

FINMECCANICA IN THE UK

SOLUTIONS THROUGH TECHNOLOGY EXCELLENCE

2012



FINMECCANICA



PROVEN PERFORMANCE.
WORLDWIDE

A world-class advanced engineering company, Finmeccanica in the UK is committed to delivering winning, cost-effective solutions in the defence, security, cyber and space sectors.

Balancing our global reach with sustained investment in our UK centres of excellence, we are focused on responding to the needs of Government and on the opportunities for exports.

We work closely with our customers to ensure that the delivered capability meets the requirement. We ensure that entry into service is to time and cost, and that maximum value and performance is achieved throughout the life of each programme.

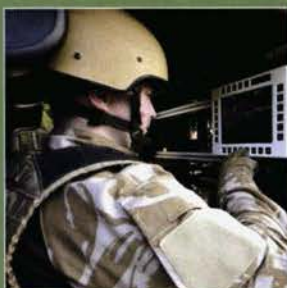
“In meeting our obligations to UK defence and security, Finmeccanica is also giving full backing to the Government’s growth agenda, applying our technology and skills to provide best value solutions to our UK customers and contributing to Britain’s export success in equally competitive overseas markets.” Sir Kevin Tebbitt Chairman, Finmeccanica UK

We recognise that we also have a duty to sustain our national, on-shore industrial capabilities that support the UK Armed Forces in the tasks the Government calls upon them to perform. We thus seek to guarantee that they retain the freedom of action and operational advantage that is critical for mission success.

With sales in excess of **£2bn** in 2011, including **£700m** of exports, we make a significant contribution to the UK economy, employing **9,000** highly skilled personnel across the country.

Our sustained investment in the research, technology and skills base helps to keep the UK at the cutting-edge of advanced manufacturing and innovation.

We are committed to applying best practice in all that we do. This includes our relationships with customers; the development of our employees; the management of our supply chain; our interaction with universities and the education system; and in our wider role in local communities.



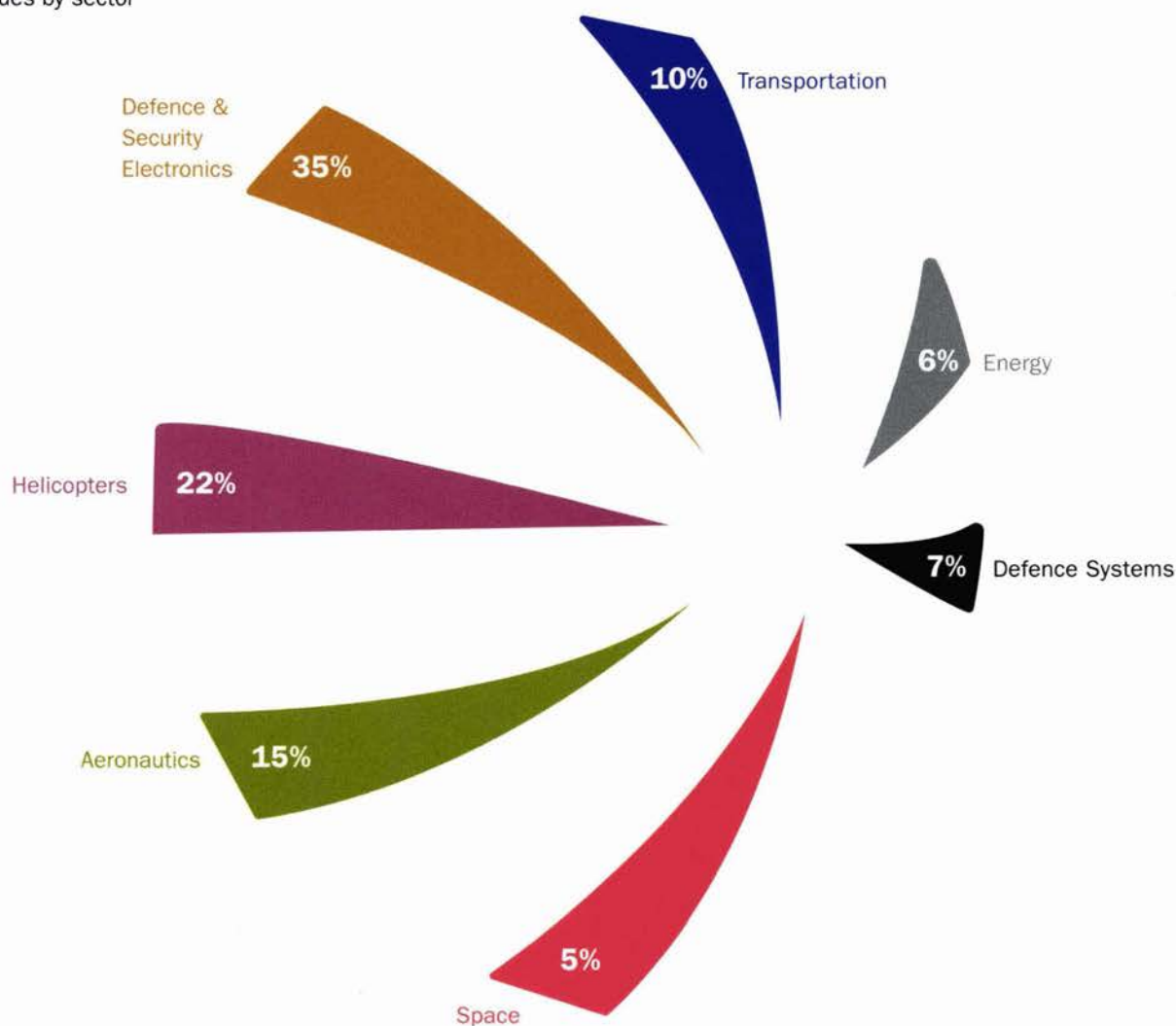
THE FINMECCANICA GROUP

The Finmeccanica Group operates globally in the aerospace, defence and security markets. It is one of the world's leading suppliers of helicopters, aircraft, aeronautics and defence systems, as well as European leader in space systems, security, cyber, transportation and power generation solutions.

