



Fighters Flight Simulators

Full cockpit with real, replicated or mixed aircraft manufacturer part kit.

Real / retargeted / rehosted / simulated solutions for avionics and instruments kit.

Data package analysis.

Advanced digital sounds & communications

Indra ATC Simulation for FFS.

Visual System

MIMETIC – Indra technology design for Display Systems (Direct Projection/ Collimated Systems/Rear Projection).

InVis3 visual image generator.

Global world visual data base integrating:

- Geospecific World terrain database with 16m satellite picture resolution and 64m Digital Elevation Model resolution.
- Specific airports, from Indra library or custom made.
- Any world runway supported by ARINC 424 format.

Tactical Environment / Networking

- INSE -Tactical Environment Simulation supporting the training in all tactical missions.
- CGF Computer Generated Forces, electronic warfare environment, sensor, navigation, communication, electronic warfare, and weapons.
- AIDA (Advanced Interface for Distributed Application), developed by Indra, to provide HLA/DIS connection capability to a System or application.

IOS

INIS complete Indra solution Suite including:

- IOS (Instructor Operating Station):
Intuitive and friendly user Human machine interface (HMI) / 2D and 3D maps.
- LPSG (Lesson Planner and Scenario Generator).

Support

- Warranty and post warranty maintenance service.
- Operation and maintenance courses and manuals.
- Simulator designed with maximum COTS hardware and standard interfaces for long term user-friendly maintenance.
- Indra worldwide support network.
- Availability above 99.5 %.
- Specific spares package.

Optional Systems

- Indra EXANA (Exercise Analysis Station) debriefing station.
- Indra INGRID database generation tool for Visual, Sensors Databases and Maps.
- Fully electrical 6 degree-of-freedom motion system.



30 years experience in
Simulation

Technological solutions
and services in 5
continents

Excellent record of tailor-
made simulators

Worldwide customers
amongst the most
demanding Civil Operators
and Armed Forces

Company Experience

- C-101 Operational Flight Trainer (OFT).
- F-18 Operational Flight & Tactics Trainers.
- EAV-8B Mission Simulator.
- C-101 Operational Flight Trainer (OFT).
- A-7P Mission Simulator.
- F-16 Mission Simulator.
- AV-8B+ Radar Intercept Trainer.
- AV-8B+ Italian Mission Simulator (IMS).
- FTD for KING AIR B200.
- Mirage F1 Simulator.
- A36, C-101 Simulator for Chilean Air Forces.
- F 5 Simulator.
- F-14D Tomcat Simulators Upgrade.
- AV-8B+ SRNAWST.
- Eurofighter Typhoon Asta.

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these specifications
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