

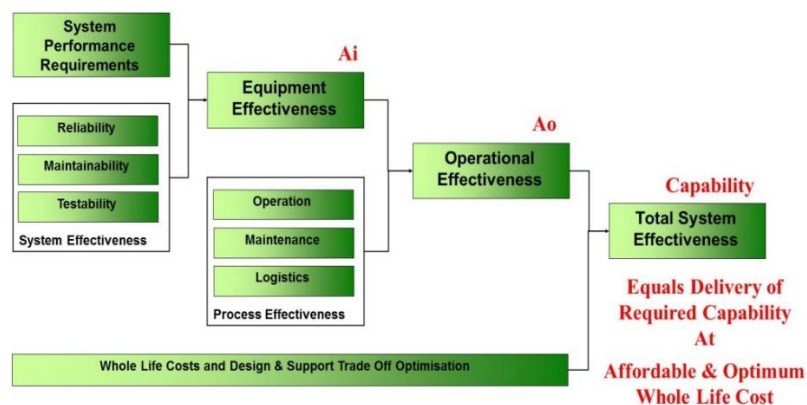


PRINCIPLES OF INTEGRATED LOGISTICS SUPPORT (ILS) & SUPPORTABILITY ANALYSIS (SA)

BRIEF INTRODUCTION AND OBJECTIVE OF THE COURSE

This session addresses the fundamentals of ILS and Supportability Engineering and provides a working understanding of the ILS disciplines involved in developing and delivering a coherent Support Solution for a project. It will give delegates a broad understanding of the complex topic of ILS and the associated topics of Logistic Support Analysis [LSA] and Reliability and Maintainability (R&M).

It comprises of two days of theoretical study followed by two days of practical workshops where delegates get the opportunity to put into practise many of the key areas and disciplines of support analysis in a realistic scenario.



The ILS Process & Outputs

COURSE CONTENT (Content List / topics of the course)

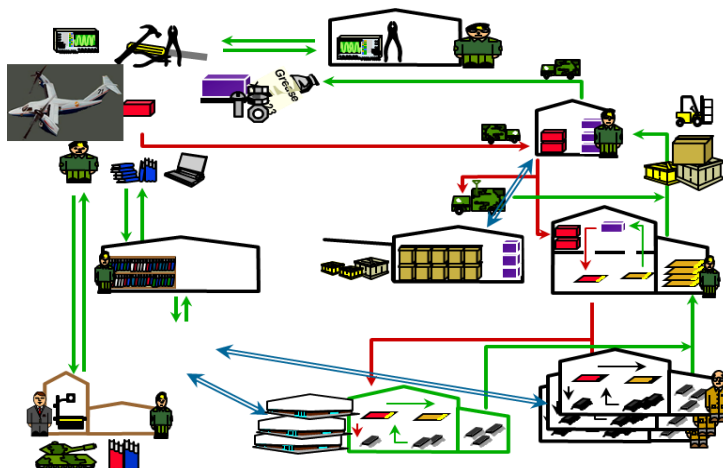
1. **Day One – ILS & SA Overview Part 1** –provides an introduction to the topics of ILS and SA
2. **Day Two – ILS & SA Overview Part 2** –Introduction into each of the ILS elements and disciplines
3. **Day Three – Concept of Maintenance Development** –A practical workshop session that provides an introduction into articulating a project’s concept for maintenance & support. It puts into practical application many of the key maintenance tasks addressed in the first two days of the course
4. **Day Four – Support Solution Development** – A practical workshop session that builds on the theory from days 1&2 and the maintenance workshop on day 3. It provides an introduction into developing and presenting a “system level support solution” through the medium of developing an In-Service System Support Plan (ISSSP). It addresses all of the support disciplines required to supply an effective support solution for the system being designed and delivered.

The course will provide an overview on all of the key ILS/Supportability Engineering elements including:

- ILS Programme Management
- Logistic Support Analysis (LSA)
- Maintenance Planning
- Supply Support Planning
- Obsolescence
- Manpower and Human Factors
- Whole Life Costs
- Support and Test Equipment (S&TE)
- Availability, Reliability, Maintainability and Testability (ARM&T)
- Facilities
- Training and Training Equipment



- Technical Documentation
- Packaging, Handling, Storage and Transportation (PHS&T)
- Software Support
- Logistic Information
- Disposal
- Practical sessions on developing a maintenance plan (a key driver in any support solution)
- Practical sessions on developing all of the other key elements of a support solution (as detailed in the listing above)



The Support System

WHO SHOULD ATTEND / WHO CAN ATTEND

ILS Managers	To manage support process
ILS Engineers	To develop Support Solution elements
Field Support Engineers	To better monitor and report on support issues
Product Support Managers	To better manage In-Service support and warranty
R&M Engineers	To facilitate better interfacing between R&M and Support Solution
Design Engineers	To understand how to influence design for more cost effective support
System Design Authority	To understand how system design influences support and vice-versa
Customer Procurement Staff	To understand how to contract for better support and how to measure successful delivery of support
Project Managers	To understand how to measure successful delivery of support deliverables & to manage processes
Production Line Maintainers	To understand how better planned maintenance will reduce downtime and improve both productivity and efficiency

INSTRUCTOR

The presenter will be Colin Butt, who is a founding director and part owner of Baclog Solutions Ltd. Colin has over 40 years' experience in the defence maintenance & support environment, having served for over 28 years in the British Army at all ranks up to Major. Subsequent to leaving the Armed Forces he has gained over 15 years' experience in the defence industry as an ILS trainer, consultant, Company Director and owner. He has delivered training, staff mentoring, ILS & SA consultancy and Supportability Analysis Process development facilitation worldwide for defence agencies and defence industry companies. He has worked with several companies in Turkey since 2005 and has a good understanding of the specifics of the Turkish defence industry and its relationship with the Turkish procurement department, the SSB.