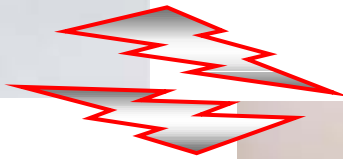


## British Army Attack Helicopter Demonstrates Digital Battlefield Capability

The British Army has successfully demonstrated the capability of an Apache attack helicopter to maintain real time digital communication with ground based mission planning systems.



Using an Improved Data Modem (IDM) integrated with a Ruggedised Mission Planning Station, battlefield commanders can 'see' information gathered by the Apache's sophisticated radar & electro optic sensors.



Army Commanders will benefit from having better

- J Intelligence gathering and Dissemination
- J Improved battlefield tactical awareness
- J Target prioritisation
- J In-flight re-planning/re-tasking



### Flexible Mission Planning Software

The powerful capabilities of Aerosystems' Mission Planning software were amply demonstrated by enhancing the baseline systems to include IDM message interpretation and interfacing.

In addition to the rich functionality already provided, the demonstration system adds the following capability:

Text messaging

Threat Assessment

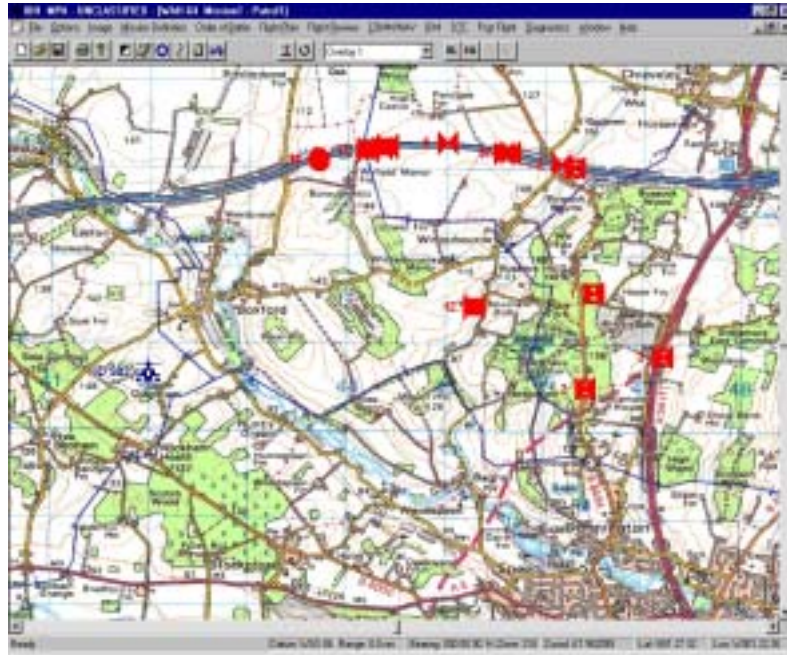
Real-time in flight tracking

Target prioritisation & re-assignment

## Demonstrated Capability

Live exercises have been conducted with IDM equipped Ground Station, TAC-GA (PRC-346) Tactical Radios and Attack Helicopters to demonstrate:-

- J **Free Text exchange**
- J **Fire Control Radar Target data overlaid on MPS Map Display.**
- J **MPS target selection/prioritisation transmission to the circuit**
- J **Aircraft Preset Position automatically reported to the Mission Planner.**



The demonstrations including hardware and software development were completed in 12 weeks. This was made possible by co-operation and outstanding teamwork between:-

- £ **Aerosystems International – Mission Planning Systems**
- £ **GKN Westland Helicopters – Integration Support**
- £ **CDC (Computing Devices) – PC-IDM**
- £ **DRS Rugged Systems – MPS Hardware Support**
- £ **British Army – HQ DAAvn**

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