

INVEST IN DORSET'S

**DEFENCE &
SECURITY SECTOR**



© www.endstate.co



DORSET
Local Enterprise Partnership

dorsetlep.co.uk/invest-in-dorset

Dorset

The UK MoD budget exceeds £45 billion per year in support of the UK national security agenda.

Of the **£45B** in 2021-2022

£20.9B

was spent on procurement of equipment

£100M

was spent on consultancy

£75M

on technical services consultancy

In addition, the defence and security accelerator (DASA) delivered an annual budget in 2022 of

£36.2M

of which 63% went to small and medium sized enterprises.

Innovate UK expect their budget to increase to

£16B

by 2024-25

The Dorset Defence and Security footprint is a significant part of the UK defence and security supply base with a total value of £3 billion and employs over 7000 full time professionals.

In addition to the private sector there is a large MoD footprint in Dorset of military personnel working in research and development, capability, operations, training and support with a total annual operating budget of over £11 million and over 600 personnel permanently based in the region.

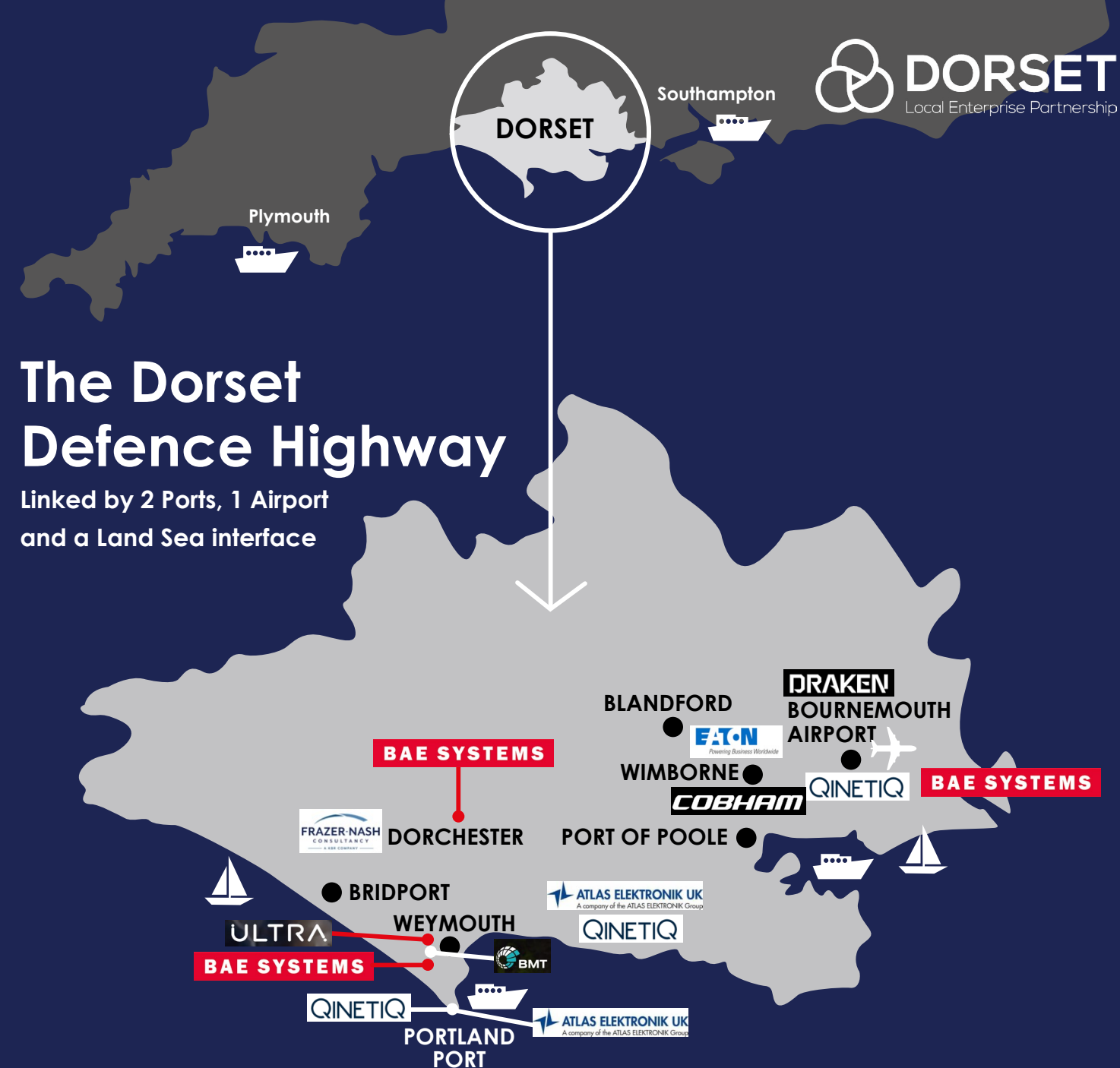
Dorset lends itself to Defence with existing secure facilities and geography from which high-tech development, testing and training can be conducted and analysed to deliver a winning edge for UK armed forces on the land, sea and in the air.

On land there are ranges at Bovington, Lulworth and test facilities at Blandford Forum all within a short distance to the large-scale ranges on Salisbury Plain. At sea there are significant MoD ranges where naval

platforms are measured and tested in their ability to defend the UK interests at home and abroad.

Local government are cognizant of the importance to the region of high quality, high- tech and well-paid opportunities for the local workforce and this has been demonstrated by recent investment in infrastructure projects to support and unlock the full potential of the commercial sector. Examples include 5G demonstrator programmes in BCP and Dorset Council areas, the MoD Defence Battlelab within the Dorset Innovation Park, the development of Bournemouth Airport and the appetite for investment in future projects to provide the tools and stimulus to grow regional capability.

Key to growth in the Dorset defence and security sector is the success of companies that have established footprints in the region. By far one of the largest regional employers is BAES which has 3 footprints in Dorset at Christchurch, Dorchester and Weymouth.



The Dorset Defence Highway

Linked by 2 Ports, 1 Airport and a Land Sea interface

Why Invest in Dorset's Defence & Security Sector

The defence commercial sector in Dorset comprises every level of the defence strategic community including primes, Tier 2 suppliers, SME's and academia all of which are supported by a highly skilled workforce in several relevant technology domains in the global supply base.

The defence value proposition for Dorset is not bounded at the geographical boundary. Linked by 2 Ports, 1 Airport and a Land/Sea interface and with primes Thales and Leonardo close by in Somerset and the large sector presence around Bristol and

the Greater South West which is also a vibrant and active route to market for Dorset defence suppliers.

There has never been a better time to invest in Dorset as a location for growth and access in defence and security.

Aerospace

The Aerospace manufacturing, production and support community of the region includes primes Draken Europe, Eaton Mission Systems and a strong supply base including GAMA Aviation, Curtiss Wright and Honeywell International. The total value of the defence aviation sector of Dorset is in excess of £450M with over 2800 skilled employees across the supply base.

Case Study

Eaton Mission Systems Wimborne are extremely proud to have called Dorset our home for almost 90 years. Originally starting out as Flight Refuelling Ltd under the leadership of Sir Alan Cobham, the company transitioned to Cobham Mission Systems and now more recently became part of Eaton through acquisition in 2021. Now firmly a part of the Aerospace Group, headquartered in Irvine, California.

