

BEST ATC RADAR

Micro Nav is the leading specialist producer of ATM simulators with an unbroken track record since 1988.

Micro Nav integrates and optimises the total solution to suit your ATC training requirements using the latest technology to deliver attractive performance at lower prices. Our systems are in use worldwide by the leading national civil and military authorities. ICAO, the UK CAA SRG and many other agencies have approved courses using our ATM training systems.



BEST

Our BEST ATC simulator system is a scalable solution that addresses all ATC training requirements. The flexibility of the BEST ATC simulator allows the user to design exercises that support differing levels of training from ab-initio through rating and validation, as well as conversion, refresher and TRUCE training.

BEST RADAR SYSTEMS COVER

- Radar and non-radar operations
- Approach and area control
- Civil and military ATC
- Military specialisations, including PAR
- Part task and basic skills training
- Rating, validation and OJT
- Conversion and refresher training
- Competency checking
- Training for emergencies and unusual situations (TRUCE)
- Design, testing and evaluation tasks
- Integrated Tower and RADAR control
- ADS-B and multilateration surveillance
- Data link capability (CPDLC)



KEY FEATURES

Below is a selection of features included in BEST. We are constantly updating our product features and currently have well over 100. If there is something you are looking for but do not see it here please contact us to discuss your requirements further.

CUSTOMISATION

- User customisation and choice of controller MMIs
- Flexible workstation configuration and role selection
- Commercial PCs and networking
- Adaptive, fast, pseudo-pilot interfaces

TECHNICAL

- High-fidelity model of the ATC environment
- Aircraft formations
- Detailed aircraft performance profiles
- High traffic loads with fast time performance
- Multiple, simultaneous exercises
- Powerful scripting tools reduce staffing and give easy simulation of special local procedures

PLANNING

- Flight plan library and traffic example groups
- Flight Data Processing (FDP) supporting intersector handover procedures, detection of RAM, CLAM, MSAW and MTCN alert events
- Electronic flight progress strips

COMMUNICATION

- Speech recognition and output with unique user customisation for accents, names and phrases
- Integrity of recording plus replay and resume
- Integrated audio communications and recording with synchronised playback

DATA FLEXIBILITY

- Full suite of data preparation programs with visualisation tools
- User data security controls
- Editing tools for graphical data
- Logging of changes made to the system configuration and simulation data
- No inherent software limits on data capacities
- User access to simulation relational database
- Facilities for ATC data conversion and import and current sector state indication

ADDITIONS

- Generation of electronic or hardcopy reports that detail all aspects of a user-selected exercise
- Modern OOD and modular architecture
- Annual and one time software licensing

CONFIGURABLE DISPLAYS

A wide choice of displays to meet different training needs, budgets, and space constraints;

- Classrooms with special self-teach, instructor and debrief facilities
- Simulated operations rooms with generic or emulated radar and information displays
- Choice of radar displays, including 2K x 2K,
- Stimulators driving operational radar workstations with Asterix, CPDLC, OLDI, AFTN and other data links

