



MIDS/Link 16 Refresher – Course Content

Duration - 1 day

This course is designed as refresher training for those personnel who already have a basic knowledge of MIDS Link 16 and require an update to this knowledge. It may also be utilised to provide a system overview to those who do not require the in depth information provided by the 2 ½ day introduction course. The syllabus below is designed to be flexible, and may be dynamically changed to suit the audience requirements.

- **Introduction:** History and requirement for MIDS Link 16, Definitions, Source documentation
- **System Architecture:** Time Division Multiple Access (TDMA), Time Slots, Recurrence Rate, Time Slot Allocation, Operating Frequencies, Packing, Message Numbering, Access Modes
- **MIDS Network:** Nets and Networks, Network Structure, Network Participation Groups (NPGs)
- **COMSEC:** Brief overview of Transmission and Message Security (TSEC and MSEC)
- **Synchronisation:** System Time Reference Network (STRN), External Time Reference Network (ETRN), Active and Passive Synchronisation
- **System Capabilities:** An overview of the major system capabilities and associated messages i.e. Surveillance, Weapons Control and Co-ordination, Electronic Warfare
- **Frequency Clearance Agreements (FCA):** Time Slot Duty Factor (TSDF), Interference Protection Factor (IPF), plus a synopsis of the current UK FCA
- **Network Design and Management:** An insight into the requirements of Network Design and the subsequent operational management