The Finmeccanica Group worldwide employs over 70,000 people across five continents with 2011 revenues of €17,318m.

THE GROUP

Revenues by sector



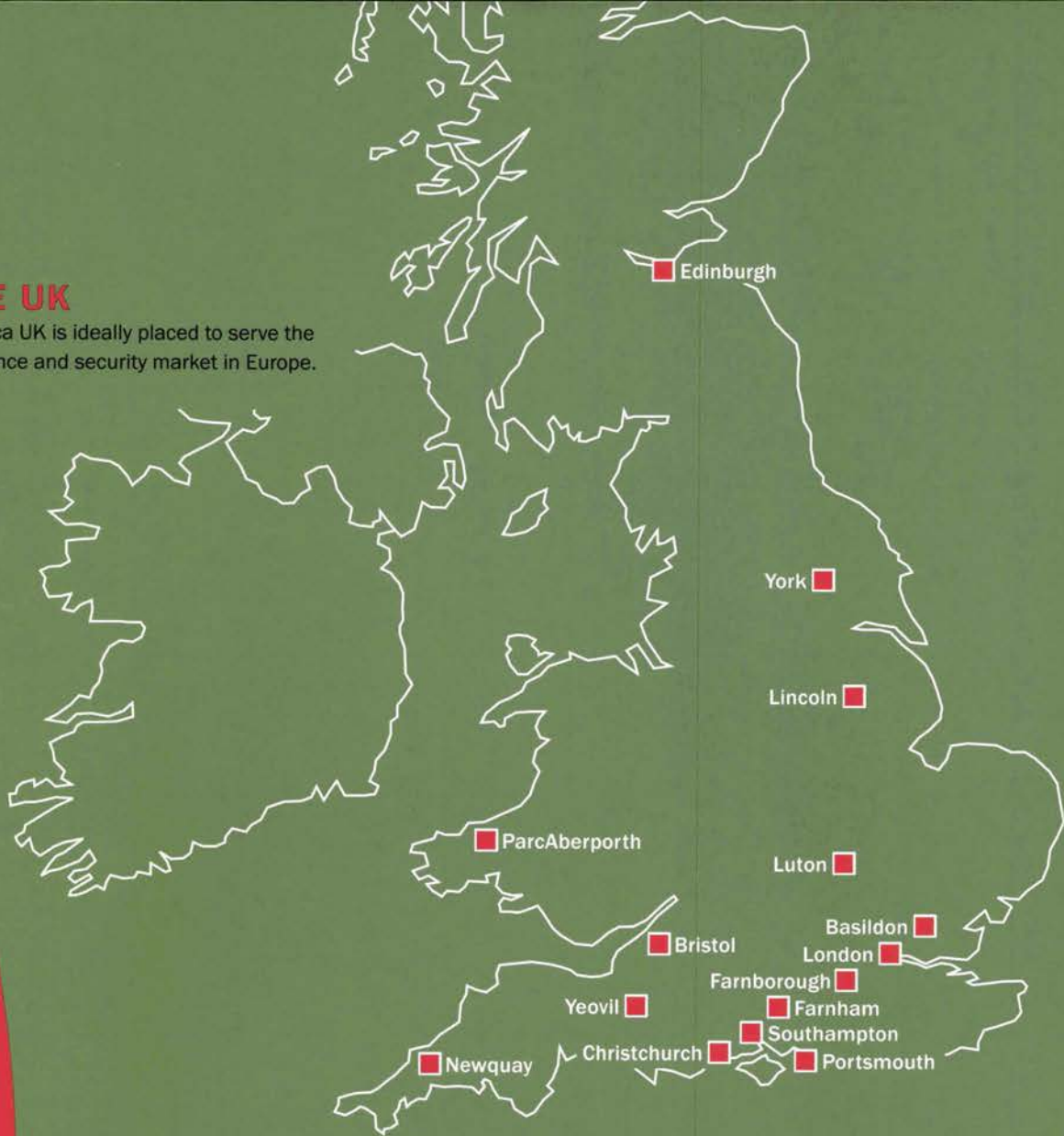
THE GROUP

2011

Revenues	€17,318m
Orders	€17,434m
Order backlog	€46,005m
R&D	€2,020m
Headcount	70,474

IN THE UK

Finmeccanica UK is ideally placed to serve the largest defence and security market in Europe.



FINMECCANICA UK VALUES FOR EXCELLENCE

- We work together with our customers and suppliers to build **close and enduring relationships** based on a transparent understanding of our respective aspirations and challenges.
- We take pride in the technical versatility and depth of our science-based organisation and its ability to provide **leading-edge solutions** for our customers.
- We are a **customer-focused** network of companies that strives to ensure that we understand what is required of us and how best we can meet and exceed expectations.
- In our complex markets, customers demand end-to-end solutions, so we are making through-life capability management a **value-for-money** reality.
- We recruit and develop talented and **skilled people** and share learning and models of best practice across the international group.
- We are firmly committed to our **corporate responsibility** agenda and take a proactive approach to sustainable procurement and business ethics, based on the key principals of **Integrity, Professionalism, Responsibility, Loyalty, Fairness and Commitment**; we cultivate a culture of safety and community development, as illustrated in our corporate responsibility brochure.
- Above all, we continue to invest in the UK and are committed to **excellence through innovation**.

"With defence budgets under pressure across our traditional markets we are reshaping our business model to expand our footprint in the security and commercial sectors, in the UK and elsewhere in the world. We are leveraging our extensive UK based know-how to continue to deliver best value solutions to our customers, while maintaining our strong track record in delivery performance. Excellence is at the heart of what we do."

