

Global data-driven capabilities

# Warship support

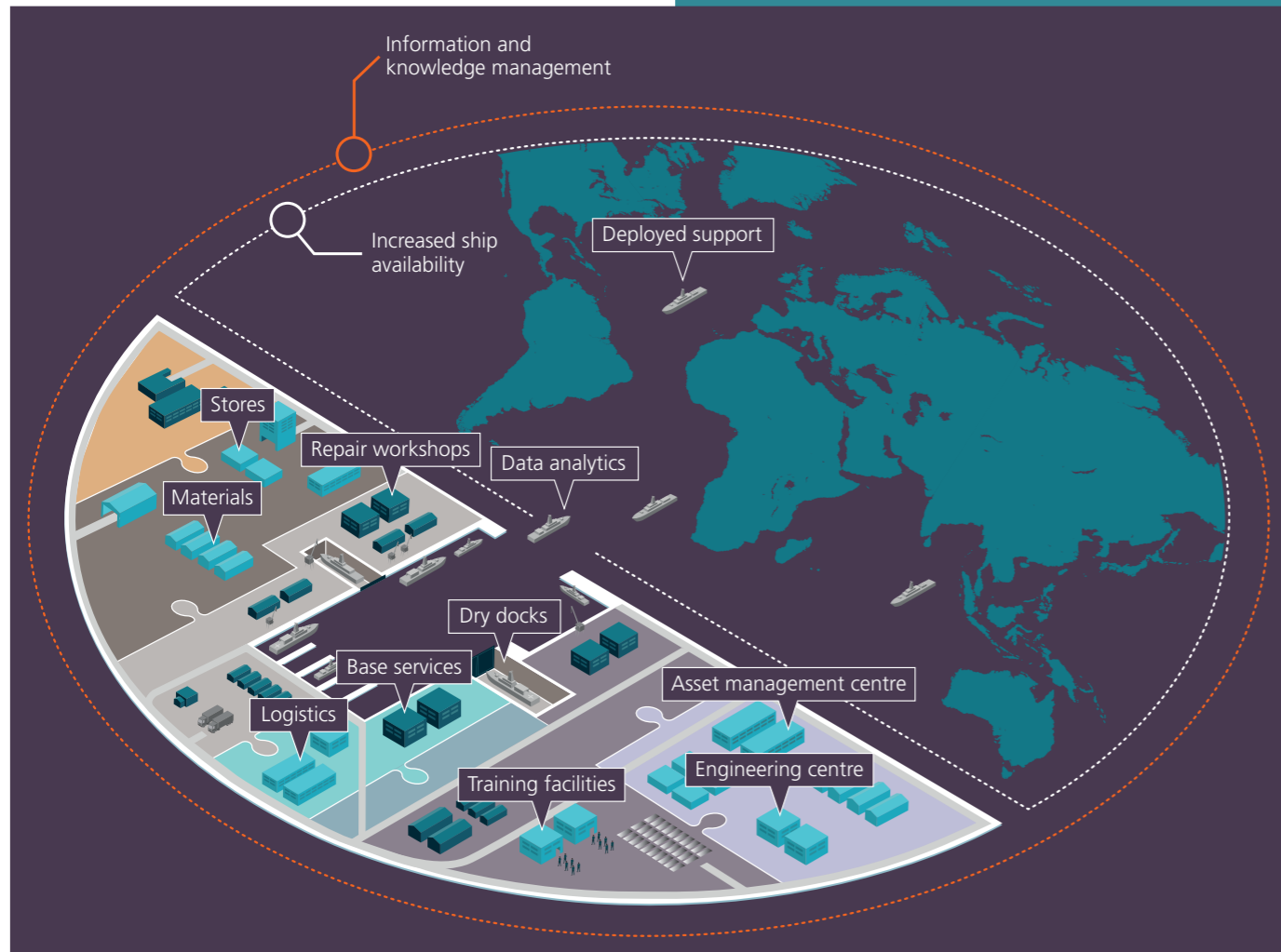
Advantage where it counts

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# Global data-driven asset management and support

At BAE Systems we design, build, commission, repair and support a full range of complex ships, from offshore patrol vessels through to aircraft carriers, giving our customers the capability to meet their national and global commitments.



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Our expert teams have the skills and capabilities to support ships and the complex equipment on board, wherever and whenever required, throughout the life of the vessels, across the globe.

The solutions we provide are agile, innovative and cost effective, incorporating the latest digitally-driven technologies to optimise and assure ship availability.

And with consultancy and technology company Techmodal now on board, our data and analytics capabilities are more advanced and agile than ever before.

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# Asset management

Our future focus builds on our proven and trusted world-class expertise

Our customers know they can rely on us for global delivery, support and collaboration.

