

# GBAD BISA

## Ground Based Air Defence Battlefield Information Systems Application

In association with: **BAE SYSTEMS**

### OVERVIEW

GBAD BISA is a system that enables the optimal siting, deployment and control of Ground Based Air Defence assets. It brings together all aspects of the GBAD battle including Command Posts, Sensors, Weapons and Reconnaissance and allows all other forces to be informed of the Air Defence situation.

GBAD BISA is a highly flexible and scalable system that can be deployed throughout the GBAD community, from weapon platforms through all levels of command. GBAD information can be made available to any who need it. Airspace control can be distributed rapidly and accurately to all affected Users, ensuring that friendly aircraft are protected while maximising the ability to engage hostiles.

GBAD BISA draws on a long pedigree of UK GBAD command and control systems and has been designed with extensive involvement by Army, Air Force and Marine Users. It was developed by BAE Systems Insyte as one of the first of a new generation of integrated digital applications to run on BOWMAN.

### BENEFITS

- Force multiplication by best use of scarce GBAD assets
- Reduces timescales and increases accuracy of GBAD planning and operations
- Increases GBAD effectiveness and coverage
- Weapon System independent and capable of controlling multiple weapon types simultaneously
- Prolongs effective life of GBAD weapon systems
- Intuitive user interface leading to a low training burden
- Compatible with many communication systems such as analogue or digital radios, GSM mobile and fixed telephone lines
- Runs on low cost commercial hardware
- Extensible system allowing easy adoption of future capabilities

### FEATURES

#### Formation Headquarters

- Controls the GBAD community
- Imports and distributes airspace control orders
- Distributes IFF codes
- Approve airspace control requests
- Provides air raid and GBAD information to nonspecific GBAD units



## Battery/Squadron/Troop

- Controls multiple fire groups
- Controls multiple fire units
- Exercises minute-by-minute control over fire units
- Immediate access to weapon status
- Fast issue of orders

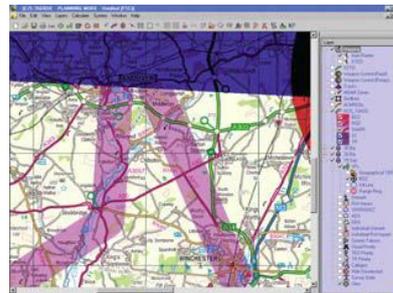
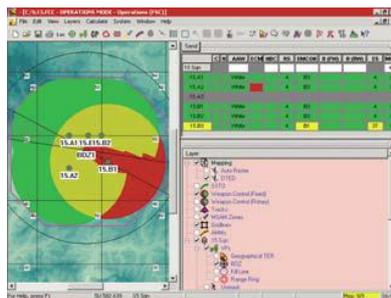


## Weapon Platform

- Provides immediate indication of weapon control status
- Immediate access to orders
- Fast status reporting
- Optional specific display for Airfield Defence
- Access to textual and graphical deployment orders



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For further details of GBAD BISA or to arrange a demonstration, please contact us at:  
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