Alberto de Benedictis Chief Executive, Finmeccanica UK

EXCELLENCE THROUGH INNOVATION

Our leading position in the UK as a world-class advanced engineering company is built on our sustained investment in Research and Technology and world-class facilities, helping keep the UK at the cutting-edge of innovation and advanced manufacturing.

Our competitive edge lies in the quality of our individual centres of excellence and their core technical expertise, combined with the collective ability to develop and deliver integrated systems and solutions. Our global footprint enables us to leverage capabilities across all our worldwide businesses.

We play a leading part in defence technology centres of excellence and nurture strong links with more than 30 major universities throughout the country, where we are involved in around 50 research projects.

Incremental technology insertion is at the heart of through-life capability planning and management. Our customers are facing unprecedented demands to respond to rapidly evolving challenges under constrained financial resources. Finmeccanica is fully committed to meeting these needs by developing cost-effective, adaptable and responsive solutions through a whole-life approach.

We believe that the success of capability management results from ensuring a comprehensive understanding of customer requirements as they evolve over time; establishing a partnered approach to support; and planning technology upgrades to ensure capability is optimally achieved through-life.

Our UK businesses rank among the top suppliers to the UK MoD in terms of performance on programmes and quality of the relationship. Finmeccanica prides itself on recruiting the very best. Our operating companies run flourishing graduate and apprentice schemes for over 400 trainees nationwide. The Finmeccanica National Apprentice Scheme has been given a glowing Ofsted report, with an overall grade of 'Outstanding'; and the company has received numerous awards for its pension schemes, including the Professional Pensions award for "Pension Scheme of the Year".



Finmeccanica in the UK was recently named one of Britain's Top Employers 2012. Independent research conducted by the Corporate Research Foundation (CRF) Institute found that Finmeccanica's employees benefit from outstanding human resource policies. The organisations examined were assessed against the following criteria: Primary and Secondary Benefits and Working Conditions, Training and Development, Career Development, and Company Culture. Finmeccanica received an exceptionally high score in the area of Training and Development.



Finmeccanica recognises that delivery of leading-edge capability requires working closely with an extensive supply network. Much of the work undertaken by our companies sees them focus their expertise on design, development, assembly, integration, testing and certification; this approach requires a robust and sustainable manufacturing supply chain which is rich in SME's.

Our attitude to partnering was recognised in 2011 when SELEX Systems Integration became one of the first companies to be awarded the new British standard for Collaborative Business Relationships (BS 11000-1:2010). The standard affirms the Group's policy of working with suppliers, clients and partners to build trust and be more competitive by achieving better cost management, better resource and risk management, and fostering innovation. In addition, last year SELEX Galileo's work in Edinburgh on innovation in laser development and continuous improvement with the supply chain was recognised for the second consecutive year with the prestigious Queen's Award for Enterprise.



It is crucial for our businesses to be able to leverage developments in new technologies, as they emerge. This often means working with small start-up businesses, university spin-offs, or specialist SMEs. We recognise that smaller enterprises can have limited resilience, capacity and cash resources and therefore we have designed our project and supplier management processes to help them through collaborative development processes, shield them from some of the project risk, and, on occasion, help protect their commercial viability. Our companies are founding members of the SC21 initiative in the UK which seeks to structure supply chains to encourage collaborative capability development activity, identifying and mitigating risk at the earliest opportunity.

HELICOPTERS

Finmeccanica is a total rotorcraft capability provider in the vertical lift market through its helicopter company AgustaWestland, delivering unrivalled mission capability to military and commercial operators around the world.

Integrated Rotorcraft Systems

In the UK AgustaWestland designs, develops and integrates helicopter systems that can be adapted to a wide range of government and military missions. In 2011 AgustaWestland in the UK began to expand its activities into the commercial helicopter market, with the launch of the new AW169 civil helicopter programme. Globally its products range from the SW-4 1.8-ton single-engine helicopter through to the 16-ton three-engine AW101 helicopter. Other platforms include the AW109 Power; AW109 LUH and GrandNew light twin-engine helicopters; the T129 combat helicopter; the new multi-role AW159 Lynx Wildcat and the bestselling AW139 medium-twin.



In December 2011 AgustaWestland completed the upgrade of 22 Lynx helicopters for the British Army on budget and three months ahead of schedule. The twenty-two aircraft programme was the result of Urgent Operational Requirement contracts placed in November 2008 and March 2010 to re-engine the Lynx Mk.9 helicopter fleet with more powerful CTS800-4N engines to give the aircraft exceptional hot and high performance in Afghanistan. The programme was described by the MoD Defence Equipment & Support's Director of Helicopters, Adrian Baguley as "a truly outstanding example of joint working between the DE&S Lynx project team and AgustaWestland."

AgustaWestland prides itself on developing and bringing to market leading-edge technologies. For the military utility market, the company is developing the AW149 and for commercial applications, including Search and Rescue, it is developing the new generation AW169 and AW189 helicopters which with the AW139 form a family of advanced helicopters covering the 4 to 8 tonne weight categories. The creation of a new VIP helicopter Completions Centre in Yeovil adds an extra dimension to AgustaWestland's capabilities in the UK as part of plans to diversify the business.

As a result of its unique capabilities in the UK, AgustaWestland is able to perform major upgrades and modifications to all the Ministry of Defence's helicopter fleets. The company is committed to delivering the rotorcraft capability required by the UK Armed Forces and was the first company to sign a Strategic Partnering Arrangement with the UK Ministry of Defence. Through its Integrated Operational Support contracts for the UK's Merlin, Sea King, Wildcat and Apache helicopter fleets, the company is delivering increased operational availability whilst driving down through-life support costs.



