TXT | PACE

Future-Ready Aviation Training

Enhance proprietary training & simulation ecosystem with tailored software solutions

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Future-Ready Aviation Training

Training & Simulation at a glance

Key Numbers & Figures

10
Locations Worldwide

400+
Specialised engineers & professionals

25+
Years of Experience

Our Mission

"To be the partner of choice for OEMs, TDMs, and training organizations, providing first-class support and **advanced software solutions"**

What We Do

- We provide **highly specialized technologies and solutions** to support TDMs and OEMs during the development of complex simulations
- We develop a **specific solution** for each customer, starting from **assets consolidated over 25+ years of experience** and already used and tested by other big market players

Our Offering

Engineering Services

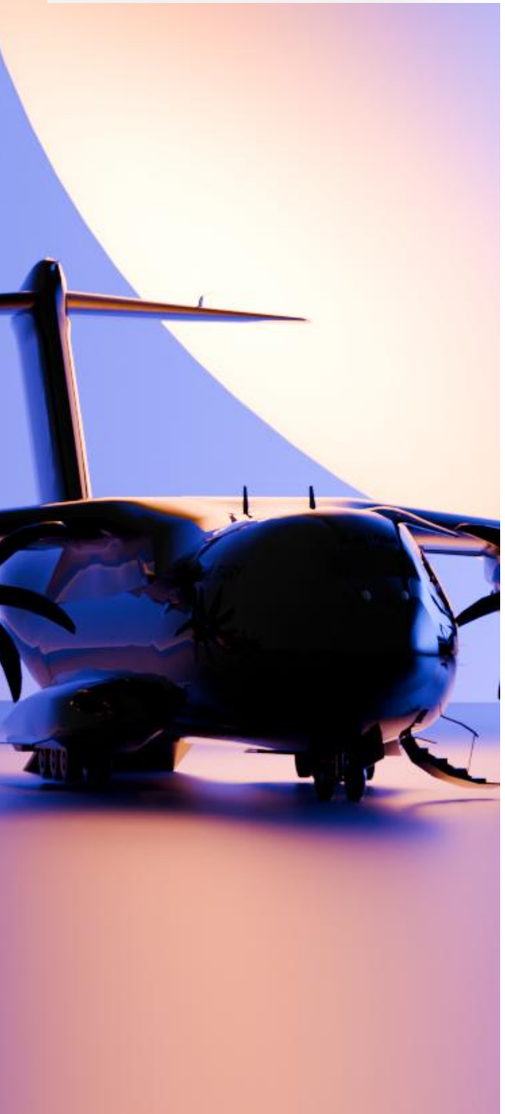
Custom Developments

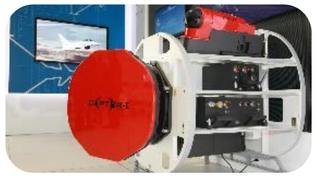
Simulation Assets

Software Products

Training & Simulation

Customer Base & Main Programmes





Aerospace OEMs

LEONARDO HELICOPTERS
PIAGGIO AEROSPACE
LEONARDO AIRCRAFT
AIRBUS DEFENCE & SPACE
LEONARDO ELECTRONICS
PILATUS
MBDA MISSILE SYSTEMS
ELTGROUP
DEUTSCHE AIRCRAFT
AUSTRIAN ARMY