Located in Wimborne occupying a site of over 40,000 m2, where we have our modern 11,500 m2 office space, assembly line and test



facilities. The company currently employs circa 870 people. From this facility, we work directly with various aircraft manufacturers and aircraft operators to design, develop, deliver, and support Air-to-Air Refuelling (AAR) and Actuation systems that achieve their operations in challenging environments, safely and successfully. Our range of products and services are supplied to various Aerospace and Defence companies including Airbus, BAE Systems, Boeing Embraer, Lockheed Martin, MBDA and Saab; alongside over 20 Air Forces Worldwide.

Our expert team of dedicated employees use their knowledge to develop new products and systems, as well as support our current products in-service with repair, modifications, and upgrades. Continued strong investment in Research and Development means that our team are pushing technologies boundaries to provide new and enhanced capabilities to our customers. The spirit of investment under Eaton ownership. We are currently significantly expanding our production area to enable continued further growth of the business.

Being a critical part of the Eaton family puts us in a strong position to continue developing exciting new AAR and actuation systems from our Wimborne base. We proactively invest in and support the development of our people, providing continued personal development, and numerous advancement opportunities. Where possible, we source products and services locally through our dedicated supply chain team. We have an exciting future ahead of us; the people and company remain dedicated to building on our strong heritage and continued success in Dorset.

eaton.com/us/en-us/markets/aerospace.html





Case Study

HeliOps is a fast growing, dynamic company based in Portland, Dorset which provides bespoke aviation training and delivery of operational services to a vast array of clients, ranging from Superyacht owners to Government Departments. We are one of the few companies who are licensed to operate aircraft on the UK Military Register, compliant with UK military training standards and as such, most of our work is dominated by the Defence Sector. We provide turnkey solutions to a myriad of different customers, both home and abroad including the German Navy, the Norwegian Navy, the Bangladesh Air Force, the Exxon Oil Company and the UK Home Office to name but a few. Winner of the Queens Award for International Trade in 2022,



the Company has a demonstrable track-record of aircrew and groundcrew training, live flying-training from both its own heliport at Portland and overseas, alongside synthetic-training at its world-class simulator facility at Culdrose.

At a local level, HeliOps provides full time employment for some 50 personnel including an apprentice scheme as we build for the future. The base at Portland, by virtue of its location and easy access to the sea, is a key training hub for Royal Navy and Royal Air Force helicopters and their crews, whilst it has also become a recognised Forward Operating Base for national operations and thus integral for UK MoD and Home office operational planning.

helioperations.co

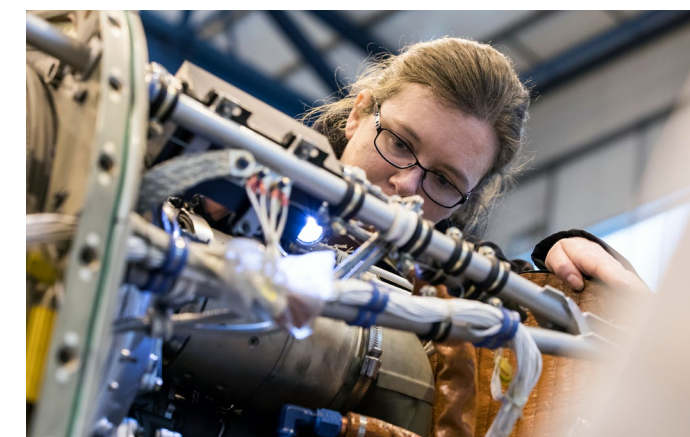
Case Study

As a tier two supplier defence aviation service supplier, Gama Aviation has locations across the UK, with its largest maintenance, repair and overhaul facility being based at Bournemouth International Airport in Dorset.

From this location and its Farnborough HQ, Gama Aviation's Special Mission team provides the mission expertise to assist governments and businesses in exploiting a variety of aviation assets (fixed wing, helicopters and unmanned aerial systems ("UAS")) within the following sectors:

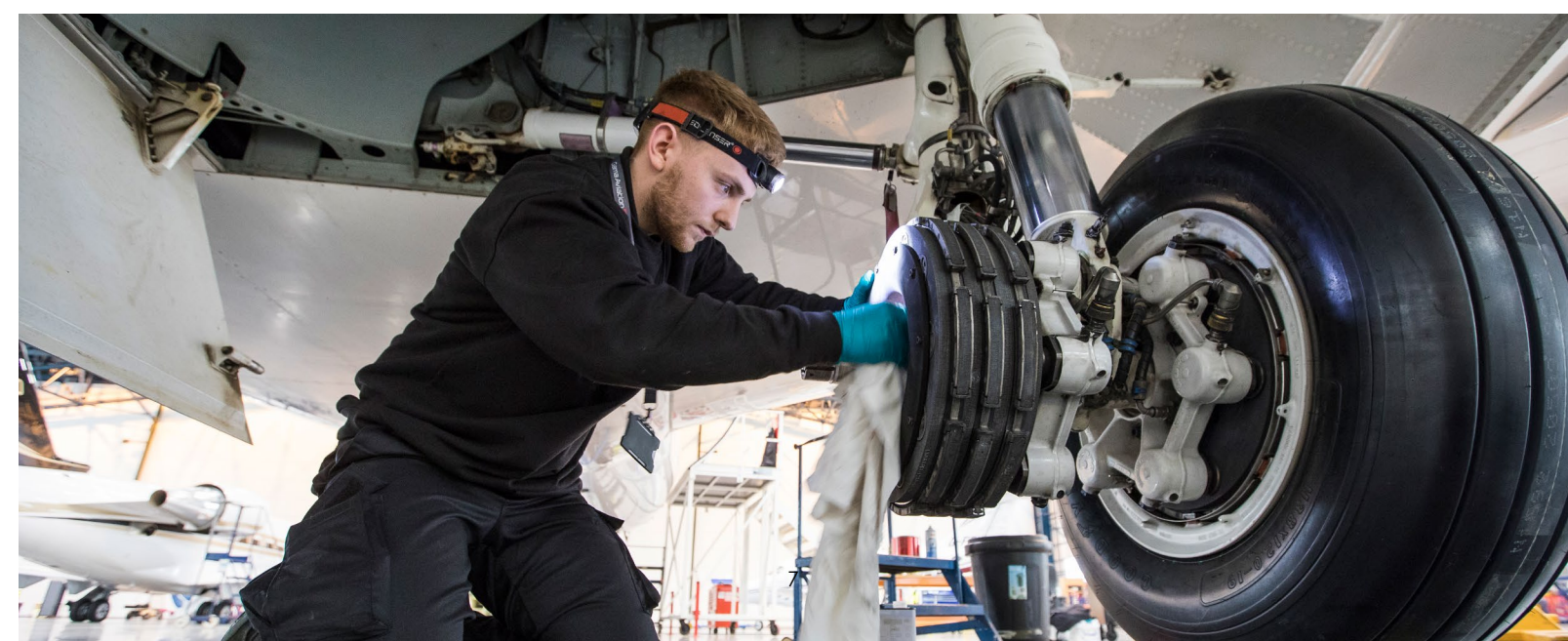
- **Air Ambulance & Rescue.** The delivery of fixed wing and rotary mission solutions to the governments of Scotland, Jersey and Guernsey as well as the circa 21 helicopter air ambulance charities operating within the UK.
- **National Security & Law enforcement.** Providing "intelligence as a service" aviation platforms to the UK government to protect the national interest.
- **Infrastructure & Survey.** The monitoring of critical national infrastructure for the purposes of failure monitoring, environmental controls, mapping or other such studies.
- **Energy & Offshore.** Providing platforms that help energy companies create, service and maintain offshore energy infrastructure.

