



Variable Message Format (VMF) Refresher – Course Content

Duration - 1 day

This course is designed as refresher training for those personnel who already have a basic knowledge of VMF 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 VMF, System Characteristics, Source documentation, VMF Users
- **System Architecture:** OSI 7 Layer Model, Ethernet Principles
- **MIL-STD-188-220 Operating Principles:** Frames, Types of Service, Network Access Control, Exchange Network Parameters
- **Header and Message Syntax:** A description of the methodology behind the construction of the message and application header
- **Header and Message Overview:** Description of the MIL-STD-2045-47001 Header and MIL-STD 6017A messages. Includes and overview of Unit Reference Numbers, plus Entity Reporting
- **Inter and Intranet procedures:** Explains the usage of these protocols to enable relay and also routing of information to participants external to a subnetwork
- **System Initialisation:** An overview of the parameters required to achieve system initialisation