

eCoach **Airspace Planner**

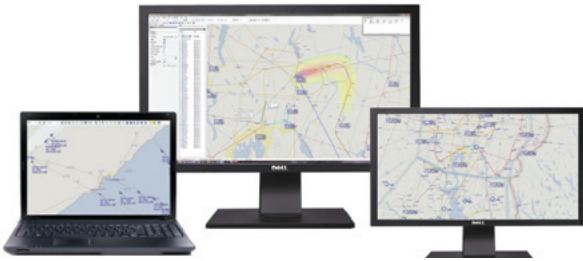
The **eCoach Airspace Planner** combines an ATC simulator with functions to design, test and evaluate airspace in one powerful tool. The tool provides real-time and fast-time simulations as well as probing functionality to evaluate various conditions. The optional noise module computes and visualizes the noise generated by arriving and departing aircrafts.

The software runs on laptops as well as workstations and can be used in the office environment. When giving presentations, connect the portable PC to a projector and run a simulation with the new air-space concepts for the audience. The eCoach Air-space Planner considerably improves efficiency, reduces cost and improves quality of work – all in one powerful tool!



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eCoach Airspace Planner



The **eCoach Airspace Planner** - an ATC simulator for design, test and evaluation of airspace:

- Contains advanced simulation capabilities, real-time, fast-time and probing
- Design, test and evaluate (SID, STAR, IAP, ATS routes etc.)
- Calculates fuel consumption and track miles
- Exercise voice- and data recording, playback and resume
- Uses BADA aircraft performance data
- Supports import and export of AIXM data procedure data
- Graphical presentation of aircraft profile and trajectory
- Contain tools to automate simulator behavior and response, e.g. graphic workflow can automate pilot commands
- Windows based HMI - intuitive and easy to learn and use
- HMI can be adapted to customer needs upon request
- The system can be delivered as a fully portable system
- The working positions may utilize a variety of displays e.g. 2k X 2k, HD displays etc.
- Safety nets: STCA, MSAW and APW
- Log of all flights containing flight plan information, route etc.
- Statistics containing sector load, frequency usage etc.
- Noise module for calculation and visualization of aircraft noise at ground level is optional