



Summary Sheet

Smart Asset Management

Informed by trusted data, founded on expert skills and judgement

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At BAE Systems our platform and maritime knowledge, data science and analytics expertise coupled with our engineering delivery know-how allows us to provide an agile and innovative, smart asset management service to optimise military ship availability and maximise operational effectiveness.

Our services help to inform future requirements, provide trusted decision support and timely material state awareness to optimise condition based maintenance and the provision of continuous engineering and deployed support - improving ship performance, reliability and availability.

Using our suite of commercially tailored, off-the-shelf and bespoke tools we are able to provide a fully integrated smart asset management service, including:

Fleet management

Planning, monitoring and control of fleet and class resource requirements and outcomes to deliver through-life management, to optimise critical capabilities, and provide high availability, reliability and efficiency.

Engineering management

The provision of technical services required to sustain class capability and availability, maintain the design baseline, meet safety and environmental goals and integrate complex capability upgrade.

Facilities management

The provision of end-to-end global supply chain services required to sustain class capability and availability to military ships, as well as managing and supporting military bases and infrastructure.

Ship management

Proactive management of platform material state, involving planning, oversight and direction of all work, on a ship-by-ship basis, including extensive refits, major conversions and life extension programmes, required to meet customer operating goals.

Equipment management

Planning, executing, co-ordinating, monitoring and reporting activities required to sustain the equipment operating profile, delivered through our extensive international network of approved and assured suppliers.

Digital engineering

Combining remote equipment monitoring systems, advanced data science techniques and engineering and platform knowledge, to support the adoption of asset management and maintenance regimes that increase availability, reduce operational and support costs, and enhance mission effectiveness.

Key Benefits

Through these capabilities, we provide the technology and services to:

- **Proactive through-life warship management**
Delivery of highly capable and available assets to meet customer demands, inform future requirements and provide trusted decision support. Achievement of a 'Total Availability' operating profile without the need for traditional, long and deep maintenance periods (Upkeeps).
- **Agile and reactive support of current military tasking**
Clarion focus on current operations and prosecution of emergent defects and changing support needs. Close customer working to modify the support programme in response to evolving military tasking.
- **Commercially-benchmarked, military-bespoke support**
Innate comprehension and handling of the immutable differences between commercial and military support whilst also demonstrating commercial best-practice wherever possible.
- **Close collaboration with multi-agency customers**
Knowledgeable collaboration across customer boundaries to resolve complex, multi-axis military support requirements.
- **Rapid integration of complex combat systems into military vessels**
End-to-end oversight of complex capability upgrade projects. Proactive management of the processes and agencies needed to achieve rapid and high quality upgrades.
- **Right-place-right-time logistics**
Proactive demand planning based on trusted evidence to allow forward-looking customer choice on stores purchase and provision. Best use of civilian and military supply chains, and BAE Systems global partner network, to ensure stores are there when their needed, anywhere in the world.
- **Cost effective support to meet customer budget**
Ingrained respect for Defence Ministry funding means tight control of budgets, sound financial planning, challenging suppliers on cost, and demonstrating value in all aspects of warship support.
- **Minimised support loading on military personnel**
Recognising that military personnel are often a shortage resource, BAE Systems operates an efficient support service which minimises the impact on front-line military personnel and offers customer choice for alternative support mechanism.
- **Local industrialisation (social value)**
Investing in local industry, creating new employment opportunities through sustained knowledge transfer to benefit local communities. And, with our network of partners, we work ethically and responsibly to meet climate change and environmental targets.

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