



Defence Science and Technology Laboratory

Delivering high-impact science and technology for the UK's defence, security and prosperity.

The Defence Science and Technology Laboratory (Dstl) is the UK's leading Government agency in applying Science and Technology (S&T) to the defence and security of the UK. As part of the Ministry of Defence (MOD), Dstl responds to the S&T direction set by the UK Government's National Security Strategy and Strategic Defence and Security Review.

Dstl brings together the defence and security S&T community, including industry, academia, wider Government and international partners, to provide sensitive and specialist S&T services to MOD and wider Government. Dstl only undertakes work in-house for reasons of national security or political sensitivity.

Dstl is responsible for the delivery of the MOD S&T Programme. This accounts for approximately two thirds of Dstl's total sales, and around half of the Programme's funding is spent with external suppliers.

Dstl follows both Government and commercial best practice, with the Secretary of State for Defence having ultimate responsibility. Dstl is accountable to Parliament, to the UK taxpayer, and to the UK Armed Forces it supports.

Providing the right S&T advice at the right time and in a way that offers value for money for the taxpayer.

Dstl's role

- Supplying sensitive and specialist S&T services for MOD and wider Government
- Providing and facilitating expert advice, analysis and assurance to aid decision-making and to support MOD and wider Government to be an intelligent customer
- Responsibility for delivering MOD's S&T Programme using industrial, academic and Government resources
- Managing and exploiting knowledge across the wider defence and security community, and understanding S&T risks and opportunities through horizon-scanning
- Acting as a trusted interface between MOD, wider Government, the private sector, academia and allies to provide S&T support to military capability delivery and cooperation
- Championing and developing S&T skills across MOD

S&T focus

Dstl provides UK Government with sensitive and specialist S&T research, advice, analysis, technical and systems risk management and assurance.

To meet defence and security needs now and in the future, Dstl has defined nine priority S&T capabilities central to the delivery of its customer programmes. MOD's Science Strategy sets out its view of the future need for these capabilities and where they will sit across Dstl, its partners and suppliers.

These capabilities include:



Analysis



Systems



Weapons



C4ISR
Command, Control,
Communication, Computers,
Intelligence, Surveillance
and Reconnaissance



Human
Capability



Counter-
Terrorism (CT)
and Security



CBR
Chemical,
Biological
and Radiological



Integrated
Survivability



Cyber

Dstl's work

Dstl manages the delivery of its customers' work through programmes, using expertise from across the organisation and placing work externally wherever possible.

Programmes

- Above Water Systems
- Air Systems
- Autonomy
- CBR Services
- Contested Electromagnetic Environment
- Cyber Systems
- Defence Agility Adaptability and Cost Reduction
- Future Kinetic Effects and Weapons Systems
- Future Sensing and Situational Awareness
- Future Threat Understanding
- Future Workforce and Human Performance
- Influence
- Information Systems
- Land Systems
- Materials for Strategic Advantage
- Missile Defence and Strategic Systems
- Policy and Capability Enterprise Support
- Protecting Our People
- Security Systems
- Space
- Specialist Systems
- Threat Evaluation
- Underwater Systems
- Upstream Prevent of CBR

Dstl is also committed to working collaboratively with existing and potential suppliers to develop and shape future technical capabilities outside Government. Consequently, it is important to Dstl that suppliers can easily see what aspects of work are planned for external delivery so that they can get involved as early as possible.

