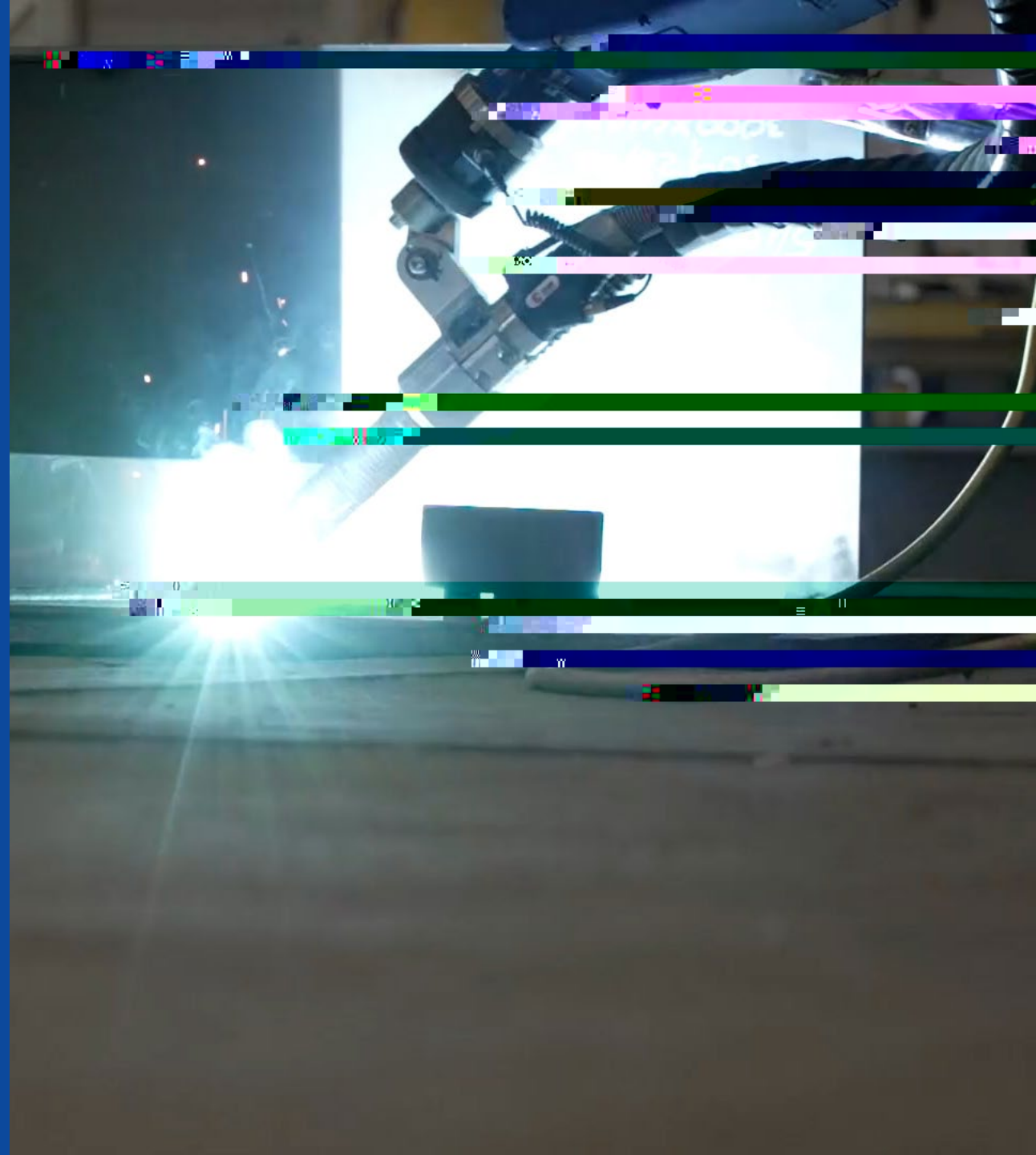


# Engineering and technology

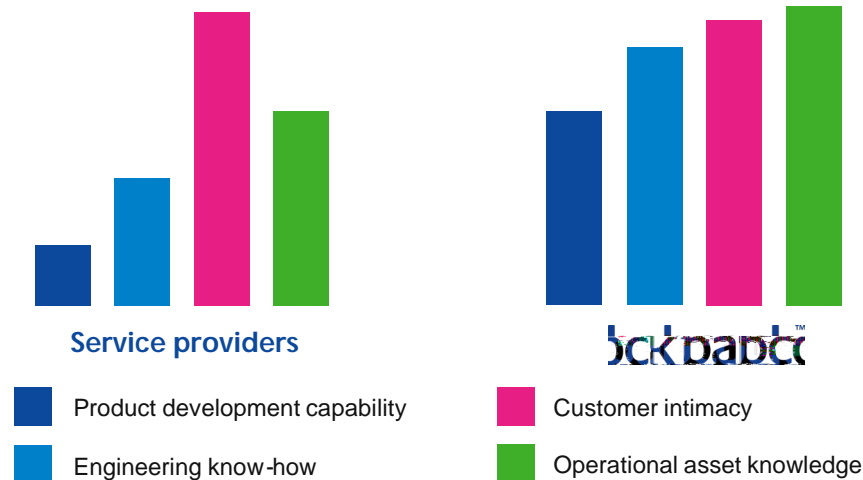
Brad Yelland,  
Chief Engineering and Technology Officer





# Engineering and technology

# Being an engineering and technology company



## Supporting and upgrading complex systems and platforms has;

- › Increased our engineering and technology know -how
