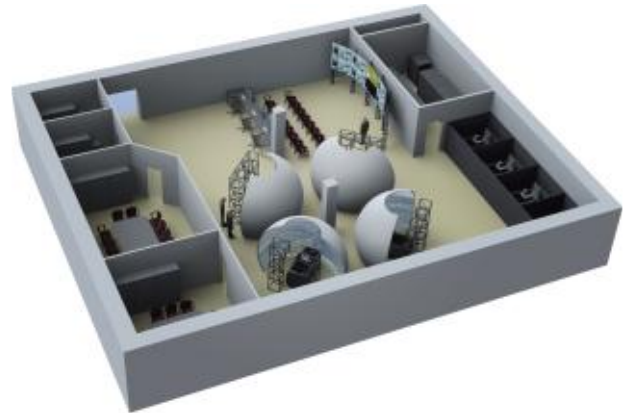


# Air Forces Training Solution

The purpose of Tactical Simulation Centre (TACSIS) is to provide Air Force with the general platform for simulated collective training of pilots, commanders and ground staff (mainly GCI and FAC).

TACSIC provides pilots and instructors with simulators and other tools necessary for effective planning, performing and evaluation of training tasks and allows training up to eight pilots and two GCI operators under the supervision of the instructor either altogether or in various separate groups.



## Training Focus

Training is focused on development of combat skills mainly in the areas of collective training of beyond visual range (BVR) and close air support (CAS) operations.

## Training options:

### Tactics training

- Basic BVR course – includes basic principles of BVR tactics and deployment of semi-active and active rockets from one versus one to four versus many situations.
- Advanced BVR course – includes advanced principles of BVR tactics and training of cooperation up to eight pilots in QRA, ROE and ATO training.
- DCA course – specialized course for training of defensive air operations under different conditions. Includes FAOR training, HVAA protection training and cooperation with allied GBAD.
- OCA course – specialized course for training of offensive air operations. Includes mainly COMAO, escort and sweep training.
- CAS and AI course – focused on training of tactics and procedures of air to surface operations mainly with support of FAC.



## Developed skills:

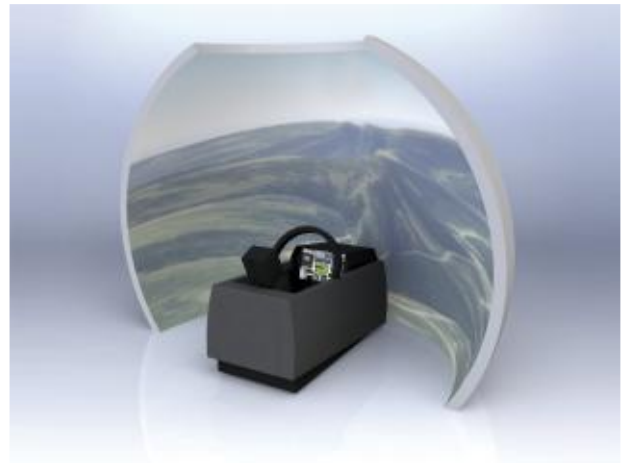
- practicing of collective flight procedures and operations
- practicing of the collective simulated combat operations
- utilization of the weapon systems
- control of the electronic warfare systems
- development of new tactic procedures



# Air Forces Training Solution

## Main advantages

- Modular, open and highly customizable architecture that allows tailoring the system in accordance with current and future needs of the air force
- Possibility to operate in classified and non-classified modes as necessary
- Highly customizable models of entities dynamics, sensors and AI behavior allowing studying and research of new ways of air fighting on user basis
- Reconfigurable pilot stations with possibility to switch between L-159 ALCA and JAS-39 Gripen cockpits layout (and possibly other aircraft in the future)



## Content:

- 4x reconfigurable tactical simulator with large visualization of „Part Task Trainer“ category
  - configuration for JAS-39
  - configuration for L-159
  - configuration for generic supersonic aircraft
- 4x reconfigurable tactical simulator with small visualization of „Part Task Trainer“ category
  - configuration for JAS-39
  - configuration for L-159
  - configuration for generic supersonic aircraft
- 2x simulator for GCI (ground combat interception) of „Desktop Simulator“ category
- 1x simulator for FAC (forward air controller) of „Desktop Simulator“ category
- 1x instructor operating station
- 1x after action review
- 2x briefing room
- terrain databases and 3D models
- communication system



## Capacity:

- 10 pilots
- 2 GCI controllers
- 1 FAC controller
- observers