Gama Aviation



Due to its work within the defence sector, Gama Aviation holds both military and civil approvals for maintenance and mission system design. It also provides military airworthiness management oversight to the Royal Air Force and Joint Helicopter Command.

gamaaviation.com



Materials

Materials and composites are an important factor in the production and manufacturing of high-tech equipment for military and security applications. There are a number of material suppliers in Dorset offering milling, grinding, coating, machining, fabrication and welding which are fundamental to delivering high grade, high tech and sustainable military equipment. The value of this sector is approximately £50M per year and employs over 600 full time equivalent employees. Key suppliers include Norco, Tods Defence, Tecan and ABS engineering.

Case Study

eVTOL Concept Aircraft

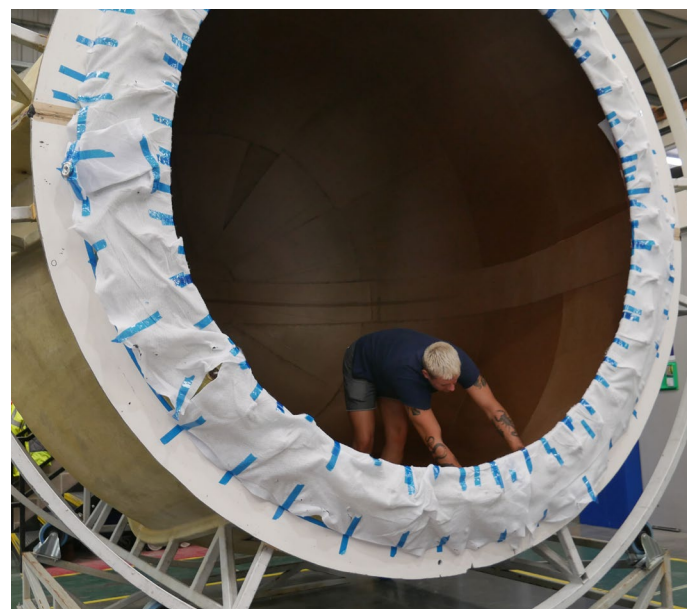
The eVTOL (Electric Vertical Take Off and Landing) airframe Wing and Fuselage sections are full scale test pieces to demonstrate the tilt wing and electric propulsion.



Manufacture Processes

The full airframe mock-up will be powered by six rotors that can provide both lift and propulsion. The wing sections have been designed and manufactured as a structure that could be flying part if required. The fuselage sections are purely aerodynamic fairings so that the wing and tail receive airflow as the flying aircraft would.

The wing sections are manufactured with carbon fibre reinforcement materials using a mix of processes. The fuselage sections are manufactured using glass fibre as the main reinforcement and carbon fibre UD to increase the panel stiffness where required.



Unmanned Surface Vehicle

The French technology company Thales have developed a new USV (Unmanned Surface Vehicle) in collaboration with the British company L3Harris, ASV (UK), who specialise in autonomous maritime vehicles. L3Harris, ASV (UK) contracted NORCO to manufacture the mould tools and prototype composite shells for the project, which were subsequently fitted out at their facility in Portchester, UK.

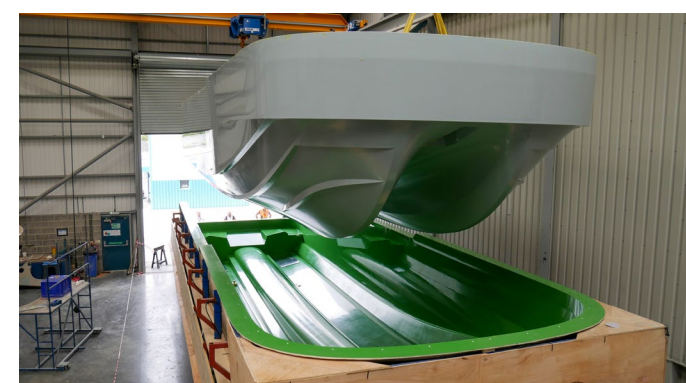
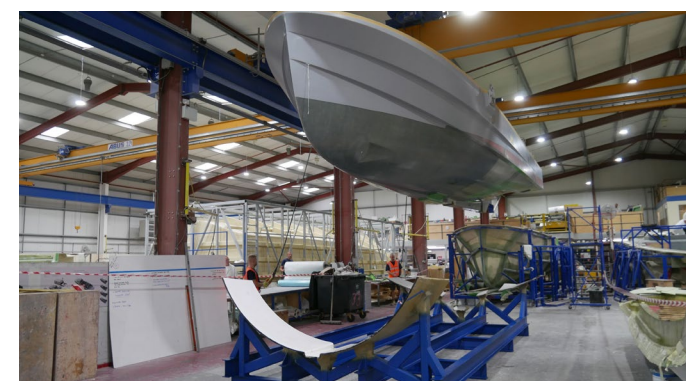
Sea Class Workboats

Working in partnership with Atlas Elektronik UK Ltd (AEUK) and the UK MoD to produce a range of SEA Class workboats, NORCO is the primary composite supplier for the project which includes hull, deck, superstructure and associated multipurpose modules.

Design for Manufacture

We worked closely with AEUK and the design team throughout the life of the contract providing support in areas such as design for manufacture and production solutions.

norco.co.uk/sectors/aerospace



Case Study

Creative Capability Solutions

G3 Systems Limited, a wholly owned subsidiary of IAP Worldwide Services, Inc. (IAP), operates in the UK and overseas providing the Ministry of Defence, Government, commercial and international clients with a wide range of facilities, services and solutions. We have the capability to design, deliver, operate and maintain equipment and facilities on a global basis based on our understanding and experience of the demands of operating in challenging locations and harsh environments.

Our core capabilities are: Equipment & Systems Solutions, Facilities & Infrastructure Services, Facility Operations & Management, Support Services.

One exemplar is the capability we have developed, over the last twenty plus years, in supporting the Royal Navy as they have evolved and adapted their use of deployable systems and infrastructure by utilising containerised systems. Working with many of the leading providers of equipment systems and platforms to the Royal Navy we have integrated complex systems and facilities into transportable container based solutions. Whilst we continued to maintain and

“By applying our greatest thinking, resource and effort we will realise the greatest gain”

Second Sea Lord, Vice Admiral Nick Hine

support the Royal Navy Forward Support Units (FSU) we were awarded the contract to deliver the first of the next generation of Navy PODS: Persistent Operational Deployment Systems. These were delivered successfully as part of a fast paced and agile or “scrum” development process working with a prime system integrator. We are proud to be an integral part in the initial stages in the delivery of the concept of a “plug and play” warship to add adaptability and versatility to the Royal Navy



and how it could further embrace autonomous technology.

We continue to work with other local and international organisations to bring future military concepts to reality on both land and sea.

g3-systems.co.uk



Maritime

Maritime is a strong sector in defence led by primes BAES, QinetiQ, Atlas Elektronik UK and Ultra Maritime. There is significant capability in the maritime sector for defence in Dorset with underwater sensors and signatures, autonomy, composites, electronics, digital and processing. There is also an extensive coastline adjacent to MoD ranges where current and future capability can be tried and tested. The total value of the maritime sector in Dorset is in excess of £480M with over 1600 employees.



© 2019 ATLAS ELEKTRONIK UK



Case Study



ATLAS ELEKTRONIK UK (AEUK) are world renowned for their innovative maritime systems, including their autonomous minesweeping system which is used by the UK Royal Navy. Having been awarded a 5 year agreement to deliver autonomous minesweeping systems in Jan 2021, and a further contract to deliver minehunting autonomous underwater vehicles (AUVs) to the Royal Navy in April 2022, AEUK's facilities at the Dorset Innovation Park and Portland Harbour (Bincleaves and Portland Marina) continue to provide excellent support for the development and deployment of maritime autonomy.