- › Increased knowledge of the customer and their operational requirements
- › Increased the customer's confidence in our engineering capability

As a result, Babcock is increasingly securing prime roles as a capability partner on engineering development and systems integration programmes

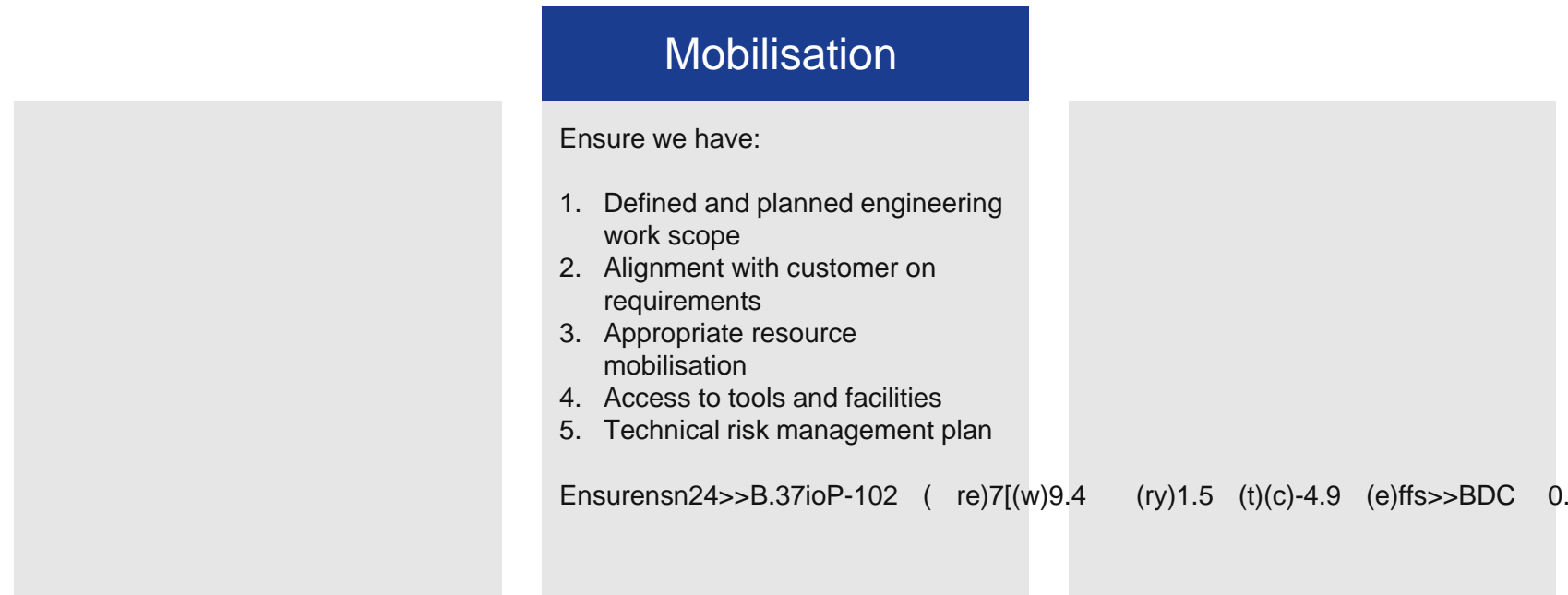
## Defence High Frequency Communications Systems



