

BUILDING YOUR
STRENGTH
FROM WITHIN



SELEX GALILEO

A Finmeccanica Company



BASILDON



EDINBURGH



LUTON



SOUTHAMPTON



CAMPI BISENZIO (FI)



CASELLE (TO)



NERVIANO (MI)



POMEZIA (RM)



PALERMO



RONCHI DEI LEGIONARI (GO)



SELEX Galileo Inc.
ARLINGTON, VA



HUNTSVILLE, AL



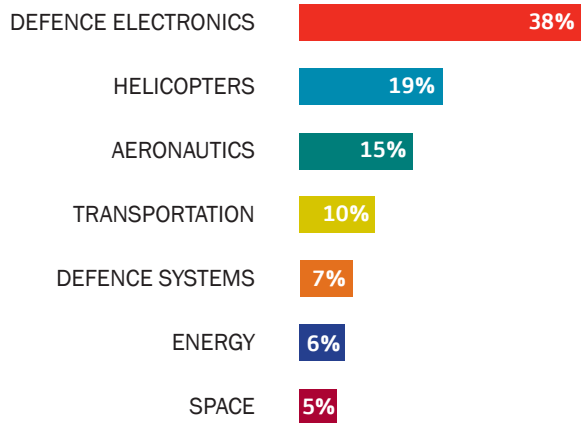
STENNIS, MS



LASERTEL Inc.
TUCSON, AZ

HIGHLIGHTS

FINMECCANICA REVENUES 2010 18,7 euromld




SELEX GALILEO KEY DATA 2010

REVENUES	1,948 M€
ORDER INTAKE	2,268 M€
BACKLOG	4,255 M€
Workforce	7000

ACROSS AIR, LAND AND SEA, SELEX GALILEO DELIVERS MISSION CRITICAL SYSTEMS FOR SITUATIONAL AWARENESS, SELF-PROTECTION AND SURVEILLANCE TO CUSTOMERS AROUND THE WORLD.

FROM DESIGN AND DEVELOPMENT TO THROUGH-LIFE SUPPORT, WE CAN HELP YOU ON YOUR JOURNEY TO MISSION SUCCESS.

Building upon a wealth of experience and depth of knowledge, we blend a culture of innovation and a broad spectrum of technologies to engineer flexible and scalable solutions matched to the exacting demands of defence and security customers worldwide. By exploiting our core skills in sensors, defensive aids, tracking, targeting, navigation, command and control, and simulation, SELEX Galileo works in partnership with prime contractors and armed forces worldwide to integrate optimised functionality into both platforms and networked-based architectures, whether on land, at sea or in the air. We partner our customers to deliver tailored and effective support and service solutions for through-life support that provide reduced cost, improved availability and lower customer risk. The power to protect, the intelligence to act, and the means to succeed. We build your strength from within.



BUILDING YOUR
STRENGTH FROM WITHIN

What's under the skin makes all the difference. SELEX Galileo is changing the anatomy of defence and security capability by growing technology-enabled systems and sensors designed to perform when and where the operator needs them most. Our proven pedigree includes tactical ISTAR systems, avionics and airborne sensors, precision location and targeting devices, and automated self-protection suites. Functioning as standalone systems, or as part of an integrated architecture, they provide the awareness and intelligence to both enable and protect. By capitalising on this heritage, and our deep expertise in integration and systems engineering, we today deliver solutions that testify to our excellence in software, sensors and architecture. The result is truly user-centric capability that leaves the operator to focus on achieving the mission, not managing the technology.

BRED TO BE THE BEST



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

Delivering a clear picture in rough seas: our Seaspray E radar family helps six customers worldwide to secure their sea borders





STRENGTH THROUGH PARTNERSHIP

Customer intimacy is in our DNA. SELEX Galileo strives to succeed by forging enduring relationships with customers and supply networks alike in order to deliver integrated systems and solutions that reflect your specific operational and financial challenges.

Our transnational footprint allows us to bind together diverse technologies to create mission-focused solutions that can operate, survive and succeed in difficult and dangerous environments.

Our technical approach is characterised by a focus on modular through-life solutions that are flexible, adaptable and responsive across the life cycle.

We are committed to supporting availability and providing continuous performance to our customers, whatever the mission or location. Our support and service solutions are reliable, bespoke and customer focussed.

Furthermore, through our systems integration expertise and our partnerships, we have the capability to support our own systems and those of other manufacturers. We are critical to mission success, and vital to the safety of those who go in harm's way.

You may not see us, but you'll want to know we're on board.



