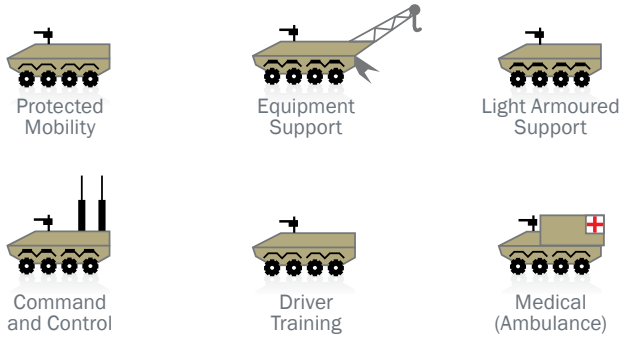


What is FRES?

The Future Rapid Effect System (FRES) will provide the British Army with a family of medium-weight, network-enabled vehicles for up to 17 different roles.

Group 1 Utility



Utility vehicles will be followed by:

Group 2 Reconnaissance

Group 3 Firepower

Group 4 Manoeuvre Support

Group 5 Basic Capability

FRES will give the British Army greater firepower, protection and mobility than light forces, with simpler deployment and logistics than heavy forces.

By 2012 a mechanised infantry battalion will be equipped with the first 120 of some 2000 Utility vehicles. A total of about 3,000 vehicles are required for the five groups.

Contact

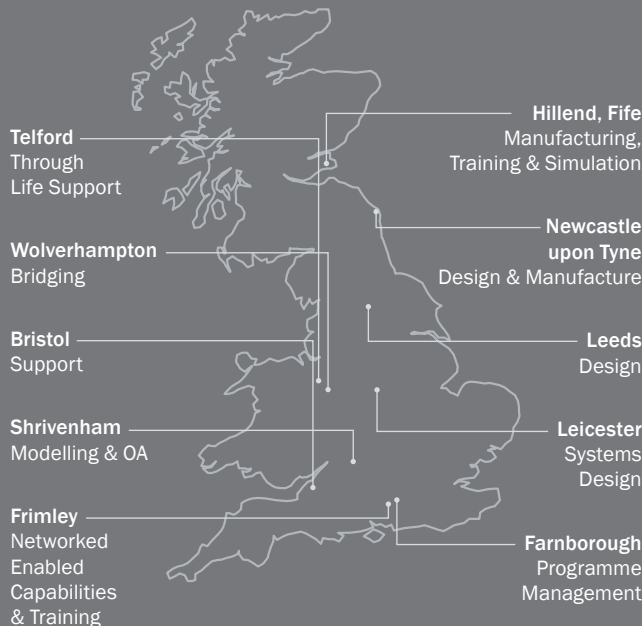
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FRES

Future Rapid Effect System delivering:

Capability

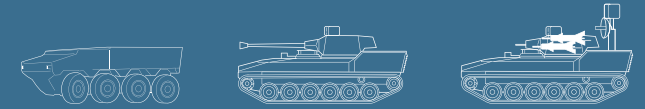
- Military capability – not just equipment
- Industrial infrastructure to support the Army

Continuity

- Managing transition to new fighting force
- Sustaining intellectual capital in the UK

Competitiveness

- Export potential for UK to lead world market
- UK engineering and manufacturing employment



FRES Utility

FRES Scout

FRES Anti-Tank Guided Weapon System



Challenger MBT

Bulldog

Warrior

BAE Systems' strategy is to be the UK MoD's through-life capability partner for the current and future armoured fighting vehicle fleet.

Capability

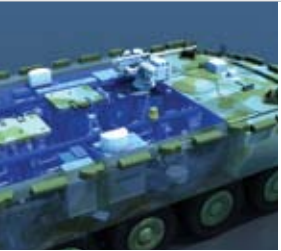
BAE Systems is the Design Authority for 95 per cent of the UK armoured fighting vehicle fleet.

It has the infrastructure to support UK land forces, with nine UK sites involved in the design, development, manufacture, support and integration of armoured fighting vehicles.

Specialist vehicle integration skills...

Include vetronics, electronic architecture, ergonomics, rapid prototyping, weapons systems and armour.

The state-of-the-art Leicester Systems Integration Facility is a vital tool for faster, better, cheaper, low-risk integration



Recent BAE Systems programmes...

Warrior, Titan/Trojan, Terrier®, Panther, integration of Bowman into Challenger and powertrain conversions of Bulldog. Over 80 recent urgent operational requirements delivered to protect troops in Iraq and Afghanistan



Manufacturing Capability...

Investment in lean manufacturing and rapid prototyping for high-volume assembly, integration and test of armoured fighting vehicles (AFV) calls on US technology and processes



Continuity

Managing Transition

The Army fights in battlegroups, made up of vehicles which play different roles. FRES will be introduced over a 15-year period, so new variants need to be integrated into the fleet to fight alongside Challenger and Warrior.

As MoD's partner for the current fleet, Land Systems aspires to support the MoD in managing FRES introduction and ongoing support. This continuity will enable faster introduction of balanced new capability at lower risk.

We fully understand the way the British Army operates and are actively supporting current operations.



Sustaining Intellectual Capital

BAE Systems has over 600 specialist engineers working on AFVs in the UK and expects the FRES programme to generate 7000 jobs. A BAE Systems led FRES can sustain and enhance this resource and the UK intellectual capital as set out in the Defence Industrial Strategy, to benefit the front line.

We have the UK based people, facilities and expertise required to bring the utility vehicle into service in 2012.

Competitiveness

The export potential of FRES is enormous. A strong UK-based integrator with a UK supply network could lead the world in medium-weight vehicle capability.

With our UK partners we fully meet the requirements of the Defence Industrial Strategy for FRES.



Transformation

"We expect to see a significant evolution of BAE Systems Land Systems, both to deliver AFV availability and upgrades through life, and to bring advanced land systems technologies, skills and processes into the UK.

If successful in their evolution, BAE Systems will be well placed for the forthcoming FRES programme."

Defence Industrial Strategy,
December 2005

BAE Systems has met its transformation commitments to become a world class AFV systems engineer and integrator.