We have decades of experience supporting the UK Royal Navy at home and abroad.

With highly experienced and skilled teams, we are both agile and cost effective.

Advanced data analytics, prognostic health management and assured inventory management help ensure timely, effective and fully integrated support anywhere in the world.

From complex upgrades to planned maintenance and emergency repairs, we deliver at pace to keep your ships fully operational at sea.



# Equipment management



## Keeping your fleet fully operational at sea

Advanced analytics help ensure optimum ship availability, capability and sustainability through life.

With an extensive global network of approved and assured suppliers, we support navies around the world so vessels are available when and where they are needed.

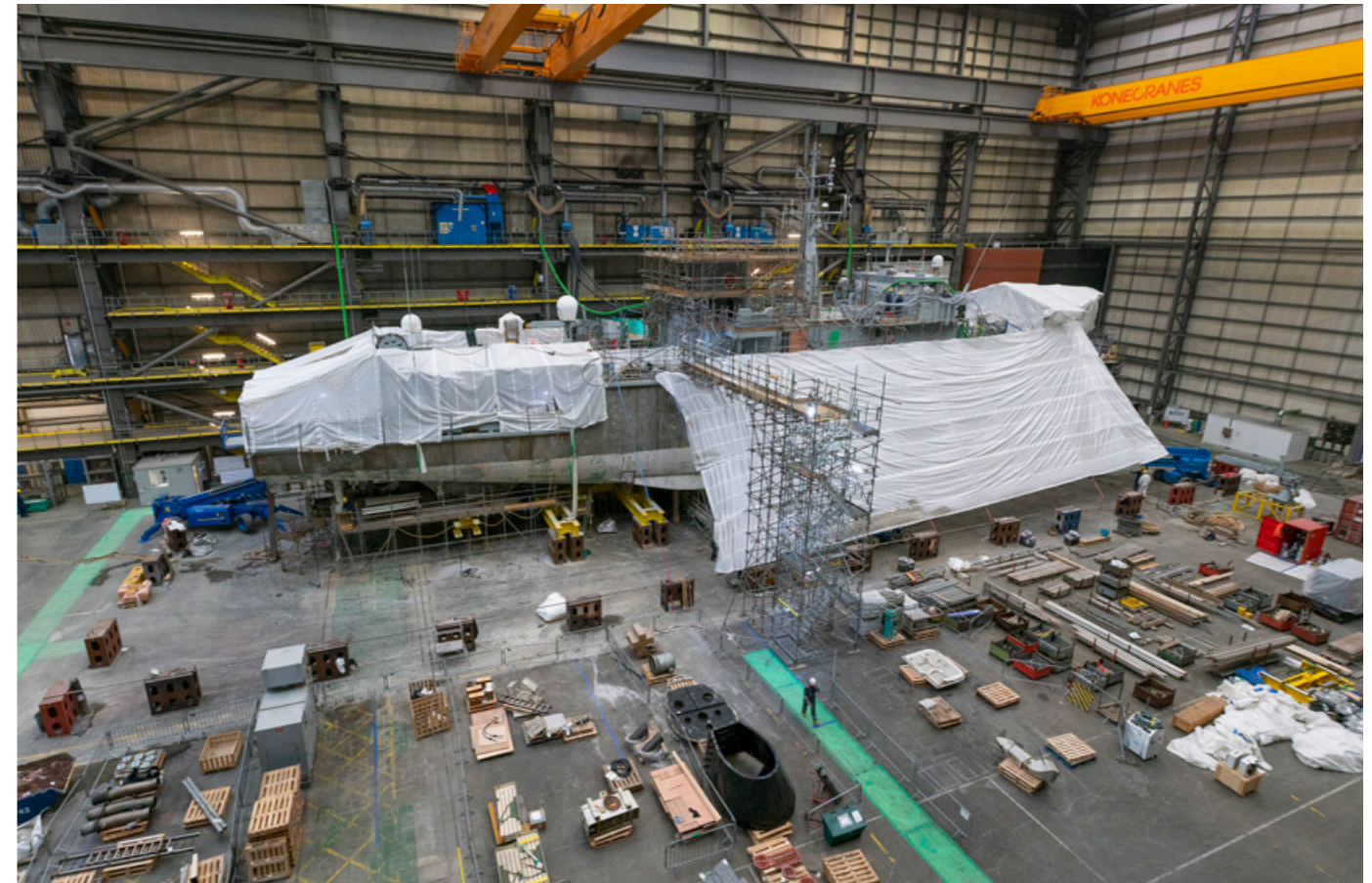
Skilled in providing proven and trusted innovative equipment management solutions, we have the resources, skills and experience to advise on and implement the most effective programmes for you.

