

# BEST AIR DEFENCE

AIR BATTLE MANAGEMENT PART TASK TRAINER

## SIMULATOR TRAINING FOR AIR DEFENCE

The BEST Air Defence simulators provide comprehensive training for air defence. Training applications range from perfecting basic skills up to participation in multi-user combat scenarios. All key elements can be adapted by the user to utilise confidential data in order to achieve operational and experimental goals. The facilities include: semi-autonomous forces, customisable aircraft performance, various airborne radar and weapons systems and communications that comply with national reporting rules. The system can represent dynamic weather and can replicate tactical procedures.

All systems are supplied complete with: controller facilities, comprehensive instructor and pseudo-pilot tools, system management utilities and ongoing support services.

Our systems are in use worldwide with both civil and military authorities. The Air Defence Simulator enables military users to train for a wide range of missions within the Air Defence environment.

## BEST AIR DEFENCE SYSTEMS COVER

- Air Defence training
- Radar and non-radar operations
- Military specialisations, including close, loose and bulls eye control
- Classroom, part task and basic skills training
- Conversion and refresher training
- Design, testing and evaluation tasks



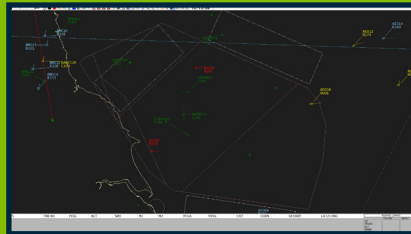
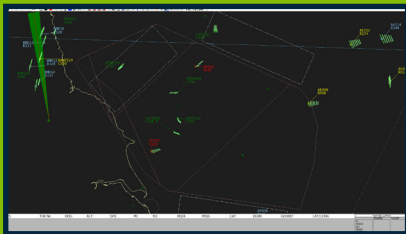
Royal Navy School of Fighter Control, Simulator Training room

# 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.

- In use with NATO countries
- Modern air defence displays
- Dynamic tote displays
- Multiple displays with user control of windows
- Use and control of secure data
- Selection of weapons and radar types
- Weapons performance and deployment
- Search and engagement procedures
- Standard reports of aircraft status
- Simulation of enemy forces, behaviours and reactions: avoid, engage and aggressive
- Formations flying
- Combat air patrols
- Advanced controller tools
- Fuel consumption and endurance modelling
- Simulation of operational communications
- Selection of aircraft mix in air forces
- Counter and counter-counter measures
- Standard national military phraseology
- Detailed aircraft performance profiles
- Powerful, fast pseudo-pilot facilities
- Scripting tools to reduce staffing levels and provide easy simulation of procedures
- User access to relational database
- Flight plan library and flight groups
- No software limits on data capacities
- High flight loads with fast time performance
- User customisation and choice of controller interfaces
- Integrity of recording plus replay and resume to live
- Integrated audio communications with recording and synchronised replay
- Speech recognition and output with user editors for real names, accents and phraseology
- Exercise circuit configuration and role selection with multiple simultaneous exercises
- Instructor teaching and debrief facilities
- Modern object oriented design and modular architecture
- Commercial PCs, Microsoft Windows operating systems and networking
- Fast email support and analysis of recordings
- Easy technology insertion and upgrades

## BEST AIR DEFENCE RADAR



## BEST SYSTEMS ARE CONFIGURABLE

- Classroom sessions using special self-teach, instructor and debrief facilities
- In full-scope simulated operations rooms with generic or emulated radar and information displays
- A choice of radar displays, including 2K x 2K, to meet different training needs, budgets and space constraints
- Stimulation of operational workstations
- Integration with other ATM & ATC radar and tower simulators



*Eurofighter Typhoon*