Leading-edge Technologies

In the UK, with expertise in design, development, production and integration, Finmeccanica supplies avionic suites; threat warning sensors; electronic countermeasures; latest generation Active Electronically Scanned Array (AESA) radars; and electro-optic sensors for complete rotary wing operation, awareness and protection. The AW159 helicopter is equipped with next-generation sensors and is the first helicopter in the UK to fly with the AESA radar. The smallest AESA surveillance radar, PicoSAR provides high-resolution SAR imagery and GMTI for small helicopters and UAS, and is now making significant inroads in the international marketplace.

Communications systems play a vital role in rotary wing operations, increasingly so in today's integrated land/air environment. SELEX Elsag provides a comprehensive high-capacity, secure, ground-to-air communications capability, together with a range of navigation products, including advanced landing systems and GPS-integrated sensors. The company also supplies operationally proven IFF equipment to identify friendly or hostile forces in the complex battlespace. The company is supplying IFF equipment for the new RN Carriers and advance satellite communications ground stations to NATO.

Complete Range of Training Solutions

Finmeccanica is also an established provider of professional training services to a wide range of military, commercial and industrial customers around the world. Building on core competencies in high quality rotary wing and military systems training, the company is committed to developing and expanding its training portfolio to meet both the current and future training needs of all of its customers. Military customers are assured of receiving highly effective training solutions, designed to meet their requirements for high levels of individual, team and collective performance. SELEX Systems Integration provides training systems to support the Medium Support Helicopters Aircrew Training Facility at RAF Benson. Commercial customers, including the emergency services, are able to benefit from investments made by AgustaWestland in training and integrated learning environments, developed to enable the full exploitation of the company's high performance aircraft.

In the UK, AgustaWestland has a Training Academy in Yeovil and an Operational Flying Training Centre at Newquay Cornwall Airport. Additionally, it provides training at Ministry of Defence sites for the Apache and Merlin and, in 2011, was contracted to design, develop and build an integrated training centre for the AW159 Lynx Wildcat helicopter.



SELEX Galileo plays a key role in UK Ministry of Defence rotorcraft programmes, with the Helicopter Integrated Defensive Aids System (HIDAS) protecting UK AH Mk.1 Apache and Wildcat helicopters. The Aircraft Gateway Processor (AGP), modified with HIDAS software, has been selected by the UK MoD to upgrade RAF Chinook and Puma Mk.1 helicopters, whilst the Titan 385ES-HD EO/IR turret has also been chosen by the Royal Air Force to upgrade the Chinook helicopter fleet. In addition, the company is the UK's major producer of Data Programming and Analysis Operational Support tools to the MoD.



FIXED WING

Across the world, Finmeccanica designs, develops, manufactures and supports a number of fixed-wing platforms and conducts the production and integration of their avionics and mission systems. This range of platforms is capable of undertaking roles such as air superiority, ground attack, tactical transport, and strategic and tactical surveillance. In the UK, the focus is very much on the design, development and integration of the enabling mission electronics, including communications, defensive aids, surveillance technologies and airborne radar.

The group also delivers the necessary training, support services and air traffic management infrastructure – providing complete, through-life capability.

Leading-edge Technologies

Based around its Centres of Technology Excellence, Finmeccanica companies in the UK possess world-leading technology in radar, electro-optics and night vision, secure communications, electronic warfare and self-protection. These technologies are pivotal to the capability of a modern combat aircraft. SELEX Galileo provides about 60% of the defence electronics for the Eurofighter Typhoon, delivering outstanding situational awareness through the Captor fire control radar, the PIRATE infrared search and track and the Praetorian defensive aids system, as well as mission critical avionics and the provision of simulation, training and logistics support.

The Eurofighter Typhoon successfully supported the international mission over Libya as part of Operation Ellamy and demonstrated its capability for missions 24-hours a day, seven days a week and in all weathers.

As well as the technology developed for the Eurofighter Typhoon, the electro-optical targeting system for the F-35 Joint Strike Fighter is based on technology developed in the UK.

Communications systems are crucially important in providing the connections needed in today's networked world. SELEX Elsag is Finmeccanica's centre of excellence in this field, providing satellite communications, secure radios and data-links. The company also supplies a wide range of navigational aids, including advanced landing systems and GPS-integrated sensors. Another example of innovation is its obstacle warning systems for low-flying aircraft that support safe operations in hazardous fast-jet environments. SELEX Elsag is also a leading supplier of the IFF equipment required to identify friendly or hostile forces in the battlespace.



SELEX Galileo's AESA solutions have been selected by 20 national and international customers, including the United States with the US Coast Guard operating SELEX Galileo Seaspray radar and two other agencies operating land and border surveillance missions. Across the world, the company's AESA radars are operated on a wide range of fixed and rotary wing and unmanned platforms, including aerostats. Significant success has been gained in the fire control radar sector where SELEX Galileo is in the full scale development for the Eurofighter Typhoon Captor E radar and has been selected by SAAB as the baseline for the Gripen NG fighter, with the integrated Raven ES-05 radar and Skyward G IRST.



With the growing requirement for advanced and unmanned aerial vehicle surveillance and intelligence continuing to grow, SELEX Galileo is developing a skylSTAR mission system solution that will provide advanced sensor capabilities and operational sovereignty to the customer. Building on the company's wealth of experience in all aspects of UAS, skylSTAR will be platform agnostic and suitable for multi-mission roles. Its flexible and adaptable architecture will accommodate a variety of sensor combinations and it will provide rapid interpretation of the data, delivering valuable and useful information at the right time.

Finmeccanica is also a global leader in Air Traffic Management (ATM) solutions developed by SELEX Systems Integration, with proven surveillance radars and navigation aids enhancing the safety and management of civil and military air space in over 150 countries. In addition to implementing radars across the breadth of the British Isles, the Group is also responsible for Post Design Services for the UK MOD's fleet of over 40 Operational Watchman Radars. The company is also part of the Fusion team currently bidding for the Project MARSHALL. This 22 year programme will provide long-term ATM capability for the safe operation of all the MOD's main bases, airfields and air weapon ranges in the UK and overseas, including those used for deployed operations.