Deployed from ARCIMS autonomous uncrewed surface vessels (USVs), AEUK's autonomous minesweeping system is a state-of-the-art capability that enables the rapid countering of maritime mines, assuring safe passage for Royal Navy and commercial ships. By removing Service personnel from the minefield, the system protects lives and offers a step change in tempo for mine countermeasures (MCM) operations.

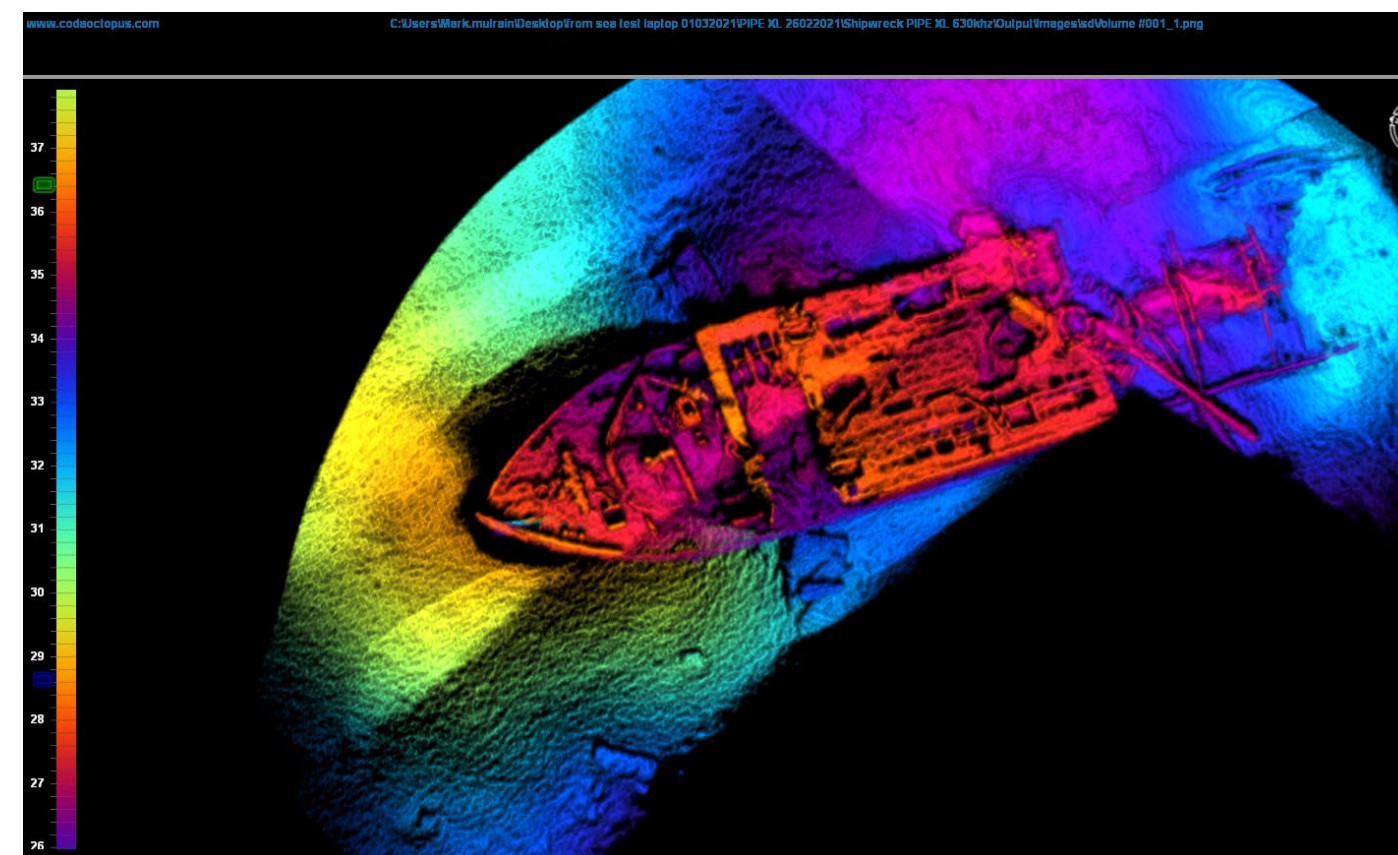
The minesweeping system has been rigorously evaluated by the Royal Navy's Maritime Autonomous Systems Trials Team in a range of environments and conditions. The system

provides a world-leading minesweeping payload, benefitting from the flexibility of deployment from a USV. The whole system is fully transportable by road, air and sea, enabling rapid deployment and operation worldwide.

Additionally, AEUK are delivering three AUVs with each autonomous minesweeping system to the UK RN, to facilitate autonomous minehunting operations that can be launched from an ARCIMS USV or from shore. The AUVs complement the sweep capability, expanding the number of tools available to the UK RN in the mine countermeasures toolbox. The contract also sees the provision of a comprehensive programme of training and support.

AEUK has continually invested in the Dorset Innovation Park's facilities, increasing their footprint by almost 30% in the last ten years, constructing two major new buildings and leasing additional space on the park. This commitment to the local area provides a secure basis for future employment opportunities, which is bolstered by outreach programmes with local schools, colleges and universities.

uk.atlas-elektronik.com



Case Study

Coda Octopus Martech's unique and world-leading 3D sonar technology, Echoscope™ generates high-resolution images of subsea scenes in real-time. This patented technology is already adopted for commercial underwater construction and maintenance, as well as defence and security. Applications include:

- Autonomous vehicles
- Offshore renewable energy
- Defence diving operations
- Marine infrastructure development
- Port and harbour security
- Geophysical and environmental mapping

Generating instantaneous high-resolution 3D images, 3D sonar provides real-time subsea vision for autonomous vehicles resulting in unprecedented navigation and obstacle avoidance capabilities. Coupled with AI, real-time 3D sonar can enhance robotic platforms



beyond autonomy enabling the creation of highly sophisticated 'Smart Vehicles' with the potential to automatically undertake routine inspections, safeguarding infrastructure.

With unmanned and autonomous vehicles predicted to take over many routine tasks in the future, 3D sonar is forecast to be a critical tool, enabling autonomous sub-sea and surface vessels to safely navigate in hazardous waters.

Given the anticipated growth in autonomous technology, Coda Octopus Group is looking at how it can expand its capabilities and offerings from its engineering base, close to Portland Harbour.

martechsystems.co.uk

Digital

BAE Systems Christchurch lead the charge in delivering digital capability to UK MoD and they are well supported by a supply base valued at over £400M. This is underpinned by a vibrant and future proof workforce of over 470 personnel developing and maintaining the skills required to keep pace with the rapid growth and innovation in the digital sector. Bournemouth University and Arts University Bournemouth bring a stimulus of intellectual capital to the digital community both in terms of scientific thought and developing the future workforce. Dorset is at the heart of the digital revolution from innovative scientific concepts to large scale systems.

