



“In today’s complex engineering world success is enhanced through the application of best practice Systems Engineering discipline”

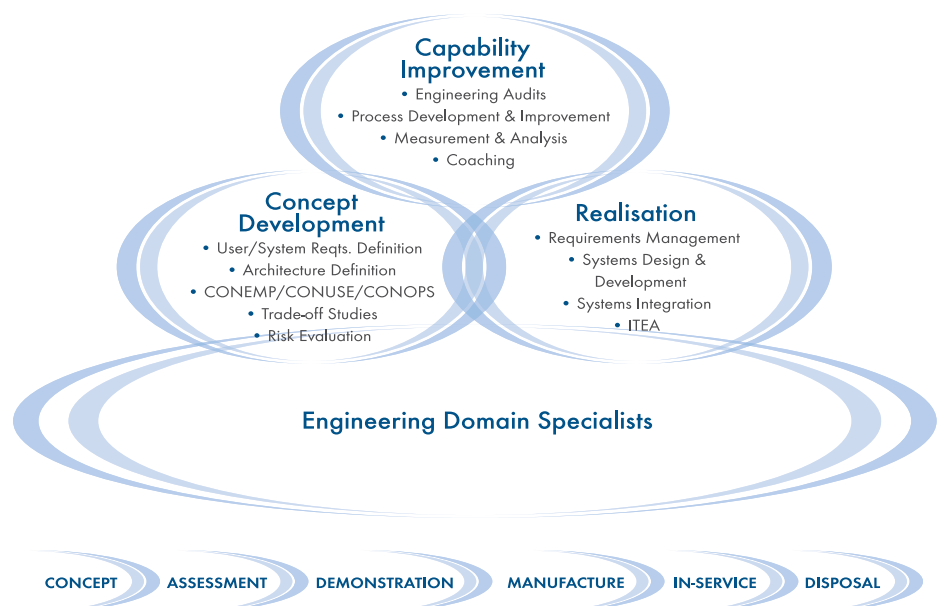
Systems Engineering

Harmonic’s Systems Engineering Services are built on a rigorous approach supported by the delivery of domain and systems application knowledge.

We work with clients to improve their systems engineering processes and procedures and to implement best practice across technical delivery programmes.

Our expertise spans the entire programme lifecycle from concept development, systems development and customer acceptance including capability management through life. Our engineering domain specialists are experienced across airborne, maritime, land, security and counter terrorism systems.

Harmonic provides its services aligned to the complexity of the systems engineering landscape



Our Approach

We offer a service based approach which can range from the augmentation of customer teams to taking full responsibility for defined deliverables helping clients build confidence in the delivery of programmes.

Our services provide flexible coverage of the capability gaps in systems engineering by:-

- Levelling out manpower loading
- Supporting areas of skill shortage
- Adjusting skills mix to meet demand

They also reduce management overheads through:-

- Taking responsibility for defined deliverables and sharing risk
- Providing self managed teams rather than groups of individual contractors
- Focusing on schedule and deliverables

Wherever possible we leave residual value with an up-skilled customer team

Why Harmonic?

- We have experience in all aspects of systems engineering across the programme lifecycle
- We understand the UK defence acquisition processes and procedures and the role that systems engineering plays
- We support complex technology based programmes
- We play a major role in the direction of systems engineering practice through our involvement with INCOSE
- We have ready access to top quality engineering specialists
- We are accustomed to driving change across MoD and Industry
- We are an independent and impartial service provider

Case Histories

Systems Engineering Processes - Harmonic provided expertise to develop the systems engineering processes for the definition and delivery of modifications to aircraft in a partnering environment

Through Life Technology Management - Harmonic developed the Through Life Technology Management Plan for a set of Land Equipments which brought together existing, evolving and future technology

Systems of Systems Engineering Plan - Harmonic developed the Systems of Systems Engineering Plan to bring together systems engineering activity across a diversity of land equipments programmes

For more information about how Harmonic can assist across the programme lifecycle contact: Harmonic Limited, The Hatchery, Eaglewood Park, Ilminster, Somerset TA19 9DQ Tel: 01460 256500 Email: enquiries@harmonicltd.co.uk www.harmonicltd.co.uk

