

Air Traffic Management Products



Focusing on airport management segments, Oktal proposes a range of simulation products.



Air traffic control training

SCANSIM2 is a range of Air Traffic Control training simulators, designed with EGISAVIA and INEO. It is used in Initial Training or Skill Enhancement Training, and enables the user to address all aspects of Air Traffic, Control Tower, (2D/3D), approach, en route, radar....



Participation in installing a virtual sky via GAIA project

GAIA is a simulation interoperability platform in Air Traffic management. It enables different simulators (ATC, Flight, facilities...) to be brought together to create a virtual sky for training or research.

SimCA

Airport staff training

SimCA is a range of simulators dedicated to training airport staff. Driving airport vehicles in a real-time 3D virtual environment in their own airport : Tractors, refuelers, catering... boarding bridges.

ScanFLIGHT

Pilot training for ATC

SCANFLIGHT software is for integrating ATC functions in flight simulators (a requirement for obtaining the MPL licence). It enables pilots to be trained in their flight simulator with interactive ATC functions and without pseudo-pilots (CPDLC/Voice).

* www.scansim.com





➤ **SCANFLIGHT : Simulation software for training pilots in ATC**

SCANFLIGHT automatically integrates ATC functions in flight simulators during the training phase for pilots.



- Generation of air traffic integrating ATC and pilot communications (Voice and CPDLC)
- Setting up operational scenarios
- Environment coherence of the 3D environment between SCANFLIGHT and the flight simulator
- Insertion of air traffic in the flight simulator's visual display
- Generation of voice messages which take into account different accents
- Pilot / ATC (Control Pilot Data Link Communication) terminology

➤ **SimCA : A range of simulators for training airport staff to drive different vehicles**

SimCA is for learning to drive boarding bridges and airport vehicles in their own airport.



- Uses a generic and physical driving interface which reproduces the driving layout of controls and instruments of the different vehicles.
- Collision management for taking into account each vehicle's particularity and each airport.
- Coupling simulators to a Learning Management System (LMS SCORM), scoring tools, multi-lingual tool
- Connection possible between different simulators for immersing several actors in the same scenario for group exercises, respecting GAIA interoperability standards.
- Communication management with the control tower, the other vehicles and aircrafts.
- Automatic tool for reproducing specific airports and its vertical and horizontal runway and ground markings.

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