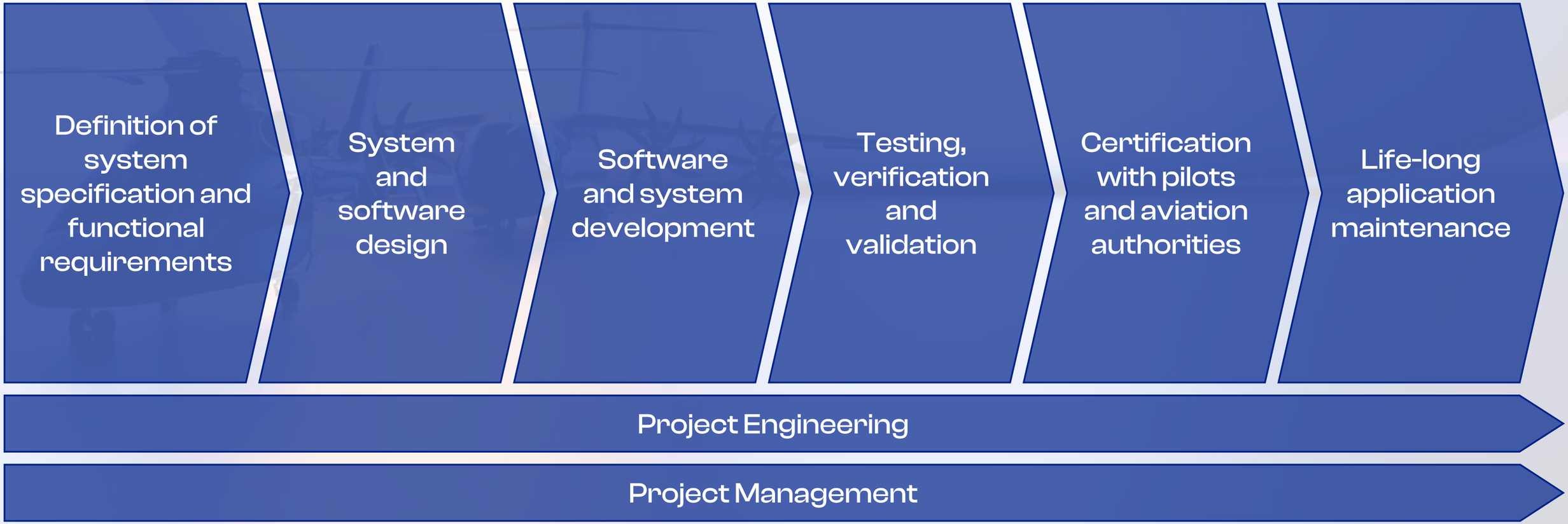
Simulator manufacturers

REISER SIMULATION • TRAINING
RST
ELITE ELITE SIMULATION SOLUTIONS
CAE
CNTECH
indra

Training centers

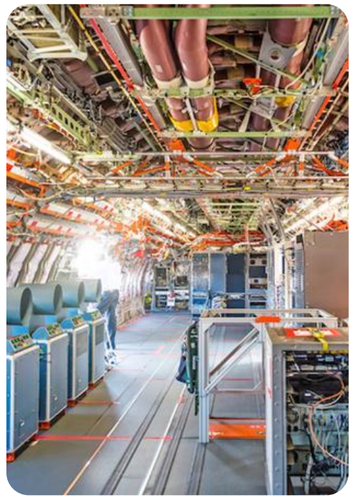
FINNAIR
AR Engineering
SCAC
Cockpit4u Teamwork in flight.

Deep Engineering Knowledge Across Simulation Device Lifecycle



Simulation Capabilities

Data Package

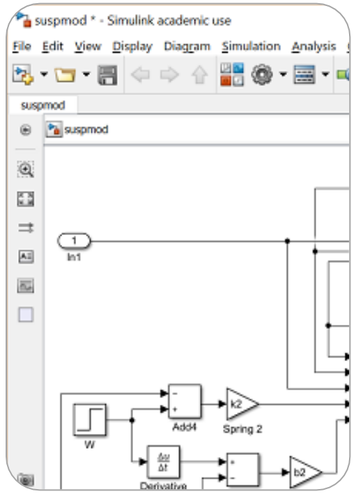


Test planning and execution, data gathering/analysis, data package preparation

Avionics, Displays & Panels

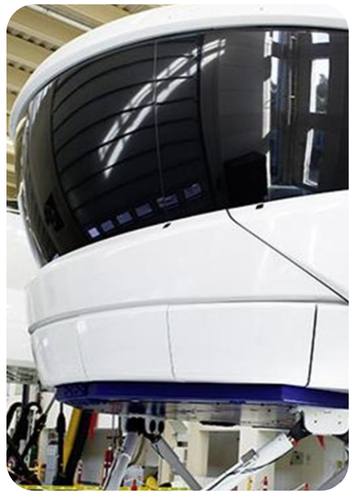
Rehosting, reverse engineering, simulation and integration of on-board computers, avionics modules, displays and panels

Modelling & Simulation



Modelling and simulation of system dynamics, on-board systems, sensors

System Integration



Integration of software modules, hardware components, real equipment

Virtual / Constructive Simulation

Integration and customisation of COTS CGF tools, distributed system integration with DIS/HLA protocols

Qualification Support

Support to flight simulators qualification up to FFS level D

Simulation Assets

TXT *SimScene* Suite

Ready-to-use, customisable, modular ecosystem designed to accelerate simulators development

Customisable dynamics model
Flight, ground vehicles and ship dynamics model

Wire
Real-time simulation framework

GlassVue
Generic display suite

Qontrol
Instructor Operating Station

Wave
Sound environment generator

Zephyr
Advanced atmospheric and turbulence model

SkyScape
Next-gen Image Generator

Fuze
Universal CIGI connector and data bridge

GeoForge AI
AI-powered terrain intelligence engine

FLAPS
Modular framework for on-board systems modelling

Simulation Products

Digital Technology Innovators

Commercial-Off-The-Shelf software solutions to enhance training content creation and delivery

Weavr for aviation

Extended Reality Training

InstructIQ

AI-based Training Analytics

ICARUS

UAV Mission Planning & Simulation

TXT | PROSIM

Commercial Aviation Training Solutions

What we can build together

Flight Simulators
Qualified professional pilot training devices, from procedural trainers (EASA FNPT/FAA BATD) up to FFS Level D, for fixed- and rotary-wing platforms, manned and unmanned, civil and military domain

Simulated Mission Scenarios
Real-time synthetic scenario and mission simulation both in military and civil environment, for mission-level training and mission planning purposes

Driving Simulators
Ground vehicles driving simulators, fixed-base and motion systems, for civil (airside driving simulators) and military (tank and armoured vehicles)

Digital Twin & Engineering Simulation
High-fidelity virtual replicas of real-world systems and real-time synchronization with operational data for engineering simulations, performance prediction and validation, operational scenarios simulation and monitoring

Part Task Trainers
Training devices for maintenance technicians, mission operators (hoist/rescue operations, rear crew mission training, radar/ESM/ECM crews) and cabin crews

XR Trainers
VR/MR/AR immersive training systems for pilots, mission operators, cabin crew and maintenance technicians based on TXT XR proprietary platform WEAVR

Thank You !

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