Platforms

Finmeccanica's systems integration capability in the UK has its roots in our international manufacture of a broad range of fixed-wing aircraft. Our most advanced product is the Eurofighter Typhoon, a supersonic twin-engine aircraft, developed and produced in collaboration across four European nations. Through Alenia Aermacchi, Finmeccanica is one of the prime contractors in the Eurofighter Typhoon consortium. To prepare the pilots of the future for aircraft such as Typhoon, the company provides a family of training aircraft from turboprop platforms through to advanced/lead-in fighter trainers such as the M-346. As for support aircraft, the C27J Spartan, also designed and produced by Alenia Aermacchi, is the only medium tactical military airlifter designed to full military specifications.



The most complex area for the future concerns the development of Unmanned Aerial Systems. Finmeccanica, through Alenia Aermacchi and SELEX Galileo, has developed a family of UAS ranging from the large, medium altitude, long endurance 'Sky Y' platform, to tactical surveillance systems such as the 'Falco' and man-portable micro systems, such as the 'Crex' and 'Asio'.

As the reliability and longevity of extant platforms becomes more essential to support current and future operations, the training received by our armed forces needs to be exemplary. SELEX Systems Integration provides the total training solution for the UK Watchkeeper programme. The company also designs, develops and implements synthetic training programmes that enhance the knowledge, skills and aptitude of both aircrews and maintenance technicians while reducing costs and the burden on operational equipment. Those already receiving the benefits of such training solutions include crews responsible for Eurofighter, F-16 and Tornado.



LAND

Finmeccanica is a technology leader, meeting the demands of today's battlespace and understanding the importance of national security and resilience. Land-based threats come from increasingly sophisticated enemies; and the integration of sensors – including human intelligence – is essential for the provision of timely and actionable awareness of threats and friendly forces.

Our companies offer world-class capabilities, technologies, system and sub-system integration skills, and programme management and engineering expertise. The Finmeccanica Battlespace Solutions team, led by SELEX Galileo, brings together the skills and capabilities of Finmeccanica companies and our Enterprise supply partners in the UK to deliver effective, cross-group tactical systems solutions.

We protect, connect and support people operating in many terrains, often in difficult and hostile situations. Our land capability spans light and combat vehicles, dismounted soldier equipment, rotorcraft, UAS and tactical ISTAR. Our weapon sights and day & night vision systems are the choice of more than 20 armies worldwide and our advanced communications support over 40 allied nations in demanding theatres.

Tactical Situational Awareness

Users need the best possible coverage of their operating environment and to understand that environment at the lowest tactical level. This drives the need to bring sensor inputs together and interrogate them intelligently in order to enable timely and informed decision support.

The Theatre Network and Service Management provided by VEGA, enables the UK MoD and its NATO allies to monitor and evaluate the impact of network applications and the overall performance of strategic intelligence and information networks. This helps optimise the operational effectiveness and security of information superiority capability delivered in-theatre.

A multi-role, stand-alone system, OBSERVER, developed by SELEX Galileo, provides 360° day and night surveillance to mobile patrols and at fixed installations. Quick and easy to deploy and recover, OBSERVER is military off-the-shelf and ITAR free. Enemy fire can be detected by the Hostile Artillery Locating System, HALO, which is in service with the British Army and the US Marine Corps. Designed and engineered by SELEX Galileo, it has been deployed in urban areas and mountainous terrain, in deserts and in cities. It locates mortars and artillery with exceptional accuracy, reliability and speed by detecting acoustic waves.

Some of the most detailed and sensitive thermal images in the world are produced by Albion cameras. This technology, developed by SELEX Galileo in the UK, delivers significantly longer detection and identification ranges to the user, 24 hours a day, in all atmospheric and environmental conditions, on static and moving platforms. Software applications, such as Sentinel, developed by SELEX Elsag, provide tactical communications systems specifically designed to meet the needs of highly mobile subscribers and dynamic networks. Our workstations and displays, such as DRS Technologies' CTD10, are capable of operating in all vehicle architectures, providing standard or bespoke solutions for use in complex environments, such as tracked military vehicles. In addition the company has supplied and now supports over 10,000 rugged computers in use by the British Army as part of the Bowman Programme.



The Enhanced Encrypted Personal Role Radio (EZPRR), developed by SELEX Elsag, is a data-capable short-range communications soldier system extensively used in operating theatres, base protection, static observation points and convoy control. Users returning from active service describe the radio as having significantly improved operational effectiveness. The PRR has seen significant export success with over 400,000 systems exported to over 35 countries. New developments in soldier radio systems build on this pedigree.

Force Protection

Finmeccanica invests heavily in researching and developing capabilities to protect people, places and infrastructure, in military, urban and wider environments. We are all too aware of the threats from radio-controlled roadside IEDs to military personnel and civilians. Our operationally proven Guardian systems, designed by SELEX Elsag, exploit our radio frequency expertise to give the user electronic armour against these explosive devices. The system has been exported to protect forces from a large number of allied nations.

Answering the pressing requirement for route clearance solutions and convoy protection, SELEX Galileo has developed ACME (Automated Computerised Mobility Equipment). ACME is flexible and easy to install, completed in under two hours, and provides the ability to remotely control any vehicle using both visible and infrared vision systems and remote control.

In the land systems environment, we have a proven track record of meeting a broad range of military and security requirements. We work in partnership with armed forces, coalition and partner nations, and civil agencies to offer through-life, innovative capabilities.

At the UK MoD sponsored Generic Base Architecture (GBA) demonstration, Team CASTRUM led by SELEX Galileo demonstrated, explored and evaluated aspects of the emerging GBA standard within three Forward Operating Bases (FOBs) at three levels of command. Team CASTRUM adopted an architectural framework approach that underpins a tactical base and successfully demonstrated a complex system of systems that provided openness, modularity and agility. The scale of integration was particularly impressive with more than 50 sensor feeds feeding into the Level 1 Ops Room, and was reliably demonstrated throughout the event to over 200 customers.





