

# Training and Simulation

Cutting-edge software  
solutions for  
high-engagement  
aviation training





# TRAINING AND SIMULATION

## We provide OEMs, simulator manufacturers and training organizations with advanced software solutions for the training of pilots, maintenance technicians and cabin crews.

If you need to deliver first-rate classroom and simulator-based training for complex missions, you can leverage our expertise in the latest training methodologies and the provision of innovative software solutions. Our team of specialized engineers enables you to design, build and operate state-of-the-art synthetic training devices, for fixed and rotary wing aircraft and for civilian and defense applications. As seasoned process and technology advisors we understand your challenges and are able to create tailor-made solution packages aligning advanced systems to your key value drivers.

Drawing on more than three decades of industry experience, we have an in-depth knowledge of the aviation industry, its educational requirements and regulatory constraints. A strong engineering background and our continuing investment in innovation enable us to always apply the latest, most advanced technologies.

Our first commitment is to finding the most effective solution for you to achieve your goals and to deliver the optimum training experience to your customers – contact us for a free consultation!

Mixed Reality  
Microsoft  
Partner



## End-to-end support from requirements to certification.

- Analyzing training needs, advising on the best methodologies to meet specific requirements (e.g. adaptive learning, precision teaching).
- Designing, developing and deploying the full range of systems for synthetic training solutions.
- Supplying training contents for pilots, maintenance operators and cabin crews, from multimedia-based CBT to the most sophisticated XR environments.
- Simulating aircraft dynamics and behavior and developing reliable and realistic representations of atmospheric phenomena
- Simulating and re-targeting avionic systems such as cockpit displays, flight management and automatic flight control systems.
- Providing dedicated services to support the qualification process as well as certification tools for automatic simulator testing and reporting.
- Providing support and services to design, build and certify full flight simulators, using proven methodologies and proprietary tools.
- Unique Pacelab WEAVR solution streamlines the production process from instructional design to final delivery.

## Tap into the vast experience of a leader in training and simulation services.

- Thousands of pilots, maintenance technicians and operators trained on systems built around our software.
- Proven track record of simulating different aircraft types, fixed and rotary wing, civil and military.
- Dozens of FFS certified up to Lev.D with our engineered software inside.
- Accredited Microsoft Mixed Reality Partner.

*“For many years TXT has been a trusted and highly knowledgeable partner in the software development for training systems that help customers to achieve the required level of safety and efficiency in the flight and maintenance operations of their helicopters.”*

Alberto Ceriotti

Former Head of Training and Helicopter Support Systems at AgustaWestland





# TXT E-SOLUTIONS

is an international, specialized provider of engineering software solutions supporting customers in **high-tech markets** in their mission and **business-critical core processes** and throughout their product lifecycles.

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