Case Study

BAE SYSTEMS

At BAE Systems, we provide some of the world's most advanced, technology-led defence, aerospace and security solutions across the air, maritime, land, cyber, space and digital intelligence domains. We employ a skilled workforce of 90,500 people in more than 40 countries, and pride ourselves on having

an inclusive global corporate culture that is performance-driven and values-led. As a business, we work with customers and local partners to develop, engineer, manufacture, and support products and systems to deliver military capability, protect national security and people, and keep critical information and infrastructure

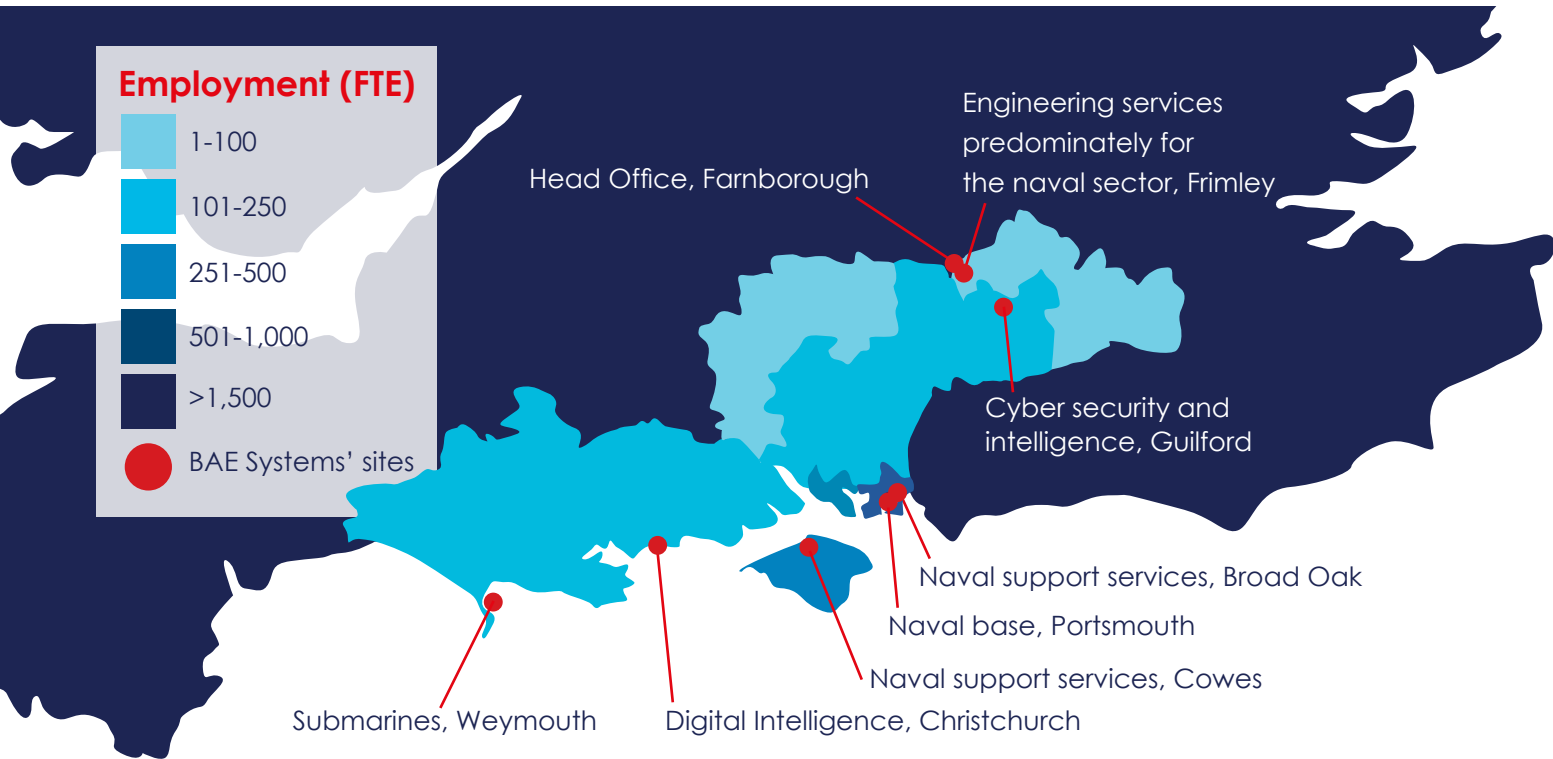
secure. In short, our purpose is to serve, supply and protect those who serve and protect us. Our teams have immense pride in what we do as a business and a collective rigour in how we do it. Our ethos is to put people above profit, ethics above outcomes, and safety above everything. Our commitments are plentiful and include delivering on:

- National security
- Education and training
- Economic prosperity
- Sustainability
- Good governance
- SME ecosystems

In Dorset, our workforce of 470 is spread across sites at Weymouth (80), Dorchester (70) – where we provide Maritime Command & Control Systems – and Christchurch (320), where we provide multi-domain communications capabilities. We specialise in finding engineering solutions to complex local and geopolitical problems spanning the defence and security industries. We use cutting-edge technology and relentlessly

seek innovative solutions to today's challenges, enabling us to respond to customers' requirements and address problems sometimes before they are even identified. Through our continued investment in our people, we are able to provide greater agility and global reach, while producing advanced technology products and services that deliver on our national security commitments.

baesystems.com/en/home



Case Study

Telesoft deliver high-rate cyber security and telecoms solutions to governments, telcos and the defence market.

Innovative capabilities help protect national critical infrastructure, organisations, and networks from the growing and evolving cyber landscape. Organisations across the globe rely on the Telesofts carrier scale monitoring, visibility platforms & threat hunting to help them stay one step ahead of adversaries.

Design of FPGA based hardware accelerators for high-rate data processing of up to 1 terabit per second within an appliance.

Data lakes ingest enriched metadata for big data analytics, allowing users to query, visualise, and discover data trends.

