

## DATA LINK & DIGITAL COMMUNICATION SYSTEMS

Pacific Aerospace Consulting (PAC) can facilitate the acquisition, integration and management of Data Link (DL) and Digital Communication Systems (DCS). From specific expertise gained working on Foreign Military Sales (FMS) Cases and with the United States Department of Defense (US DoD) the types of services that you may require include (but are not limited to):

### 1. Program Management

From the perspective of your National entity, not the US DoD and can include:

- > Schedule development and management
- > Assistance with National Security Agency and International Program Office approvals
- > FMS Case Funds Management and accountability - ensuring FMS funds are allocated and expended appropriately
- > Draft financial submission justifications in your national format
- > Coordination and tracking of deliverables
- > Coordination of quarterly Technical Coordination Meeting and Program Management Reviews
- > Draft Statement of Work (SOW) and Letters of Offer and Acceptance (LOAs) for FMS Cases when required

### 2. Requirements Development and Interoperability

Each country has unique data link and support infrastructure interoperability requirements. These need to be clearly defined and communicated. Services that may be required to ensure this occurs include:

- > Infrastructure analysis and requirements definition
- > Integration with other Data Link and Digital Communication Systems
- > Ground Support Equipment analysis and recommendation
- > Development of Requirements Traceability
- > iSMART Process and eSMART Toolset use for achieving interoperability

### 3. Test and Evaluation

PAC understands the need for Test and Evaluation (T&E) of Data Link products. This testing ensures unique and critical requirements are efficiently and effectively incorporated into your system. Some of the services that can be provided include:

- > T&E plans
- > Acceptance Test Plans
- > Participation in T&E processes
- > Other test support tools

### 4. Standard Operating Procedures for In Service Operations

Once the Data Link System is ready to be released there are a number of integration areas that need to be developed and implemented including:

- > Software configuration management
- > Hardware configuration Management
- > Compliance procedures with NATO Interoperability Standards
- > Network Design requirements
- > Frequency and Airspace de-confliction procedures and approvals
- > Deployment plans

### 5. Ground Support and Secondary Data Link Systems

PAC can provide the analysis of alternatives and acquisition support for complimentary systems that may be needed to help maintain, troubleshoot, operate and train with your current Data Link solution including:

- > Diagnostic software
- > Network planning tools
- > Package generation tools