MARITIME

Finmeccanica group companies are at the forefront of developments in surface fleet modernisation and maritime security. Our lead partner position in international collaborative programmes, such as the Franco-Italian FREMM Frigate, the Horizon Air Defence Destroyer and the recently launched Cavour aircraft carrier, provides us with a strong pedigree in complex naval development. Our experience gained through these programmes means we are able to offer expertise, products and systems to support the development and export of the UK's maritime capability: from the gun system on the bow, to the helicopter on the flight deck. This capability also covers combat systems engineering in weapons handling, communications, surveillance, protection, training and a global network for logistic support and maritime security solutions.

The recent evolution of gun ammunition provides an alternative long range precision engagement option where collateral damage and costs of missile engagements could be prohibitive. Oto Melara has pioneered the development of Vulcano and DART gun-fired guided ammunition, addressing the need for lower cost, precision engagement of static and manoeuvring surface and air threats. In July 2011, Italy launched the Admiral Carlo Bergamini, its first FREMM multi-role frigate which includes – combined for the first time – the 76mm Strales gun system with DART ammunition and the 127mm/64 gun system with Vulcano ammunition. The 127mm/64 Light Weight Vulcano gun is

served by a fully automated ammunition handling system, compliant with European Manual Handling legislation and producing significant resource savings by negating the need for personnel in the magazine. The new extended range Vulcano ammunition is now in production and work has started on the development of a 76mm variant to add to the 127mm and 155mm Vulcano family.





Courtesy of BAE Systems

Ship-ready Combat Management Systems

Drawing on SELEX Systems Integration's experience as Systems Design Authority for the Italian Navy, Finmeccanica is helping shape the UK MOD's Naval approach in the Naval Design Partnership. The company's pedigree for partnering with UK and Italian Government and Prime Contractors is helping to create a supply chain – inclusive of UK SME's, ship-ready European combat systems, UK sovereign technologies and the UK's best integrators and support businesses – that is fit for purpose and ready to deliver Availability Contracting. This approach will improve platform availability, reduce resource costs and drive improvements in logistics support solutions and operational training.

SELEX Systems Integration has proven modelling expertise through programmes that range from aircraft carriers, destroyers, frigates and patrol craft. This has led to significant reductions in the design phase effort and in training and support costs, through on-board diagnostic information and logistic support. The resulting data infrastructure, coupled with the combat systems, has demonstrated savings in acquisition and operating costs and increased competitiveness for successful international partnering.

VEGA's technical support specialists have an extensive track record working alongside the Royal Navy in the development and acquisition of its Warfare Operator training capability; most recently on the Maritime Composite Training System which began offering its full range of courses in August 2011.

SELEX Elsag has been selected to provide the communications system for the four new fleet auxiliaries under the Maritime Afloat Replenishment & Support (MARS) programme. In partnership with Thales UK, the company supplied the Fully Integrated Communications Systems (FICS) to BAE Systems for the Royal Navy's Type 45 Destroyers; and on-board mobile communications on the RN's new Carriers.

SELEX Galileo and DRS Technologies have unique UK expertise in sensors, surveillance systems, weapon control systems and precision laser guidance of missiles and gun ammunition.

UK Technology plus European and International Collaboration

Joint European collaborative programmes with Italy, Germany, the Netherlands, Spain and France include Oto Melara's advanced ammunition and guns systems. The Finmeccanica group is developing and evolving these technologies in partnership with other European and international industries and customers.

We aim to team with the best to develop the UK's expertise in integration and global support of the Royal Navy's weapon systems in order to provide flexible, proportionate and affordable responses to evolving global challenges. A Teaming Agreement with Babcock was signed on 4 May 2011 to offer the Oto Melara 127mm/64 Light Weight Medium Calibre Gun system for the UK's Type 26 Global Combat Ship.



SECURITY & INTELLIGENCE

Recent world events have demonstrated that Governments, businesses and individuals are increasingly at risk of having their activities disrupted by crime, piracy, terrorism, energy failure and natural disaster.

Finmeccanica provides security and national resilience solutions that help to mitigate the risks facing government organisations, critical national infrastructure and the underlying global economy.

SELEX Elsag and SELEX Galileo both provide a suite of sensors including biometric identity and vehicle recognition systems that monitor and protect against the threats of attack in public spaces. SELEX Galileo has been awarded its first contract for Nexsense C, a compact chemical detection and identification system. It is the world's first radiation free, UH-FAIMS (Ultra High Field Asymmetric Ion Mobility Spectrometry) system to be delivered as a compact, hand-held device.

Finmeccanica has a strong heritage in the development and delivery of integrated maritime security solutions including Vessel Tracking Management Systems; Counter Piracy capabilities; as well as Port and Naval Base Security Systems that encompass the full spectrum of security risk (sea, land, air, people, assets and freight).



The companies also deliver secure and resilient radio communications and real-time, high resolution video links that improve the operational picture.

Situational awareness is further enhanced by SELEX Systems Integration's information management and exploitation capabilities that fuse information from a wide variety of sources; providing security co-ordinators with a rich, comprehensive intelligence picture to manage the most complex operational landscape.

These sources are integrated with command and control and event management systems, provided by SELEX Systems Integration and SELEX Elsag, that continually monitor the data received, track individuals or vehicles, and identify threats and anomalous behaviour – ultimately directing the emergency services, law enforcement, or intelligence agencies to respond rapidly and effectively.

The secure information infrastructures provided by SELEX Systems Integration provides information sharing gateways that enhance interoperability across UK intelligence agencies, and to support multi-national and coalition security operations.

The tailored integration of these products and services has resulted in Finmeccanica taking responsibility for the safety and security of national borders (both air space and coastlines), major global sporting events, and international leadership summits for both the G8 and NATO.