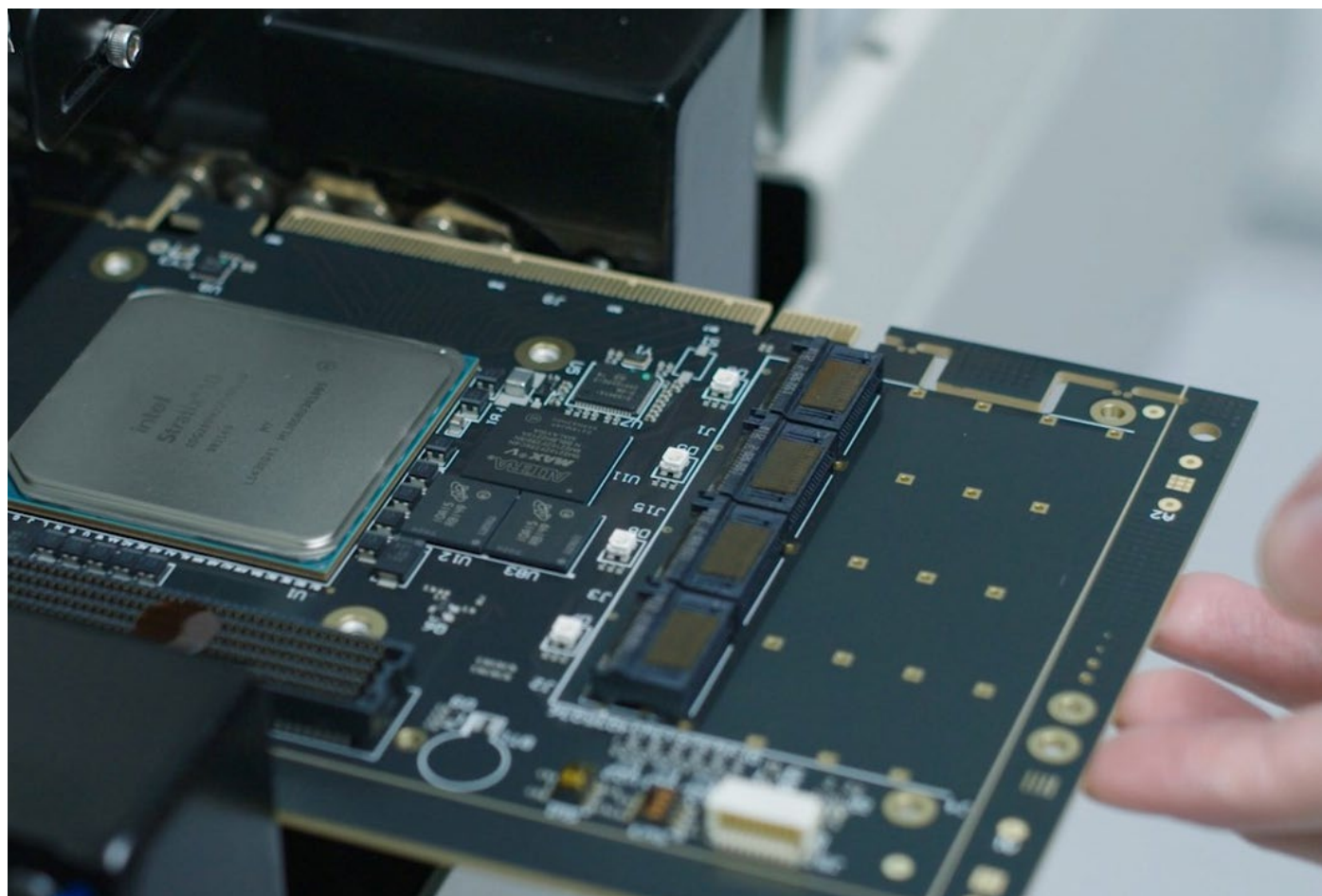


Suite of threat detection tools automatically detect and alert customers to unexpected activity.

Products based on bespoke PCIe cards, designed and manufactured by Telesoft R&D division at the onsite SMT facility, based in Blandford Forum, Dorset.

Telesoft's products are deployed globally, monitoring and analysing 10s of petabytes of data, to keep the most important internet backbones safe and ensuring businesses both in the UK and abroad maintain connectivity and security."

telesoft-technologies.com



Defence Consultancy

The intellectual capital that comes with the consultancy sector completes the package of a world leading defence and security eco-system in Dorset with well-established companies such as Frazer Nash and BMT offering advice in safety, design and innovation to the end to end engineering services provided by KDC projects.



Case Study

KDC Projects is an end-to-end engineering services provider backed by deep technical expertise, established methodologies, and technology application. We aspire to drive innovation in the solutions we provide for customers in their research and technology, product development and sustaining programmes.

Our mission is to be an innovative solution provider, delivering exceptional value by being accountable for our deliverables and flexible in our approach.

We work with some of the top OEMs and First Tier suppliers in Aerospace and Defence engineering companies across the UK.

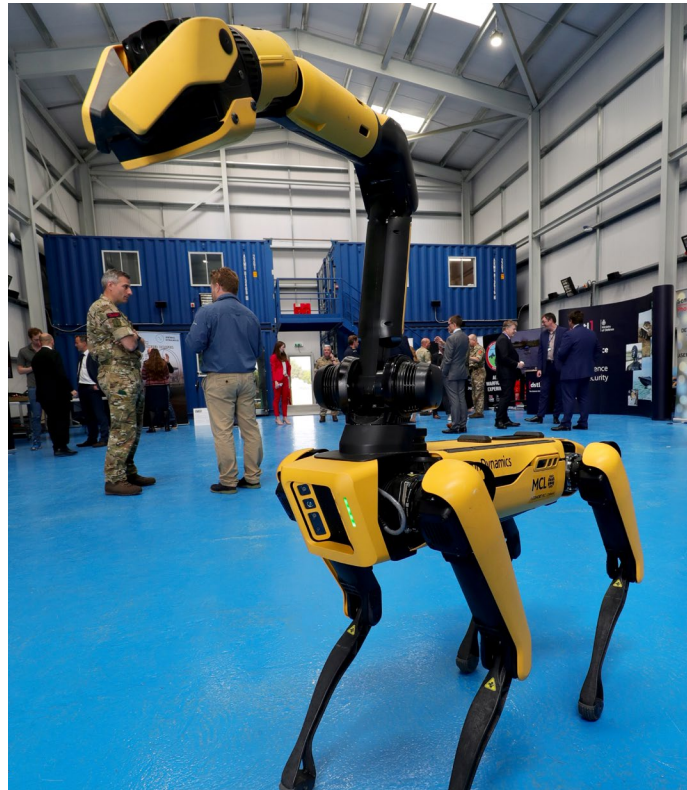
Using our extensive expertise we have adopted a systems-led approach to provide innovative solutions for all our clients.

Our engineering foundation is built upon high calibre employees who deliver pioneering solutions to a diverse industrial customer base.

kdcprojects.com



Case Study



Located at Dorset Innovation Park, the Ministry of Defence has joined forces with Dorset Council and Dorset Local Enterprise Partnership, to open the first of its kind in the UK, the Defence BattleLab.

The facility is home to end-users from different trades and specialisations across Defence; people placed to help collaborators navigate the MoD and make engagement more accessible. BattleLab seeks to enable exciting and creative collisions and connections, bringing the right minds together to solve challenging problems and emerging threats.

Technology is advancing at an unprecedented rate, accelerated by the convergence of 5G, artificial intelligence, machine learning and quantum computing. By being transparent and willing to work more collaboratively, Defence aims to keep pace and remain competitive in a changing world. BattleLab is the defence innovation Co-Creation Space, part of the government's National Strategic Technology and Innovation Exchange (NSTIX) programme.



The programme was established to enable innovative development and prosperity opportunities by bringing parties to the table that would not normally be involved.



Benefit from hot desks, breakout rooms, conference facilities, event space and places to make, test and trial solutions. Book facilities that work for you, including short-term community hot desks or a more permanent dedicated desks.

army.mod.uk/our-future/battlelab



Dorset and the South West of England presents a key opportunity to benefit from the unique capabilities of the UK's largest maritime cluster and provide solutions across growing industries. The award of a High Potential Opportunity in Marine Autonomy by DIT highlights the emerging opportunity for Dorset based businesses to design, test, validate and manufacture marine autonomous systems in the UK's largest maritime cluster; meeting growing demand across unique early adopter



sectors including Offshore Renewable Energy, Defence, Aquaculture and Shipping:

<https://www.dorsetlep.co.uk/userfiles/files/Marine%20Autonomy%20HPO/HPO%20Marine%20Autonomy%20reformatted%20FINAL.pdf>

maritimeuksw.org



The SWRDSC is the first pan-Defence and Security cluster in the UK. It forms a collaboration led by industry and academia with the support of government and its ministerial departments such as the MOD and its innovation directorate, and the Defence and Security Accelerator (DASA).

The cluster seeks to aggregate and raise the profile of regional D&S capability to stimulate greater sector knowledge, business, economic growth and productivity across the South West region. It will attract businesses of all scales with an interest in D&S to deliver new sector and cross-sector capability. It aims to apply a 'Team UK' approach to enable more joined up working between industry, academia and government, providing an efficient and accessible route to industry curation and the region's D&S value chain.

southwestrdsc.co.uk



Electronic Engineering

Dorset is strong in electronic engineering and has enjoyed an excellent reputation for well-established high tech quality engineering which underpins the other key domains of aerospace, maritime and digital. This includes safety, design, test, manufacture and production with a breadth of capability in companies such as Trident Maritime Systems, Curtis Wright, Amfax and KDC projects. With a value of over £80M the sector employs over 1400 highly skilled engineers and business support staff.