Dstl's business model

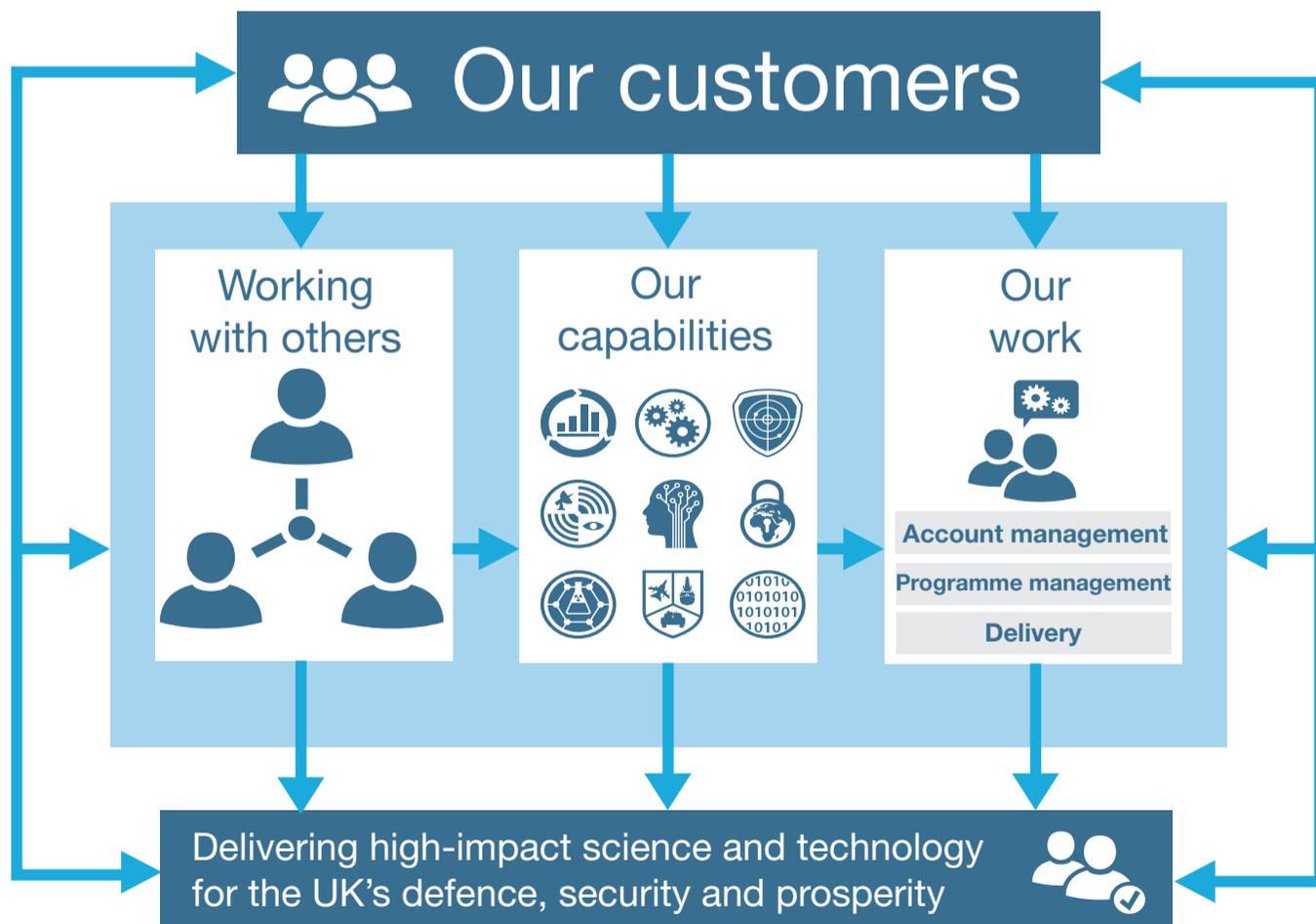
Dstl's business model supports the delivery of optimal, assured solutions from the best sources to deliver impact for its customers and to help them realise the benefits derived from S&T investment.

The model (pictured below) depicts the flow of business from understanding our customers' needs, working in collaboration with our partners and suppliers, shaping and sustaining our capabilities, and delivering our S&T solutions through a programme management approach.

Working with others

Dstl starts from the presumption that work should be conducted by external suppliers unless there is a clear reason for it to be done or led by Dstl.

Working with industry (including small and medium-sized enterprises), academia, wider Government and international partners, Dstl delivers to a wide range of customers within the UK Armed Forces and MOD. It also works for other Government departments to help meet their objectives.



All elements of Dstl's delivery, including programmes and operations, is carried out by Dstl's Capability and Delivery Directorate, with any work contracted to external suppliers managed by Dstl's departments.

Around half of the Programme is delivered by industry and academia.

Dstl has a number of routes to contracting to encourage collaboration with suppliers, including:

- Defence and Security Accelerator (the Accelerator)
- R-Cloud
- Framework Agreement for Technical Support
- Defence Contracts Online and Defence Contract Bulletin
- Technology Strategy Board.

The Accelerator focuses on innovations that can provide advantage to defence and national security to protect the UK from its adversaries. It funds the development of suppliers' innovative ideas and provides support through to potential application.

Dstl's technology transfer company, Ploughshare Innovations Ltd, which manages the commercial licensing of Intellectual Properties (IP) developed by Dstl, ensures that IP generated in the course of its work is exploited, through commercial licensing or the creation of spin-out companies.

Together, the Defence and Security Accelerator and Ploughshare support the UK Government's growth agenda.

Dstl is proud to deliver affordable and effective solutions for our defence and security customers that save lives and money.

Contact us

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gov.uk/dstl

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