

# Data Link Manager/Interface Control Officer (DLM/ICO) Training Course

## Datasheet

### About the Course

The Data Link Manager/Interface Control Officer (DLM/ICO) course is designed to provide working knowledge to personnel whose role is to plan, build, manage, interact, develop and engage in Multi-Tactical Data Link (TDL) Architectures and operations.

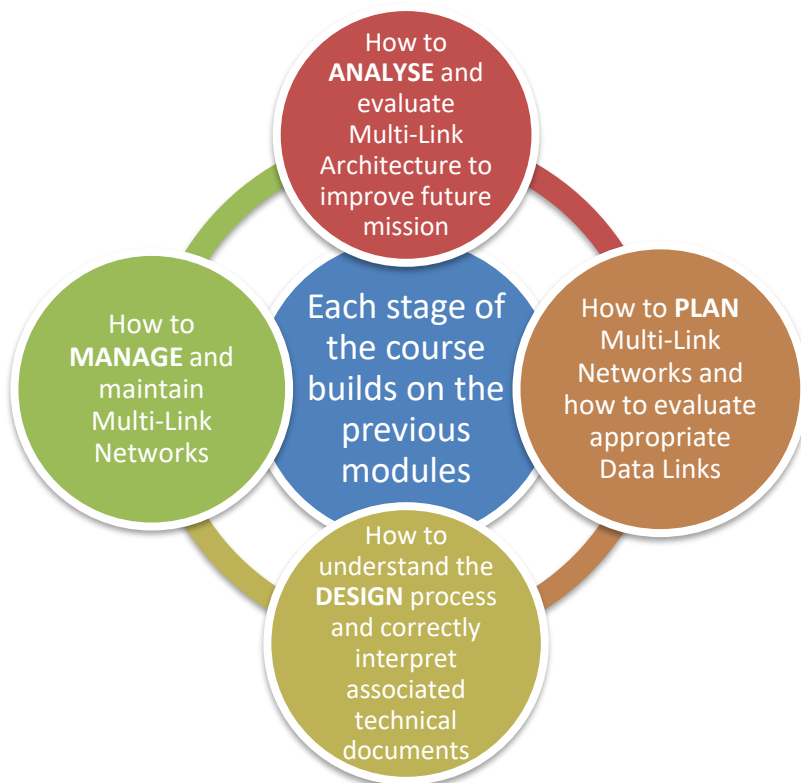
The DLM/ICO course is designed to catapult individuals with little or no knowledge of Tactical Data Links and associated responsibilities to a stage where they can successfully and efficiently carry out their duties.

The course provides students with a fundamental understanding of various TDLs then, using state of the art simulation tools, practically applies this knowledge to real world scenarios.

The DLM/ICO course is based on North Atlantic Treaty Organisation (NATO) & United States (US) documentation fused with instructor experience. The course relies on practical exercises and assignments which gives a working understanding of course concepts.

### What you will Learn

- Fundamentals of a Data Link Environment
- Details of various Data Links and how they work in isolation
- Multi-Link Architecture to improve future missions (see below)



### At a Glance

Link 1, 11, 16, 22 and Variable Message Format (VMF)

Joint Range Extension Application Protocol (JREAP)

Data Link Training Suite (DLTS) Exercises - creating Multi-TDL architecture

Understanding Data Link documents and operational signals

Network Management Responsibilities and resolution of data looping

### Who benefits

Data Link Management Cell (DLMC) personnel, station or squadron TDL personnel

Multi-TDL Network Designers

Multi-TDL Planners

Personnel involved with Multi-TDL Evaluation

Military Persons involved in TDL Procurements or TDL Sustainment

DATASHEET



### Course Tools

Delivered by our highly knowledgeable instructors, who have recent real-world operational experience, the DLM/ICO course fuses extensive knowledge together with a toolkit of practical simulation platforms, paper based learning and in-use systems to instil this knowledge.

These tools include Diginext Multi-Link Simulation System (TACTX), DLTS and Joint Range Extension (JRE) Software.



<b>Day 1-5</b>	Understand Link 1, 11, 16, 22, VMF and operational signals combined with the use of Data Link Training Suite (DLTS).
<b>Day 6-9</b>	Develop JREAP knowledge and construct a variety of JREAP links. Explore Multi-TDL planning concepts including information exchange requirements and capabilities and limitations of TDL platform.
<b>Day 10-11</b>	Discuss and evaluate Link 16 Network Design Documentation based on previous planning exercises.
<b>Day 12-14</b>	Create and maintain a Multi-TDL architecture utilising both DLTS and JRE based upon previous planning exercises and associated MIDS load files.
<b>Day 15</b>	Instruction on network analysis. Discussion of future programmes and enhancements to the TDL user.

### Course Format

- A 15-day course at an approved venue
- A combination of knowledge transfer, paper-based exercises and interactive simulations to enhance learning
- Students receive both electronic and hard copy of all training material
- Students receive DLM/ICO Handbook
- Accredited to ISO 9001, ensuring you receive quality controlled material
- 5% discount for Military ID card holders

### About SyntheSys

SyntheSys provides defence systems, training, systems and software engineering and technical management services over a spectrum of different industry sectors. Along with distinct support and consultancy services, our innovative product range makes us first choice provider for both large and small organisations. Established in 1988, the company focus is on fusing technical expertise with intuitive software applications to solve common industry challenges.

