

# Identification Friend or Foe (IFF)

## Course Syllabus Overview

### Duration - 1 day

The aim of the course is to provide students with a wide-ranging understanding of Identification Friend or Foe (IFF) and associated systems. To support how Modes 4 (IV), 5 (V) and S are exchanged via data links, the course has referenced both Allied Tactical Data Link Publications (ATDLPs) and United States (US) Military Standards (MIL-STDs) documentation.

This course is primarily aimed at those personnel who require a balanced understanding of IFF. As such, the syllabus has been designed to cover both technical and operational employment of IFF and its associated systems with focus on Modes 4 (IV), 5 (V) & S.

Training delegates receive unlimited access to the SyntheSys Defence Community Portal, which is designed to enhance and support the training experience. Delegates can access course information, download copies of course material, and also benefit from the other tools within the portal. For more information on the portal, [click here](#).

### Day 1

- Introduction to IFF
- Transponder Interrogation Modes
- IFF Equipment
- Mode S
- Mode S in Link 16
- Mode 5 (V)
- Mode 5 (V in Link 16)
- Traffic Collision Avoidance System (TCAS)
- Automatic Dependent Surveillance – Broadcast (ADS-B)

### 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.

