



# #2 PRESS RELEASE

## MOTIVATE XR Breaks the 'Content Bottleneck' in Aerospace: AI Now Generates Mixed Reality Training Content from Technical Manuals

**[Brussels, Belgium - 30 March 2026]** The EU-funded MOTIVATE XR consortium, in partnership with [Aerospace Valley](#), [Aerocampus Aquitaine](#), [CS GROUP](#), and [Sopra Steria](#), announces the successful launch of an AI-driven 'No-Code' pipeline that automatically transforms dense technical manuals into interactive XR training procedures. This breakthrough, achieved during pilot trials with Liebherr Aerospace, at CS GROUP and Aerocampus Aquitaine secured facilities, resolves the content bottleneck the industry is facing by integrating proprietary GraphRAG technology. This eliminates significant time of manual content creation costs and enables aerospace instructors to generate high-fidelity maintenance scenarios simulations for complex MRO (Maintenance, Repair, and Overhaul) tasks in a fraction of the time traditionally required.

### Overcoming the Content Bottleneck

The aerospace industry currently faces a qualified maintenance operators shortage exacerbated by the slow pace of training development, according to the Aviation Technician Education Council 2025 Pipeline Report. Historically, creating a single training module required months of manual coding from specialised developers, a process both too slow and too expensive to scale.



MOTIVATE XR **Pilot 1: Aerospace Industry** overcomes this barrier by enhancing CS GROUP's asset **Inscope VTS** with Sopra Steria's GraphRAG (Graph-based Retrieval-Augmented Generation) technology. By integrating 3D mock-ups, the system "reads" aircraft technical documentation and automatically populates a knowledge base interacting with Inscope VTS training content creation tool, moving the sector from bespoke software development to scalable, automated content creation.



Images Copyright © 2026 MOTIVATE XR Consortium

## Proven Results with Liebherr Aerospace

Real-world trials involving Aircraft air conditioning pack inspections demonstrated the platform's immediate impact. Using the **Inscope VTS** Experiencing tool, technicians performed complex Maintenance, Repair, and Overhaul (MRO) tasks with significantly higher precision. The Liebherr Aerospace pilot allowed to validate early developments and software use, paving the way for significant advances:

- **Accelerated Development:** Transitioning from six-month cycles to a "No-Code" workflow, allowing instructors to create content without specialised XR developers.
- **Improved Accuracy:** Enhancing training quality to deliver a measurable decrease in manual errors during complex inspections.
- **Increased Recruitment:** Leveraging engaging XR experiences to attract new talent and address the technicians' shortage.
- **Optimised Operations:** Reducing aircraft "on-ground" time by using off-wing simulations to prepare technicians before they touch the physical aircraft.

This launch marks the first of five strategic pillars in the MOTIVATE XR roadmap. By the end of May 2027, the project aims to prove that immersive technology is no longer a luxury for specialised teams, but soon a standard, scalable utility for any European industrial workforce.

## About MOTIVATE XR:

**MOTIVATE XR** is an EU-funded project dedicated to creating a world's leading XR collaborative authoring, publishing, and experiencing tool suite for training and assistance in industrial operations. By adopting a user-centred co-design methodology, MOTIVATE XR aims to democratise the creation and deployment of XR experiences, making them accessible to a wide range of users without programming skills.

## For media enquiries please contact:

Melissa Tang | F6S | Communication manager | [melissa@f6s.com](mailto:melissa@f6s.com)

Natalia Cardona | F6S | Project manager | [natalia@f6s.com](mailto:natalia@f6s.com)



Image Copyright © 2026 MOTIVATE XR Consortium

## MOTIVATE XR Partners:

The project brings together an impressive consortium of 17 partners from 7 different countries, ranging from research institutions, universities, universities to technological industry experts, all committed towards the same goal.



Funded by  
the European Union

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or European Commission. Neither the European Union nor the granting authority can be held responsible for them.



[motivatexr.eu](http://motivatexr.eu)



[info@motivatexr.eu](mailto:info@motivatexr.eu)

