



Earned Value Management for a Major Equipment Programme

A Prime Contractor and the MoD were transitioning from the Assessment Phase of a major equipment programme to the Design and Manufacture Phase. For the Prime to meet the challenging timescales, it was essential the Programme Management team 'hit the ground running'. As an established strategic supplier, Harmonic was asked to provide key resource and expertise into this team.

The MoD was mandating the use of an ANSI/EIA 748 compliant EVM, the Prime was moving to standardise EVM across the organisation.

Harmonic worked alongside the client to establish the EVM system and launch the design, development and manufacture of key sub-systems.

We also worked in the standardisation team to create the organisation-wide Integrated Project Management System Description; a set of processes and procedures for the operation and maintenance of a harmonised EVM System.

Use of experienced Harmonic staff was essential to the momentum required at the start of the Programme. We established:

- Programme Management Roles and Organisational Breakdown Structure
- Work Breakdown Structure and Responsibility Assignment Matrix
- Programme Management Baseline
- Reporting requirements
- Documentation templates and guidelines
- Effective tools for the analysis of project EVM data

Harmonic also supported the baseline review process, assisted in the establishment of Programme Specific Instructions and maintained the Performance Measurement Baseline.

As part of the over-arching agreement Harmonic entered into key skills transfer activities, so that the client's staff benefited from the relationship.

The Result

- The immediate establishment of an experienced team who understood industry EVM 'best practice'
- The mobilisation of a skilled delivery team, across a broad spectrum of sub-systems - Mission Avionics, Aircraft Avionics and Aircraft Structures
- Synergy obtained from across the organisation via the standardisation team
- A stable EVM system was established as required