Case Study

ULTRA | CEMS



Ultra Electronics CEMS Limited is based in Weymouth and has been providing safety critical, high reliability Contract Electronics Manufacturing Services (CEMS) to the Defence, Aerospace, Oil & Gas, and other harsh environment markets for over 60 years.

As a AS9100 and NADCAP accredited business, Ultra CEMS highly experienced staff offer a broad range of contract Printed Circuit Board assembly services, including Design for Manufacture (DFM) and Design for Test (DFT), Rapid prototyping, Complex Surface Mount assembly, Conventional Through-hole Technology, Specialist Coatings (including Parylene) and complex Testing including, Flying Probe, ATE, bench test, JTAG, PXI, Environmental Stress Screening (Nitrogen), Vibration and PROM programming.

Working with our Engineering team from an early stage in the design life cycle, we offer the customer advice on design optimisations to aid manufacturability as well as reduce costs by ensuring the design is suitable for automated



processes, resulting in any potential design changes being carried out before the first production run, therefore reducing the number of design cycles. Not only helping to reduce time to market, but also ensuring greater efficiency and yields in production, which will result in a reduction in cost throughout the entire lifecycle of the product.

As well as the design of the product, in today's challenging market of ever longer component lead times, we provide advice on purchasing strategies and inventory management to support the lifecycle of the product as well as the short-term demand. The experienced procurement team are on hand to provide this support, as well as offering advice on the health of the Bill of Materials (BoM), such as, last time buys, End of Life (EoL) items and alternatives to surmount the required lead time.

ULTRA Electronics CEMS Limited has a proven capability in taking the most complex of products and implementing a robust production process to meet the most demanding customer requirements.

ultra.group/cems

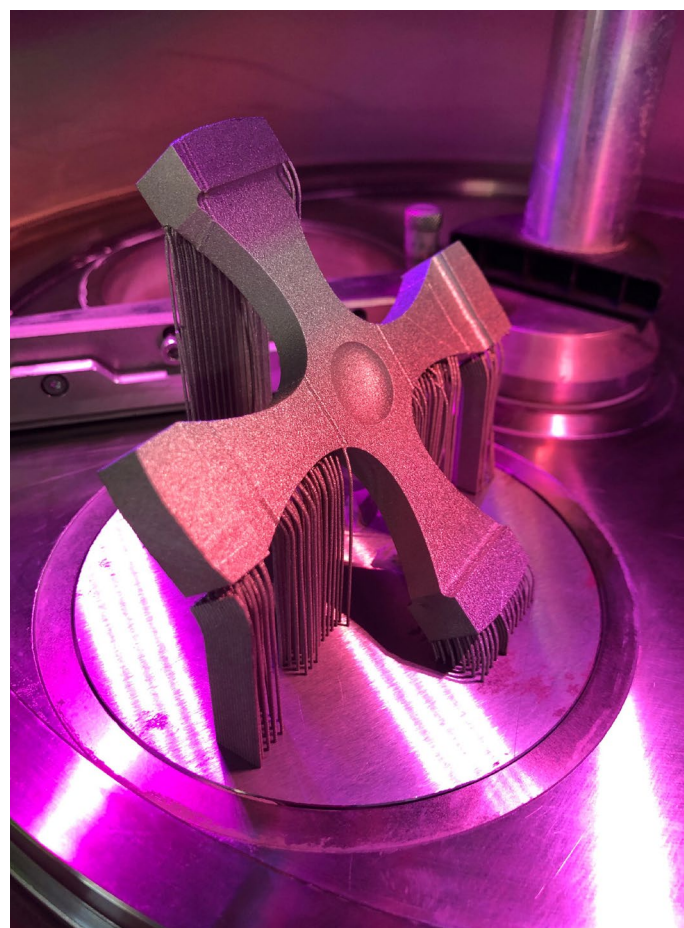


BU's world-leading researchers are working in many of the areas that underpin defence and security priorities for the nation. Design and engineering, computing and informatics, cyber security, disaster management, creative technology and life and environmental sciences are all areas of research strength and where future graduates are exposed, educated, and encouraged to develop new ideas and concepts that stand them out as attractive potential employees in the defence and security sector. Supported by investment in cutting-edge facilities, the university works across these sectors through research, education and practice to help governments, organisations and individuals prepare for and recover from crisis. Investment plans in simulation and visualisation, material science and assistive technology will ensure that graduates keep pace with the future. One such example is the ADDISONIC research cluster looking at advanced manufacturing ultrasonic fatigue prediction and life extension of materials, which identified a need in a market set to grow to £11.4B by 2030. This initiative has the potential to save between £9K and £46K for each ultrasonic fatigue test and can help businesses think sustainably about the materials they are using. Other important work strands in materials include Graphene, flexible and self-healing materials and energy storage.

bournemouth.ac.uk



Cyber Security - Credit Bournemouth University



Addisonic - Credit Bournemouth University

ARTS UNIVERSITY BOURNEMOUTH

AUB's Innovation Studio operates as a lab for creative technologies research and provides a hub for industry R&D projects. It is a nucleus for start-ups and regional enterprises, with a focus on collaboration, high-skills development, entrepreneurship, research, and prototyping.

Our research strengths include applied creative technology, user centred UX design, design thinking and materials research. Our exceptional workshops have capabilities from high tech to traditional prototyping, for example we have a VR suite with body and face scanning using the latest in digital visualisation and 3D additive manufacturing alongside extensive workshops with more traditional kit such as sculpting, spraying, casting, printing and machining processes.

Our research team works collaboratively with companies in the developing the design brief, identifying user needs and product evaluation, helping to develop their design and manufacturing strategy utilising our extensive 3D additive manufacturing kit and 3 and 5 axis CNC machining stations, giving the Innovation Studio great capability to help companies design, build, test and evaluate their products, such as the work with prosthetics aimed at supporting military veterans (see image below).

With strength in creativity, AUB can bring fresh new perspectives and capabilities to R&D development projects, for example, research using our full body 3D scanner can transform a figure using our 3D design software to create a unique avatar, allowing customised garments to be viewed in VR alone, or taken forward to make a full product using our equipment, such as; digital loom, digital printing and our traditional workshops, giving scope to support a wide range of R&D projects with AUB, well suited to the development of military, or extreme environments clothing and equipment, with material testing capability using our new climate chamber able to test temperature and humidity cycles of prototypes.

Our Associate Programme supports established businesses with support through access to expertise and extensive equipment, AUB welcomes projects from companies working in the marine and defence industries, helping to drive new growth for companies through research and development.

aub.ac.uk



Prosthetic leg



CNC Machine



Preparation for Military Service - Level 2 Diploma

The Level 2 Military Preparation Course (MPC) is designed to provide a clear insight into military life and the necessary skills to pass all the Tri Service selection processes. The course achieves this through a variety of activities such as team building, military skills, fitness training and outdoor adventure pursuits. This course focusses on fitness, team working and provides students with the necessary skills to go through the first stages of the armed forces recruitment and training with maximum confidence and competence.

During the course students get hands-on experience at a variety of military camps and training venues and by participating in three multiple day combat exercises with the rifle regiment. This course will help learners develop personally and socially and teach skills transferable to other courses and careers.

kmc.ac.uk



Level 3 Foundation Diploma in Military Preparation

This one year intense Level 3 Foundation Diploma in Military Preparation is designed to provide the skills and understanding of what is required to join the military. This course would suit someone who is looking to enter into the military services after one year of studying and will give you a clear insight into military life and the necessary skills required to pass all the Tri Service selection processes. This course is a combination of academic, practical and vocational studies and all students will take part in a variety of activities such as team building, military skills, fitness training and outdoor adventure.

