



# Engineering Management

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## Introduction

We work across the engineering lifecycle to rapidly develop, deliver, integrate and support solutions to maximise the availability and capability of maritime assets.

Our comprehensive design engineering and technical service capabilities, from concept to disposal, ensure longterm capability sustainment, including data management and configuration control. Providing strategic cross-portfolio obsolescence management helps to identify risks and implement design changes before asset availability is affected.



### Digital engineering

In the era of digitally enabled modern ships, we provide capabilities that deliver information to operators, maintainers, support staff and industry to allow for better informed decision making.

By capturing and analysing real-world asset data, we enhance engineering knowledge, to support the adoption of asset management and maintenance regimes that increase availability, reduce operational and support costs, and enhance mission effectiveness.



### Engineering services

We work with UK MOD and the defence industry to provide a tailored engineering design and implementation service.

The team provides through-life engineering services and solutions for innovations, upgrades and modifications required to naval ships and defence assets. We identify and categorise risk, and work closely with the customer on the design requirements, facilitating the installation in order to rapidly enhance capability of navy vessels through upgrades and modifications.

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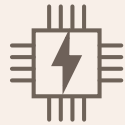


## Obsolescence management

We empower customers to confidently build, operate, and sustain their assets with end-to-end obsolescence management services.

From immediate issue resolution to long-term strategies, our in-house tools reveal the broader programme impacts of obsolescence, enabling smarter prioritisation of funding and resources. This drives higher operational readiness, reduced risk, and lower costs.

Whether supporting large-scale build programmes, complex in-service assets, or individual systems, we deliver value across every stage of the engineering lifecycle.



## Electrical hardware

We specialise in designing, developing, manufacturing and qualifying bespoke electrical and mechanical hardware solutions.

Our services include designing, customising and integrating complex ruggedised cabinets tailored for the surface and sub-surface defence industry.

We also have extensive expertise in electrical power distribution systems and hardware, enabling us to deliver comprehensive, turn-key marine electrical distribution system solutions and upgrades.



## Supportability engineering

We play a key role in influencing the design of naval platforms and equipment, and developing the right support solution to ensure systems and products are maintainable, repairable, sustainable and cost-effective to operate through life. We identify and mitigate key cost drivers, optimising in-service support and enhancing overall performance and availability.

Our proactive approach to maintenance includes developing and executing preventative and corrective strategies, ensuring equipment and systems remain operational and efficient. Our integrated services cover the creation and management of technical information, configuration, and inventory data. As a trusted industry partner, we drive transformation and innovation in supportability engineering.



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