

# INVESTED IN BRITAIN

## FOCUS ON: TRAINING



## Training for tomorrow

**I** joined the team at Raytheon UK just over 60 days ago. My recent experience outside of defence has seen me learning about training and development at scale, and across a distributed workforce in the NHS, and working with bleeding-edge immersive simulation technology.

Knowledge of high-technology and scaled-bespoke training feels extremely relevant to the challenges faced by defence today. Soldiers, sailors, marines, and airmen must be prepared to engage, and prevail, against threats both foreseen and unseen. To do that, they will master technologies that are evolving faster than at any time in human history.

The level and sophistication of military training can be the UK's strategic advantage to meet these threats. The MoD's Future Collective Training System (FCTS) will transform collective training to match ever-more complex threats above and below the threshold of conflict. This will be enabled by the dynamic exploitation of training data, the identification of new training methodologies, and simulated training environments. This overhaul should be based on three principles: trusted partnerships, transformative solutions and investment in the UK.

In this newsletter, we'll show how Raytheon UK is already a trusted partner to the MoD in the effort to modernise training. If you want to find out more, or have any questions, then please get in touch

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## Shaping the future of Royal Navy training

**A**s Raytheon UK takes over the running of the Royal Navy's Future Training Unit (FTU), it's clear that emerging technologies will be essential to preparing the next generation of sailors.

Synthetic training environments and virtual reality simulations at the Royal Navy's FTU at HMS Collingwood – now operated by Raytheon UK – are helping personnel prepare for the latest navy platforms, such as the Queen Elizabeth-class aircraft carriers.

"The FTU plays a crucial role in developing training to meet the operational capabilities of the future," said Roger Foster, Selborne programme manager for Raytheon UK.

Raytheon UK is responsible for providing subject-matter expertise, managing the quality of the output and the unit itself. This partnership will help shape the future of Royal Navy training and aligns with the Royal Navy's wider transformation vision to provide better trained people to the frontline faster.

Raytheon UK will also provide advice and consultancy on emerging synthetic training solutions, new technologies and novel learning solutions.

### FIND OUT MORE

**Visit:** [www.raytheon.com/uk/news/feature/shaping-future-royal-navy-training](http://www.raytheon.com/uk/news/feature/shaping-future-royal-navy-training)

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## Better together

**I**nnovation is crucial in order to ensure dominance in the battlefield of tomorrow. And nowhere is this more important than in the context of military training, where innovative working practices are already bringing transformation to the UK's armed forces. Innovation, however, requires an ecosystem of partners working collaboratively to provide emerging technologies, transparency, inclusion, agility and value for the customer.

"Collaboration is at the heart of what we do," explains James Gray, managing director for Cyber, Space & Training at Raytheon UK. "Our partnerships enable us to tap into the best that industry has to offer in cutting-edge technologies, and new and emergent best practices in military training."

That's why in December 2020, Raytheon UK joined a Capita-led consortium, which included Elbit Systems UK, Fujitsu and several smaller British suppliers, to provide the Royal Navy with transformative technology, training and learning solutions.

"We want to help enable our armed forces with world-class training behind them," Gray said.

And by continuing to partner with these companies, Raytheon UK can keep ahead of current and future training technologies available to its customers, enabling it to deliver adaptable, flexible and scalable solutions.

### FIND OUT MORE

**Visit:** [www.raytheon.com/uk/news/feature/collaboration-through-innovation](http://www.raytheon.com/uk/news/feature/collaboration-through-innovation)

## Steering a course to success

**T**he Royal Navy's Fleet Navigating Officers' Course aims to create the next generation of elite Royal Navy navigators. Six of these courses are run a year. And as part of our commitment to help train the next generation of navigators, Raytheon Anshutz sponsors an annual prize to the top student on the course.

This year that prize was awarded to Lt Chris Town, who achieved the top score for both the theoretical and practical aspects of the course and is now commanding officer of HMS Charger. The P2000 patrol boat is based in Liverpool but is used around the UK's coastline.

At an awards ceremony that took place at the Defence and Security Equipment International (DSEI) exhibition in September, he was presented with his prize by Rear Admiral James Parkin, Director Develop at the Royal Navy, and Glen Cheadle, general manager at Raytheon Anschutz.

"I'm delighted to be awarded this prestigious and sought-after prize," Town said. "Navigation excellence remains a defining feature of the Royal Navy, which we achieve through top-tier training and top-tier equipment," he added, as he received his prize – aptly, a pair of binoculars.



## Cutting-edge training

**R**aytheon UK put the next generation of training to the test at the 2021 Army Warfighting Experiment (AWE), with military personnel providing invaluable feedback.

Raytheon UK's Training Transformation Services team, in partnership with US colleagues from Raytheon Intelligence & Space, took part in the AWE. It's an annual event which aims to transform the way the British Army trains by experimenting with cutting-edge technology, testing prototype systems and giving invaluable feedback to suppliers.

This year, the AWE focused on training soldiers for an interconnected battlefield – harnessing data to connect trainees, then act, respond and review actions in real-time.

As part of this focus, Raytheon UK showcased three main capabilities to the British Army: machine learning capability Chronos, intelligence tool GAMBIT, and data analytics platform Rshot

Those kinds of digital training tools are increasingly valuable to customers. For example, Raytheon Intelligence & Space was recently awarded two US Army contracts, totalling \$8.1 million, to demonstrate and test a live training system prototype.

The prototype will aim to replace the aging Instrumentable – Multiple Integrated Laser Engagement System, or I-MILES – that has been in use for more than 40 years with a new live training system that combines new technologies with soldiers' weapons and equipment to create the most realistic training experience possible.

### FIND OUT MORE

**Visit:** [www.raytheonintelligenceandspace.com/news/advisories/raytheon-intelligence-space-deliver-cutting-edge-live-training-system-prototype-us](http://www.raytheonintelligenceandspace.com/news/advisories/raytheon-intelligence-space-deliver-cutting-edge-live-training-system-prototype-us)

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