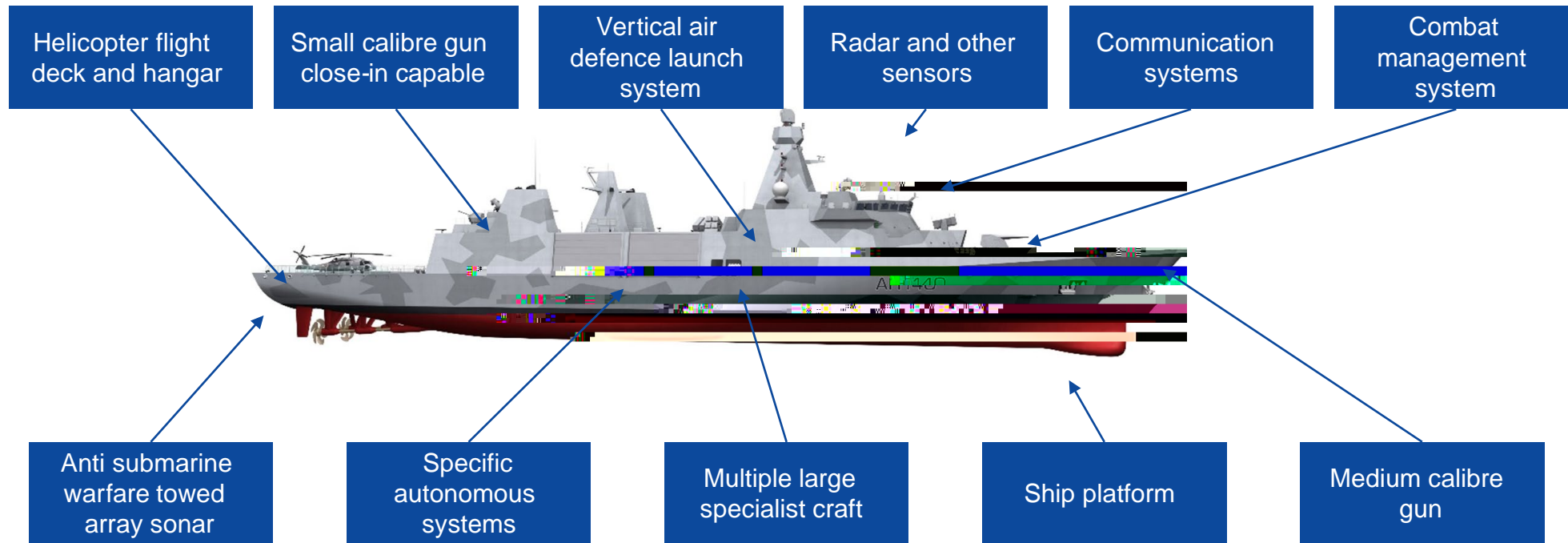
## Arrowhead 140 general purpose frigate



