



### Academic Qualifications

- Diploma of Project Management
- Associate Diploma of Aircraft Maintenance Engineering (Engines)
- Associate Diploma of Administration Studies

### Other Qualifications

- Certificate of Vocational Instruction
- Management Systems Auditing
- Software Acquisition Management
- Maintenance Requirements Determination
- MIL-STD-1388-2B, LSAR
- Maintenance Engineering Analysis
- Computer Based Training Courseware Development
- Instructional Technique Course

### Areas of Expertise

- Gas Turbine and related systems
- Reliability Availability Maintainability (RAM) Analysis
- Logistic Support Analysis (LSA)
- Logistic Support Analysis Record (LSAR)
- Failure Modes, Effects and Criticality Analysis (FMECA)
- Reliability Centred Maintenance (RCM)
- Project Management
- Bid Management and support
- Authoring of management plans and process documents
- Software design and development
- Data Migration and verification
- Business process design
- Maintenance Planning and Control

**NAME:** David Muscat

**ROLE:** Senior Consultant / Software Development Manager

**SECURITY CLEARANCE:** Negative Vetting Level 1

With over 30 years of experience within Defence and Defence Industry, Dave has developed a vast range of skills across the maintenance, logistic and project environments. He has been involved in two major surface ship projects (ANZAC and Project Protector) supporting the unique requirements of data management and specialist software development.

Dave is currently Project Executive overseeing the C-27J Logistic Support Analysis Record (LSAR) and Related Instructions for Continuing Airworthiness Task (RFQTS 8520) and C-27J Development of Independent Maintenance Inspections (IMIs) Task (RFQTS 9028).

Dave is also the LES Software Development Manager and is responsible for managing a small team of software engineers and the development of LES's range of unique Logistic Support Analysis applications. This area of responsibility also includes assessment and pre-conditioning of source data in preparation for the conversion and modification to meet ADF standards for project deliverables such as Weapon System Databases and Australian Defence Aviation Authorised Spares System (ADAASS).

When not engaged on projects, Dave is involved in business development, bid management and support, quote and proposal development. Dave is a guest lecturer on the DEF AUST 5692 Logistic Support Analysis Record training course delivered to both Defence and Defence Industry clients.

Previous consulting assignments have included a 18 month engagement (part time) to provide specialist support services for the conversion of data for the Omega Upgrade Project (DMO), design and development of an Engineering Change Management System for a Tracked Manoeuvre System Program Office, development and validation of the ARH Tiger ADAASS for Australian Aerospace, authoring of key ILS elements of the AIR 9000 tender response for Sikorsky.

Prior to joining LES, Dave was Logistic Engineering Manager with Scientific Management Associates (Victoria) (SMA) and provided consulting services to Penang Ship Corporation (PSC) and German Naval Group (Blohm and Voss (B+V)) as well as holding Project Manager and/or Logistic Engineering responsibilities on Projects such as Super Seasprite and Seahawk ESM Upgrade.