CYBER

Identified by the UK National Security Strategy as a Tier One security risk, the threat of attack on the UK cyber space is one that hangs over every aspect of modern life.

Finmeccanica understands that cyber security cannot be achieved by technology alone. Effective information defence requires a change of culture and a comprehensive approach that covers people, an organisation's policy regarding what constitutes acceptable cyber behaviour, individuals' ICT equipment, the corporate ICT estate and the organisation's perception of risk.

For over 50 years the combined capability and sovereign knowledge of Finmeccanica has been at the forefront of secure information sharing and information assurance. Successfully integrating all its capabilities, the Group has created Finmeccanica Cyber Solutions, positioning itself as a trusted industry partner ready to transform the UK into a centre of cyber business and innovation.

As such, we provide a comprehensive range of solutions that enable us to: Detect – ensuring early warning of potential threats; Protect – safeguarding critical information infrastructure and assets from attack; Respond – limiting the operational impact of any cyber incident; and Deter – minimising the risk of attack.

Our capability extends to:

Providing Trusted Advice: The Group's CSEG accredited domain experts analyse the value of an organisation's information assets as well as their level of protection, before recommending the most effective and appropriate security policy and supporting technology.

Driving Economic Sustainability: Online business has contributed nearly 25% of the GDP growth over the last five years. Its potential to position the UK as an attractive home for foreign investors, will be a key factor in the nation's economic recovery. Finmeccanica offers a high quality but low-cost security managed service which is already supporting over 5,000 commercial clients worldwide. The service provides a level of information assurance which acts as a competitive differentiator in markets where brand reputation and service reliability are vital to an organisation's commercial success.

Reinforcing National Security: Finmeccanica secures high-grade information systems for those organisations working at the heart of the UK's national security and the likely targets of co-ordinated and persistent cyber-attacks. The ARCHANGEL™ actively managed security service, operates from a UK sovereign-based Security Operation Centre (SOC). It has been developed in order to meet the risk of the most complex and malicious cyber threats. ARCHANGEL™ operates at the complex end of the threat spectrum; providing 24/7 Protective Monitoring, in accordance with HMG Good Practice Guide 13, up to the highest level of risk (Defend).

Secure solutions such as these are helping government contractors maintain their security status and enable secure collaboration with our international allies.



On 29th February 2012, Finmeccanica Cyber Solutions, along with its partner Northrop Grumman, was chosen by the NATO Consultation, Command and Control (NATO C3) Agency to develop, implement and support the NATO Computer Incident Response Capability (NCIRC) – Full Operating Capability (FOC). The contract, worth more than €50 million, represents the first major investment in an internationally co-ordinated approach to cyber defence. Under the contract, Finmeccanica Cyber Solutions will provide an extensive managed service which will provide information assurance to around 50 NATO sites and headquarters throughout 28 countries worldwide.



SPACE

The UK Government views space as a key industrial sector and is supporting industry and academia to advance the UK's global position as a leading provider of space-related technologies and services. In 2010, UK industry and government worked together to propose an ambitious 20 year strategy to capture 10% of the estimated £40bn global space market.

Finmeccanica has a world-class portfolio of space capabilities, supporting satellite manufacturers and operators worldwide, having been involved in Earth Observation, Scientific Exploration, Telecommunications and Navigation programmes for over 50 years.

Through Telespazio VEGA, Finmeccanica offers a full spectrum of space technologies and services in the UK, including satellite systems and applications development, operations support, geo-information services and communication networks and connectivity. SELEX Galileo also designs and manufactures optical payloads, solar arrays and radio frequency equipment for both civil and military applications.

Finmeccanica is a key contributor to the UK Government's initiative to strengthen its space industry and is a founding partner in the International Space Innovation Centre (ISIC) at Harwell. As such, Finmeccanica is uniquely placed to help organisations develop long-term competitive advantage for the UK through the development and application of space capabilities.



Finmeccanica is performing a key role in monitoring the Earth's environment from Space. The Sentinels mission involves multiple Earth observation satellites, which carry sophisticated instruments for measuring variations in land and sea surface conditions, topography, temperature and atmospheric composition. Telespazio VEGA has been involved in the Sentinels mission since its early concept phase: supporting research activities developing image processing algorithm prototypes; and more recently, winning multi-million pound contracts to develop Payload Data Ground Segment systems. SELEX Galileo is responsible for one of the key sensors on Sentinel 3, which will measure the temperature of land, sea and air composition for environment monitoring activities. The Sentinel mission is part of the Global Monitoring for Environment and Security programme – a joint initiative between the European Commission and the European Space Agency.

ROTORCRAFT CAPABILITY PROVIDER

AgustaWestland's major UK facility in Yeovil employs around 3,300 people. The UK is also home to AgustaWestland's headquarters in Farnborough. The merger of Agusta and Westland in 2001 created a leading force in the helicopter industry, serving commercial and government customers world-wide.

The company's skills and resources in the UK are unique, with the ability to design, develop and manufacture complete rotorcraft and integrate their complex avionic and mission systems. It is also an industry leader in the provision of training services and through-life support solutions.

AgustaWestland's core capabilities include:

- Naval helicopters
- Military utility and battlefield surveillance helicopters
- Commercial helicopters
- Public service helicopters
- Integration of avionic and weapon systems
- Integrated operational support
- Training services and systems



RUGGED WHERE YOU NEED IT; WHEN YOU NEED IT

DRS Technologies in the UK is part of DRS Technologies Inc, a leading supplier of integrated products, services and support to military forces, intelligence agencies and prime contractors worldwide. DRS is the world's largest supplier of ultra-rugged computing, with major contracts both in the UK and USA.

DRS Technologies designs, develops, manufactures and through-life supports rugged and ultra-rugged computers, displays and associated peripheral equipment for demanding military environments. DRS's UK offices are located in Farnham, Surrey and Long Bennington, Lincolnshire employing 90 staff across a wide range of disciplines.

