



iSupport³⁶⁰

Innovation through collaboration. Empowered by technology.

iSupport360 provides an integrated digital toolset that enables an asset owner or manager to optimise the performance of physical assets.

Digital technology is changing the way we work and what we can deliver. That's why our customers are increasingly turning to us for their technology solutions. Whether that's creating a digital twin of an asset, helping them to better understand fleet performance through data analysis, or simply enabling the right support solution for them, whatever the engineering challenge, whatever the asset.

iSupport³⁶⁰ enabling engineering insight.

Using the latest technology and the deep engineering expertise of our people we work in partnership with our customers to:

Solve complex challenges: Advanced analytics help us to solve complex challenges and to be proactive, lessening operational risk through predictive maintenance.

Be flexible and agile: A greater availability of in-depth information relating to the work we undertake makes us better able to respond to changing demands and conditions.

Drive efficiencies: Combining our knowledge of the Digital Thread, iSupport360 gives a holistic view of an asset at every stage, from design to disposal, enabling enhanced service delivery and a sustainable approach, at every stage.

Deliver expertise: iSupport360 equips our people and our customers to better understand asset performance and material condition to make informed operational decisions using their domain knowledge and deep engineering expertise.

On land



In our Land business we are working on a transformational programme to digitalise platforms and exploit condition monitoring for the Army's fleet including Bulldog. Our innovative approach is focused on improving platform availability and mission effectiveness whilst reducing logistic burden and support cost.

For newer platforms entering service this will mean better configuration and exploitation of existing data feeds, whilst for legacy platforms we are retro-fitting equipment monitoring sensors and demonstrating live condition monitoring on a number of pilot platforms within the active Bulldog fleet.

Whether we're creating and utilising digital twins to monitor platform performance or exploiting existing data, our focus is always on improving asset availability, driving down equipment support cost in order to support the soldier on the ground.

At sea



Our Type 31 frigates are being fitted with the latest digital technology to equip today's mariner with real-time data to support immediate and complex decision making. High levels of on-board automation enable reduced crew numbers and provide a ship-wide system capability that is available whenever it needs to be used. As the designer and manufacturer of the Type 31 we are ensuring a digital thread is established to allow for the seamless transition of information from one phase of the asset's life cycle to another.

In the air



In our Aviation business we're developing a cutting-edge data and analytics capability as part of our Hades contract to allow us to make better informed decisions across the 17 RAF sites we support. Working in partnership with our customer we are delivering a culture of change and developing an environment for our people that is agile, adaptable and flexible whilst driving long term benefits in our service. Optimising how our workforce operates means we can do the same with our vehicles, so eliminating wasted journeys and supporting longer term sustainable solutions for the customer.

Developing digital skills for the future



Innovation isn't just in the technology we use, it's in our people, our partnerships and it's embedded in what we deliver. Investing in the digital skills of our people is a key enabler for our iSupport360 approach in delivering value for our customers, enabling us to understand and manage their complex and critical assets so we can provide the best technology solution. From Chief Engineers to data scientists and maintainers, our people understand the increasingly complex world of digital systems and data we're operating in.

The future with iSupport³⁶⁰



Babcock is a technology-led business driven by innovation. We put data and digital capabilities at the forefront of delivering innovation and value for our customers - wherever they are in the world, whatever the engineering challenge.

Across land, sea and air, our iSupport360 approach helps Babcock deliver the added readiness, performance, efficiency and value that our customers demand.

“Digital technology is shaping the future of support in defence, which is why the range of digital technologies we use is designed to enhance the ability of our people, allowing them to make better informed decisions, and equip them with the best understanding of the asset's performance and material condition.”

Dr Jon Hall, Chief Innovation and Technology Officer, Babcock International Group

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