This one year of study will be focussed on military knowledge and will include enrolment in the Kingston Maurward College Combined Cadet Force. You will experience hands on delivery by participating in military camps and receiving training from different regiments within the military services, and through fitness training and personal development this course will provide students with the necessary skills to complete the first stages of the armed forces recruitment training.

kmc.ac.uk



Preparation for Military Service - Level 2 Diploma

This course is a practical, work-related course where students study the BTEC Level 2 Diploma in Public Services qualification. Students learn by completing projects and assignments that are based on workplace situations, activities and demands. Learners spend time learning both in and outside of college to gain a greater understanding of the military services and have the opportunity to meet with a range of employers for progression into a Military career. Students gain the knowledge, understanding and skills required for success in current and future employment, or for progression to higher level courses. This course will be delivered

in combination with the Preparation for Work in the Uniformed Emergency Services course to give students the overview of both career pathways.



Volunteering at the Veteran's Hub



The British Army's visit to us

weymouth.ac.uk/courses/preparation-for-military-service-level-2-diploma/

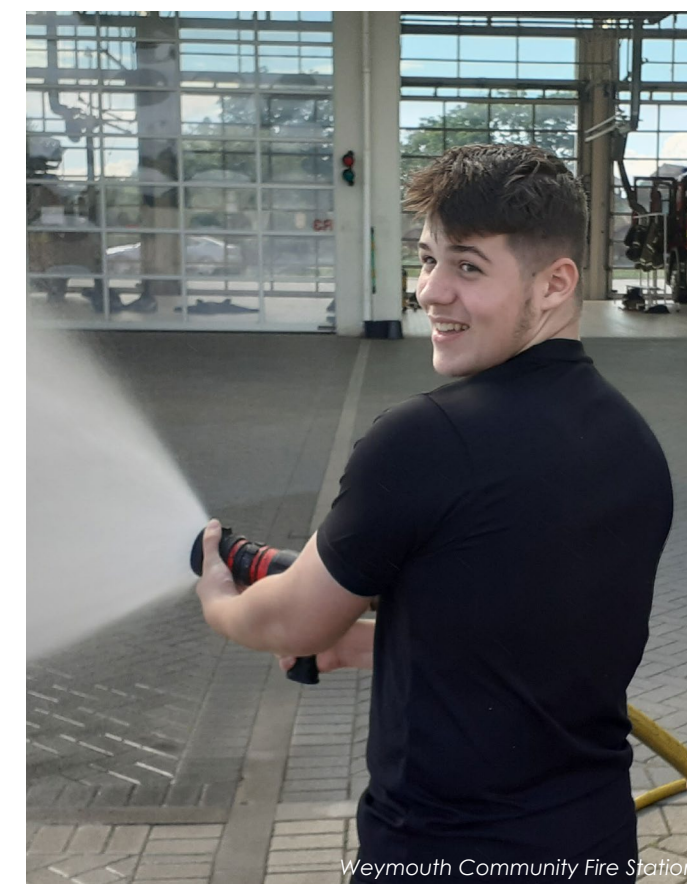


HeliOps Portland

Uniformed Protective Services BTEC Level 3 Extended Diploma

This course offers a range of diverse and exciting opportunities. This qualification has been developed to meet the needs of a broad spectrum of public service areas from uniformed roles in defence, emergency, security and justice, to non-uniformed roles in central and local government, as well as related voluntary and private sector agencies. Students gain a wide range of transferable skills needed for public service employment and have the opportunity to be involved in taster sessions, trips and visits. There will also be a programme of guest speakers. Students gain the knowledge, understanding and skills required for success in current and future employment, or for progression to courses such as BTEC Higher Nationals, Foundation degrees or Honours degrees.

weymouth.ac.uk



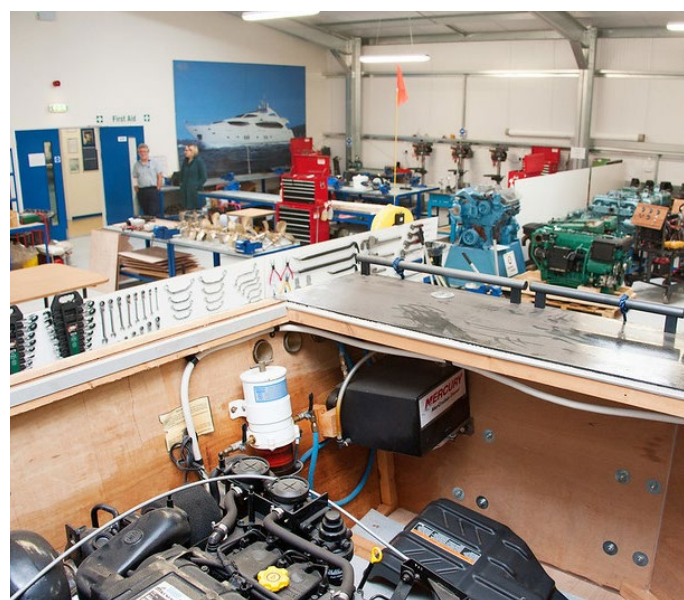
Weymouth Community Fire Station



Level 2 Diploma in Maritime Studies

The main purpose of this qualification is to develop skills and knowledge in the Maritime Industry and prepare students for the next stage of training or working in Industry including in the Armed Forces. Students could move into an apprenticeship in either a Marine, Automotive, Aviation or Engineering Industry as the skill set gained is so comprehensive it leads to all of these different options. Alternatively, using the underpinning knowledge learnt could enable students to progress to an HNC/D in Nautical Studies, Marine Engineering, a degree-level apprenticeship or a Cadetship. This will be a part of the student's journey to qualifying as a junior officer (deck, engine or electrical) in the Merchant Navy. This qualification delivers the underpinning knowledge needed to meet the nationally recognised standard for the role of deck officer and so provides a sound basis for working in the industry.

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BTEC Preparation for Public Services Level 2

This course is intended to give a good introduction to a career in any of the uniformed services such as the armed forces, the ambulance service, the fire service, the police, the prison service and Customs and Excise. The Public Services have their own selection procedures and successful completion of the course prepares students for entry as well as progressing to the L3 Public Services qualification. Students develop vital skills such as teamwork, communication, leadership, discipline and respect and should be prepared to develop as individuals.

Students will be required to work on academic assignments, fitness, teamwork and leadership together with a genuine interest in participating in sport and outdoor pursuits.

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Support Packages

Companies locating to Dorset can take advantage of a comprehensive support package available through the Invest in Dorset Team.

Find out more at: dorsetlep.co.uk/invest-in-dorset

- Free bespoke commercial property searches including location advice, property viewing and familiarisation visits
- Introductions to legal, financial, commercial property specialists and their services
- Employment support - including labour market information, introduction to recruitment and training partners
- International trade advice
- Information regarding Trading Standards
- A tailored introduction service to Dorset is offered to help meet the requirements and relocation of staff and families
- Funding and assistance available within Dorset
- Business advice and networking
- Business mentoring
- Dorset Gateway provides local business information

Invest in Dorset Team

Invest in Dorset is a team of economic development professionals across Dorset dedicated to helping companies and investors identify investment or expansion opportunities in Dorset, ensuring they get all the support they need to be successful here.

Find out more at: dorsetlep.co.uk/invest-in-dorset



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