# End to end technical governance framework

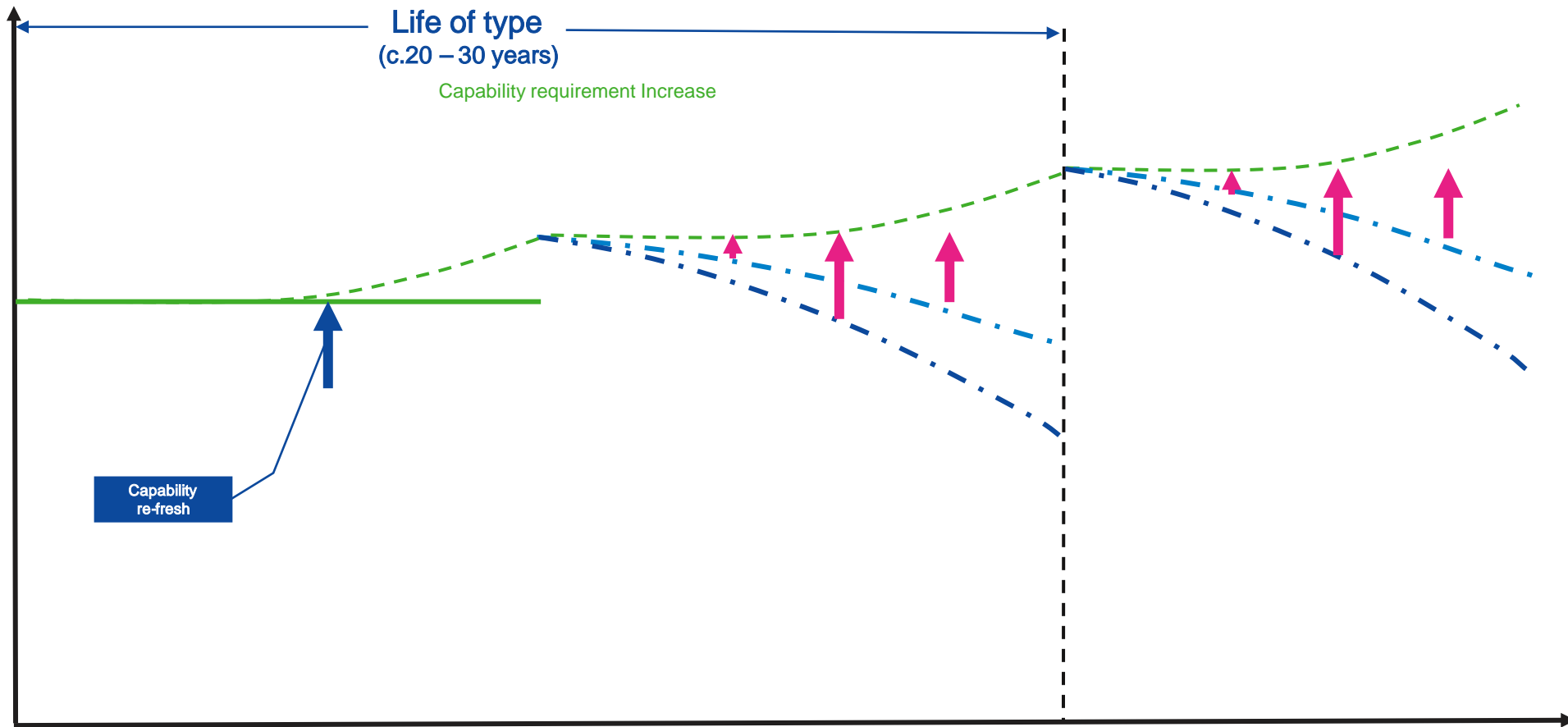


# Today's defence assets are complex integrated systems

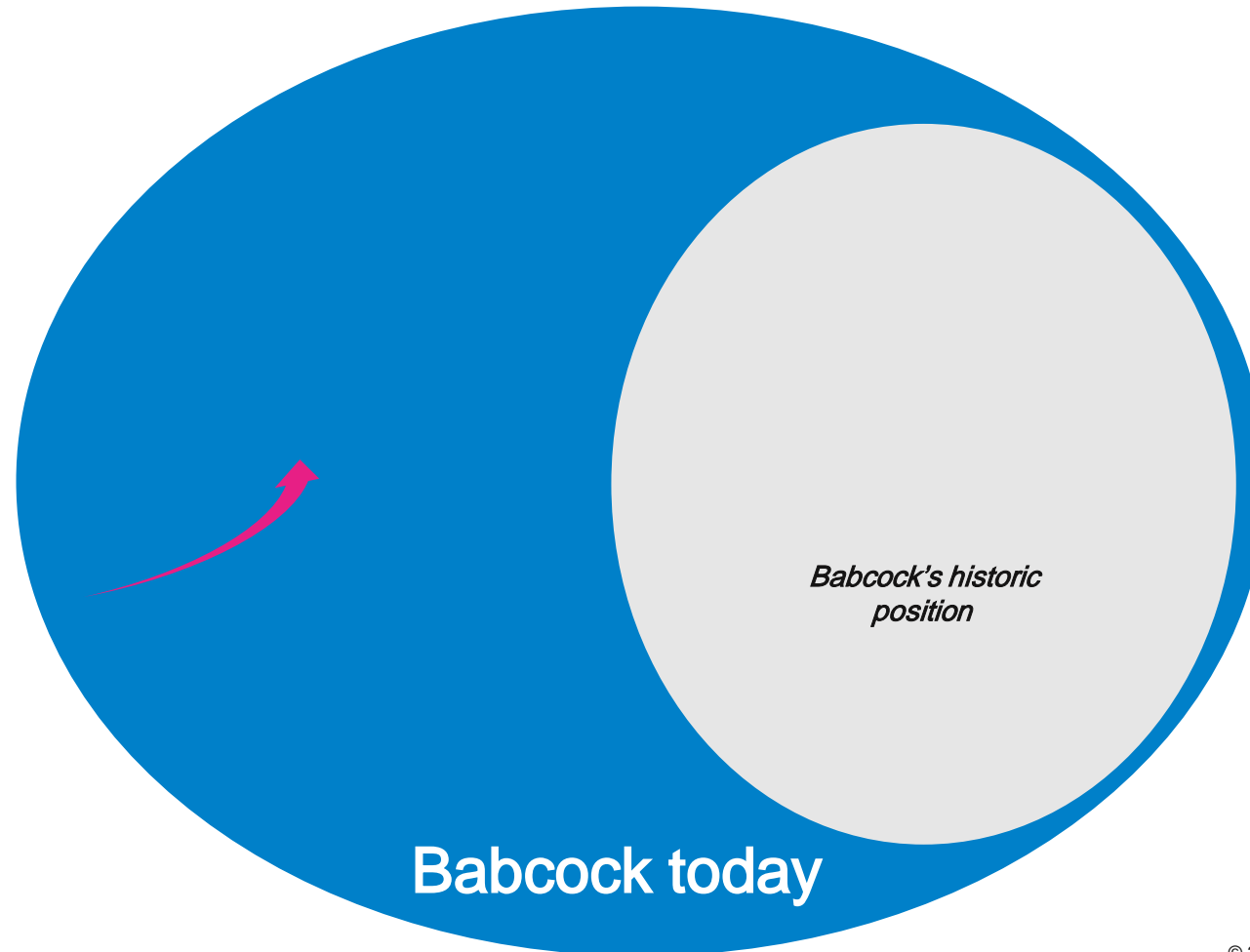


Increasing complexity drives the need for value -

# Supporting complex systems through -life



# Leveraging our position to drive profitable growth





# Developing as a capability partner

## Strengthening our through-life support provider position

- › Maturing asset management
- › Prognostic health management
- › Data sciences
- › Digitally enabled engineering
- › Digital twins for business processes
- › Advanced manufacturing for obsolescence treatment



## Cementing systems engineering and integrator role

- › Systems engineering and integration
- › System modelling and operational analysis
- › Autonomous technologies
- › Data sciences and digital design
- › Software development
- › Product cyber resilience

**Strengthening technical governance and assurance underpins guidance**

# Engineering and technology summary

- › Strengthening our technical risk management
- › Leveraging our knowledge of our customer and their operational requirements to support capability enhancements
- › Building our knowledge and access to advanced technologies that underpin defence systems
- › Growing our capability to strengthen our position as a support provider and grow our opportunities in the systems and engineering integration areas