We provide technical advice to operators and maintainers of power, propulsion, auxiliary and combat systems, as well as supplying technical publications, drawing and associated documentation.

Our expert workforce of engineers, designers, supply chain professionals and project managers use innovative data analytics and prognostic health management technology to deliver through life support.

And we offer fully integrated design and implementation of upgrades, refits and life extension programmes.

Advanced analytics help ensure optimum ship availability, capability and sustainability through life.



## Ship repair

### World class support delivering long term sustainable value

We deliver a complete ship repair service, which is fully integrated and data managed.

Our work is high quality and fully validated to meet and exceed specific capability requirements, with a comprehensive range of trials, from shore to sea, which are quality, supplier and safety assured.

We have a proven track record of delivering deep maintenance periods for multiple ship classes, enhancing performance, supportability and operational effectiveness.

We also excel in life extension and conversion programmes, proactively managing obsolescence and sustaining optimum levels of performance, capability and sustainability.

And we are skilled in providing supporting engineering services including calibration of gauges, sensors and tooling, the use of radioactive isotopes for welding and structural services and ultrasonic and laser mapping.



# Proudly supporting the UK Royal Navy at Portsmouth Naval Base

We are able to deliver the total management and support of complex infrastructures worldwide. Here are just a few examples of what we do at Portsmouth Naval Base in the UK.



Advanced data analytics for assured ship availability and enhanced performance.

Energy services, reducing emissions and costs, and helping achieve your net carbon zero ambitions.



Through-life engineering services delivering long-term sustainable value to the UK Royal Navy's complex warships and the advanced equipment on board.



Collaborating to deliver deployed support globally through a trusted and assured industry and supplier network.

Innovating and investing to enable the UK Royal Navy to adopt future technologies at pace.



# Data and digital services

Advanced data science delivering significant return on investment for the UK Royal Navy

Our data and digital services help to solve complex data problems for our defence clients.

Working with the Royal Navy, we have demonstrated how our platform knowledge, data science and analytics expertise coupled with our engineering know-how provides a high-value service to deliver operational efficiencies.



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

# Design services

Expertise where it counts

From concept and preliminary designs to safety and environmental management, we provide innovative and effective engineering support through life.

Our comprehensive services include technical and logistical analysis for optimum in-service performance, proactive asset maintenance, crewing, configuration and training.

We are skilled in the selection and integration of complex equipment and systems, with advanced calculations via laser scanning, 2D and 3D modelling and CAD support.

And we have proven expertise in highly complex product safety, security and environmental management.



## Total management and support of complex infrastructures worldwide

We have a proud heritage of collaboration in the management and support of military bases and other complex infrastructures worldwide.

Boosting prosperity through local supply chains and working closely with governments and industry, we deliver cyber secure, safe and sustainable solutions.

With global expertise in energy systems, carbon neutral technologies and renewable options, we offer consultancy services in the design, delivery and maintenance of sustainable programmes for large military, energy and industrial estates.

Our advanced data analytics and world-class engineering enable high performance asset management and the safe and cost-effective design and delivery of complex and high value multi-faceted operations.

# Base services



## All our products and capabilities are backed by expert training services

We exploit technology as an enabler across the full spectrum of need, extracting all of its value to help deliver comprehensive, integrated and optimised training solutions, as well as continuously improving and modernising those solutions to enhance their effectiveness.



## Enhancing military capability, mitigating operational risk

BAE Systems has a rich heritage in the delivery of maritime training services to the Royal Navy and her international allies. Exploiting our comprehensive experience in the design, manufacture and support of complex platforms, torpedoes, radars and command and combat systems, we are uniquely positioned to offer training services that best complement these wider engineering services.

Through a collaborative approach with government, military, industry and the supply chain, we design, specify, deliver, integrate and maintain training solutions to ensure military personnel are capable and ready for maritime operations.

Our comprehensive approach embraces all of the manpower, equipment, training and support pillars. This enables us to realise and exploit the wider benefits across integrated programme schedules. These benefits include reduced programme risk, enhanced long-term value for money, coherency and support through-life.



Find out about our career opportunities and award-winning apprentice and graduate programmes



## Culture that inspires, work where it counts

From complex engineering projects to world-class cyber security solutions, everyone at BAE Systems play a part in helping our customer protect what matters most.

To attract and retain the best and brightest people, we make BAE Systems a stimulating, safe and inclusive place to work.

And working responsibly matters a great deal to us, protecting the safety of our employees, the environment and the communities in which we operate.

At BAE Systems you can be proud of what you do, how you do it and who you do it with. We work hard to create an inclusive, dynamic and rewarding environment where you are inspired to achieve remarkable things and make a difference where it really counts.

Join us! To find out more visit [baesystems.com/careers](https://baesystems.com/careers)

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