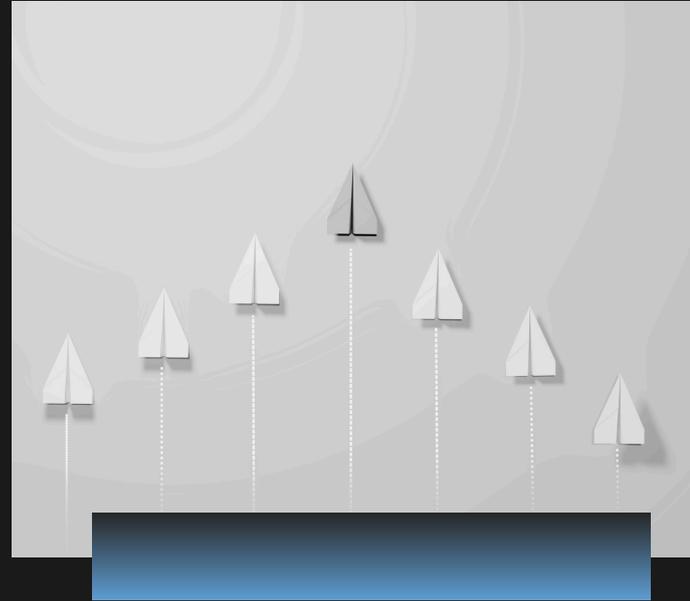
Inspiration: *Being influenced by the desire to learn and being close to technology inspired Juan Carlos to dive deeper into a field that blends innovation, challenge, and impact.*



Steering Innovation as Technical Manager

SEAMLESS LEADERSHIP

Leading with vision and precision, Juan Carlos bridges teams, technologies, and ideas, turning complex challenges into innovative solutions that drive the success of EPIIC and shape the future of aviation



Technical Manager for Tecnobit, overseeing work packages including Operational Concept Analysis, Innovative Large Area Displays, Eyes-Out technologies, and Innovative Interaction Modalities.

Responsibilities:

- *Oversee the day-to-day work of the technical team.*
- *Coordinate with other Work Packages the different activities from a technical point of view.*
- *Search for and investigate possible solutions for each of the technologies.*
- *Elaborate technical documentation for the project.*
- *Maintain constant contact with stakeholders to try to overcome possible problems.*

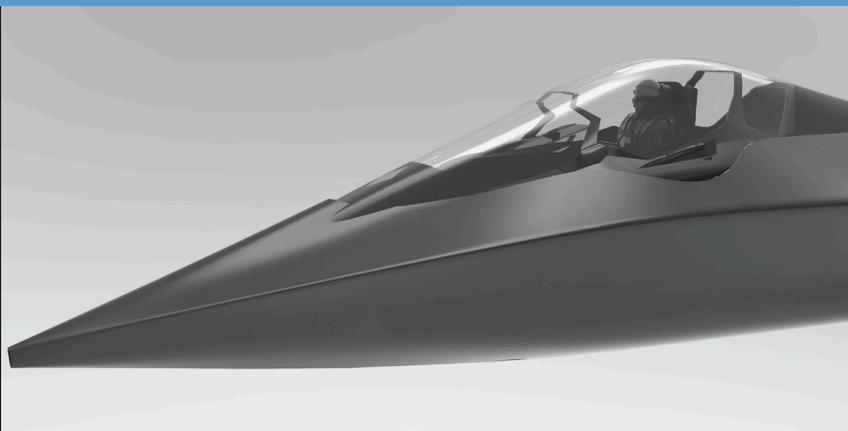
Contribution to EPIIC: Juan Carlos's combined expertise in project and systems engineering, along with his leadership in R&D, ensures seamless project management, advanced system integration, and innovative pilot interface development. His meticulous approach to technical documentation and testing strengthens the implementation and adoption of **EPIIC solutions, making his role vital to the project's success.**

Challenges, Triumphs, and the Thrill of Collaboration

Most Exciting Aspect: The incredible diversity of professionals and organizations involved. Juan Carlos finds it fascinating to see how different companies tackle complex problems and collaborate across borders.

Most Challenging Aspect: The sheer variety of technologies in the project presents a steep learning curve, as understanding each system requires dedicated effort.

Significant Milestone: Juan Carlos is proud of the team's ability to develop high-quality demonstrators across three different technologies, a true testament to their skill and collaboration.



Off-Duty Adventures and Quirky Secrets

Free Time: Juan Carlos enjoys playing football, exploring the outdoors, attempting to learn guitar, and cherishing moments with his girlfriend and **friends**.

Fun Fact: He has never been able to wink, a quirky motor skill that continues to elude him, much to his amusement (and slight frustration!).

Reflections on a Journey of Innovation

Juan Carlos reflects on his EPIIC experience with pride and gratitude. Working alongside his team and collaborators has been immensely rewarding. He is proud of the goals they've achieved and the positive impact they've made across the consortium.