DRS Technologies UK's core capabilities include:

- Rugged and ultra-rugged computing for land vehicles, military aircraft and naval combatants
- Vehicle and platform electronics infrastructure
- Advanced vehicle crew stations and workstations
- Vehicle system integration
- Thermal imaging solutions for military vehicles
- Air EW threat testers and simulators



SECURE NETWORKING SOLUTIONS

SELEX Elisag is an established UK communications centre of excellence for secure networking solutions for military and civil customers on land, air, sea and joint domains. It enhances operational effectiveness through robust, leading-edge, future-proof solutions for today's data-rich, network-dependent world.

We draw upon our international group's proven experience in the fields of automation, defence, electronic systems, avionic systems, professional communications, Information & Communication Technology, logistics and mobility, and security. We offer a vast, multi-technology product portfolio to deliver advanced, secure, robust and future-proof communications solutions.

In defence, SELEX Elisag has benchmark capabilities in battlefield and secure communications, systems integration, cryptography, radio frequency engineering and special projects. In the civil sector, the business is successful in the Security & Resilience and professional communications markets. SELEX Elisag offers cyber security solutions and consultancy, with technologies and processes proven in major programmes both in the UK and overseas. It was recently selected to provide cyber security protection to NATO and its member countries.

SELEX Elisag employs 700 people across the UK and has a local presence at major UK ports, providing merchant marine communications services.

SELEX Elisag's core capabilities include:

- Secure networking solutions
- Cyber security & resilience products, systems and services
- Information Assurance and cyber protection services
- Improvised explosive device counter-measures
- Close combat communications
- Networked information infrastructures connecting land, sea and air domains
- Platform avionics systems
- Naval platform communication systems
- Identification friend-or-foe systems
- Civil marine maritime communications and safety



HELP THEM SEE, KEEP THEM SAFE

SELEX Galileo is a global leader in Defence Electronics and delivers mission critical systems for situational awareness, electronic warfare and surveillance. Across air, land and sea the company exploits its core skills in tactical ISTAR systems, avionics, sensors, defensive aids, tracking, targeting, navigation, command and control, and simulation.

In the UK, SELEX Galileo employs over 4,000 people across eight locations. The company's people are its greatest strength and are encouraged to reach their full potential, being recognised for their commitment and collaboration both internally and externally. SELEX Galileo is also proud to nurture and develop partnerships and collaborations with UK SMEs to deliver the best solutions for our customers around the world.

SELEX Galileo's core capabilities include:

- Sensors and solutions for complete battlespace awareness, protection and effectiveness across air, land and sea
- State-of-the-art detection and electronic warfare systems
- Surveillance mission systems
- Integrated avionics solutions
- Unmanned vehicle systems capability, from sensors to mission systems
- Support and service solutions
- Commercial sensor solutions



MANAGING COMPLEXITY, DELIVERING SUCCESS

SELEX Systems Integration is a dedicated Solution Architect and Systems Integration business. As the UK subsidiary of SELEX Sistemi Integrati SpA, the company represents a 4,500 strong organisation dedicated to delivering innovative, bespoke solutions for the Security, Defence and Transportation markets. The company has more than 50 years' experience in the integration of large and complex systems; delivering solutions that improve front-line capability, secure national borders, and protect the Critical National Infrastructure and international Major Events. Our capabilities include: the provision of air defence systems; networked Intelligence Systems; command battlefield management; integrated naval combat systems; land mission systems; air traffic control; and coastal and maritime surveillance.

SELEX Systems Integration also provides through-life technology-based training and simulation that deliver proven results for maintenance technicians, aircrews and UAS operators. The company has offices in Southampton and Bristol, close to the headquarters of MOD Defence Equipment and Support.

SELEX Systems Integration's core capabilities include:

- Integration of systems
- Sensors
- Robust command and control centres
- Training and simulation



SECURING THE FUTURE

VEGA is a professional services company that delivers technology-enabled change in complex environments, often where security and resilience are key. It offers independent, expert advice and pragmatic solutions to help customers meet their transformation challenges with confidence.

The company has over 30 years' experience delivering secure communication and information systems across the military, government, police and intelligence community. This domain knowledge and technological expertise, positions VEGA as a trusted partner for the most demanding cyber security and information management challenges both in the UK and on the front-line.

From its Bristol base, close to the heart of the UK's homeland and overseas security communities, VEGA provides a range of programme support and implementation services that improve operational capability and maximise return on investment for its clients.

VEGA's core capabilities include:

- Enterprise analysis and architecture
- Technology exploitation and business change
- Cyber security and information assurance
- Secure systems delivery
- Project and programme management



EXPERT ADVICE, PRAGMATIC SOLUTIONS

Telespazio VEGA is a highly experienced consulting, technology and engineering services business, which supports space agencies, satellite operators and manufacturers worldwide.

Founded and headquartered in the UK, Telespazio VEGA is an important exporter to the international space market, with operations in the UK, Germany, Holland and Spain and client sites around the globe. Telespazio VEGA is also a founding member of the International Space Innovation Centre (ISIC) at Harwell and a keen supporter of the government's initiative to create a Satellite Applications Catapult Centre in the UK.

As a subsidiary of Telespazio (a Finmeccanica / Thales company), Telespazio VEGA provides the full range of Telespazio capabilities to the UK market.

Telespazio VEGA's core **capabilities include:**

- Satellite Systems & Applications
- Satellite Operations Management
- Geo-Information Data & Services
- Networks & Connectivity



The image shows changes which occurred in London during construction for the 2012 Olympics Games using Multitemporal Color Composite (MT).

Telespazio built the entire ground segment for COSMO-SkyMed, one of the most innovative Earth Observation programmes which is managed by its subsidiary e-GEOS, created jointly with the Italian Space Agency.

COSMO-SkyMed © ASI processed and distributed by e-GEOS

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