

# INVESTED IN BRITAIN

FOCUS ON: DSEI 2021



## Welcome

**W**elcome to the seventh Raytheon UK Invested in Britain newsletter. As we say goodbye to a successful DSEI 2021 – an event which connected governments, armed forces and industry thought leaders – we want to show you a handful of the capabilities that we showcased at the event.

It's worth noting that none of what we showed at DSEI 2021 would have been possible without our partners around the world. And what's more important is that our combined efforts are having an even greater economic impact, particularly in the UK.

Raytheon Technologies has been contributing to the UK economy for more than 100 years. A recent Oxford Economics analysis estimates that for every 10 jobs we create, 42 additional jobs are sustained by our supply chain – that's almost 36,000 careers in total.

Add the fact that in 2019, Raytheon Technologies contributed £2.7 billion to the UK's gross domestic product and we're in a brilliant position to reach our goal in the UK of doubling in size over the next five years.

We hope you enjoy this edition of our newsletter and uncover a little more about how collaboration across Raytheon Technologies is securing our shared future. If you want to find out more about our systems and services, or have any questions, please get in touch.

Jeff Lewis,  
Chief Executive, Raytheon UK



## Tackling tomorrow's threats

**I**t can take down hostile UAVs using a highly concentrated beam of light. Its ammunition costs next to nothing. And, with a sufficient power source, it can fire indefinitely.

Raytheon Technologies' High-Energy Laser Weapons System, or HELWS, is making its way to the UK. A demonstrator of the system will be installed on the UK Wolfhound land vehicle and provided to the Ministry of Defence for a six-month trial starting in the spring of 2023.

The arrival of the demonstrator in the UK will cap what has been a 20-year quest for the defence sector to bring laser weapons to the battlefield.

"By 2025, we will have placed the country at the forefront of this emerging technology, equipping British frontline armed forces with the best affordable sovereign solutions," said Alex Rose-Parfitt, engineering director, Raytheon UK.

"While this is a one-off demonstrator system, our long-term goal is to provide this capability as a UK sovereign system for domestic and overseas customers."

### FIND OUT MORE

**Visit:** [www.raytheon.com/uk/news/feature/laser-sharp-defence-uk-forces](http://www.raytheon.com/uk/news/feature/laser-sharp-defence-uk-forces)

**Contact:** Alex Rose-Parfitt – [alex.rose-parfitt@raytheon.co.uk](mailto:alex.rose-parfitt@raytheon.co.uk)

## Our Commitment to 30/30

**W**ith the defence industry behind wider society in the diversity of its workforce, efforts are underway to improve representation across the board.

At a special event at DSEI 2021, the Women in Defence Charter revealed its new strategy which sets the ambition of achieving a minimum of 30% female representation at all levels across the defence sector by 2030.

As a signatory of the charter, Raytheon UK is committed to making the defence sector an attractive industry to work in, with a particular focus on retaining and supporting women into senior management positions – so we can attract the right talent to the defence sector.

“A diverse organisation has been proven to operate much more successfully if you can get that right representation across the board,” said Jeff Lewis, Chief Executive, Raytheon UK.

“I have been working hard with colleagues across Raytheon UK to see how we can improve that representation by putting in place measures like family friendly policies that will allow us to deliver a better and broader organisation.”

### FIND OUT MORE

**Visit:** [www.shephardmedia.com/news/defence-notes/diversity-and-inclusion-agenda-dsei-studio/](http://www.shephardmedia.com/news/defence-notes/diversity-and-inclusion-agenda-dsei-studio/)

## Faster, more accurate decisions

**R**aytheon UK’s Intelligence, Surveillance and Reconnaissance (ISR) hub in Broughton, Wales, is developing new capabilities to give decision-makers the right information at the right time.

Raytheon UK is looking looking to widen its capabilities from being a mission system integrator of fixed-wing, manned aircraft platforms to being a capability system integrator across the full spectrum of ISR.

The new direction for Broughton follows the retirement of the site’s signature Sentinel surveillance aircraft, and covers the following main pillars:

- **Satellite as a service:** meaning customers can get cheaper, faster intelligence data about a specific area of ground from commercial satellite providers.
- **Manned air systems:** from the recently retired Sentinel Mk1 single-sensor platform to multi-intelligence sensor capability Special Mission Aircraft.



■ **Remote unmanned air systems:** from Global Hawk to Reaper and Protector remotely piloted air system aircraft, down to smaller unmanned aerial vehicles.

■ **Artificial Intelligence and Machine Learning:** converting data into situational awareness for the battlespace, using AI to speed up data exploitation and increase accuracy.

■ **Multi-domain operations:** An idea from the Department of Defense, Joint All Domain Command and Control (JADC2) aims to connect the battlespace across every domain – sea, air, land, space and cyber – while operating in near real-time.

### FIND OUT MORE

**Visit:** <https://www.raytheon.com/uk/news/feature/big-picture-intelligence>

**Contact:** Paul Francis – [paul.francis@raytheon.co.uk](mailto:paul.francis@raytheon.co.uk)

## Portsmouth Presences Expands

**E**xpanding its presence at the home of the Royal Navy in Portsmouth, Raytheon Anschutz and Raytheon UK have opened a new integration and test facility at Portsdown Technology Park for its Warship Integrated Navigation and Bridge Systems (WINBS) work.

As its local footprint grows, the company plans to launch a new apprenticeship programme and expand existing ties with area universities. Raytheon Anschutz is also now in the process of bringing on board more local UK suppliers to further its work on systems for the Type 26 and Type 31 frigate programmes.

Anschutz’s SYNOPSIS NAVAL bridge systems, the nerve centres of a surface combatant, integrate many operational requirements, including air traffic control while meeting stringent safety and security specifications.

The latest addition to the bridge system is the new NAVAL ECDIS NX, this is the first time its live on a booth. ECDIS is a powerful Warship Electronic Chart Display and Information System (WECDIS) based on a proven, IMO-compliant ECDIS and enhanced with modular naval and military features to effectively strengthen tactical awareness and operation.

The expanding regional presence of the company allows for even greater cooperation with the naval customer and will further aid and empower Royal Navy maintainers in working on installed systems in the fleet.

Raytheon Technologies’ unique expertise in naval bridge system integration, and a strong focus on customer-oriented program management, engineering, and after sales service, have made the team a trustworthy and long-term partner for global shipping and more than 50 international navies.

### FIND OUT MORE

**Visit:** [raytheon-anschuetz.com/navigation-magazine/detail/spotlight-on-wecdis-innovation-at-the-dsei/](http://raytheon-anschuetz.com/navigation-magazine/detail/spotlight-on-wecdis-innovation-at-the-dsei/)