Best protection: the HIDAS integrated self-protection suite forms the basis of a flexible software-driven 'plug and play' defensive aids architecture for rotary-wing aircraft

UNMANNED ISTAR SOLUTIONS

Outsmarting the enemy increasingly depends on unmanned ISTAR systems that meet operational commanders' requirements for persistent battlespace awareness at the tactical level. Leveraging its expertise in both unmanned air vehicles and airborne sensors, SELEX Galileo offers integrated capability-based tactical ISTAR solutions based on an open, networked architecture that is agnostic to air vehicles and payloads alike.

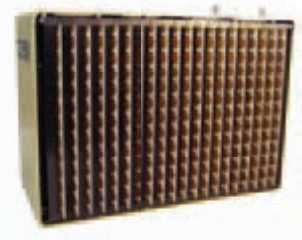
We are the only European player who can offer a complete and independent understanding and development capability of UAS systems: from the platform, to the mission system and sensors, to the ground control station. Our approach is focused on meeting the needs of the user at the tactical level by enabling the collected, fusion, exploitation and dissemination of ISTAR product to meet real-time operational needs for actionable intelligence. Furthermore, this same scalable architecture is expressly designed to promote interoperability and integration with other ISTAR assets, and provide significant growth potential through life.

ENSURING TACTICAL ADVANTAGE



Eyes above: our Falco unmanned aerial system is the only tactical UAS entirely developed in Europe to have been exported and used in operations

Picture perfect: PicoSAR is a compact and lightweight AESA radar providing tactical UAS with an all-weather, high resolution SAR/GMTI capability





SEEING THE BIG PICTURE

LAND OPERATIONS

The terrestrial battlefield is being transformed through increased integration of dismounted and mechanised forces at the tactical level, providing enhanced situational awareness through a common operational picture. SELEX Galileo is in the forefront of this transformation to fully digitised battlefield information architecture.

We bring a long experience in ground-based sensor solutions, including sense and direct fire control systems, mounted and dismounted day and night vision systems, and the capability to deliver persistent surveillance. Our expertise spans soldier systems and vehicle-mounted solutions, as well as mini and micro UAVs.



SELEX Galileo is playing a key role in battlefield digitisation through the Italian armed forces Forza NEC programme



Never miss a shot: the ASIO mini-UAV enables "perch and stare" battlefield surveillance, forward scout reconnaissance and Special Operation support

From detection to protection: Surveillance Target Acquisition and Weapon Aiming Sight (STAWS) provides a 24-hour all-weather surveillance and target acquisition capability





DETECT, PROTECT, SURVIVE

SELF-PROTECTION SYSTEMS

Diverse and proliferating threats demand effective countermeasures to ensure the survivability of personnel and platforms. SELEX Galileo is trusted worldwide to provide responsive, crew-friendly self-protection solutions seamlessly interwoven into platform and system architectures.

Our generic product portfolio includes threat warning sensors, electronic countermeasures and advanced offboard decoys which, combined with our expertise in functional and physical integration, allows us to tailor fully automated self-protection suites matched to individual platforms. We are committed to the survival of the fittest.



DIRCM: to date over 1,600 pointer trackers have been produced for 500 installations on 50 different types of aircraft

Aware to the threat: the SEER digital radar warning receiver delivers enhanced survivability and improved situational awareness



The Praetorian defensive aids system for the Eurofighter Typhoon is the most complete system in operation



Our ECLIPSE stabilised two-axis pointer/tracker is at the core of a compact and lightweight directed infrared countermeasures

COMBAT AIR

Today's multi-role combat aircraft rely on the very best integration of man and machine in order to perform to their potential in both air-to-air and air-to-surface roles. Giving the pilot maximum advantage is what drives SELEX Galileo to produce world-class sensors and mission avionics. Our scalable family of airborne intercept radars offers true multi-mode functionality to confer advanced detection and track-while-scan capabilities matched to the latest beyond visual range weapons. And our latest generation of active electronic scanned array (AESA) radars combine outstanding software-based functionality with the though-life cost and operational availability benefits of AESA technology. We also excel in high performance electro-optical sensors. These include infrared search and track systems for situational awareness and target acquisition, and advanced laser rangefinders/designators to ensure the pinpoint targeting of precision guided weapons. Our capability in the cockpit is completed by high performance mission avionics. This extends from head-up displays, navigation packages and multifunction displays to a fully customisable core avionics architecture based on powerful mission management computers.

THE SKY IS NO LIMIT



Selected for the Gripen NG fighter, the Raven ES and SKYWARD-G deliver unmatched situational awareness

A classic touch: with more than 450 units sold worldwide, GRIFO is a fourth generation Pulse-Doppler radar perfectly suited for both new and upgraded lightweight fighters



DOMAIN AWARENESS

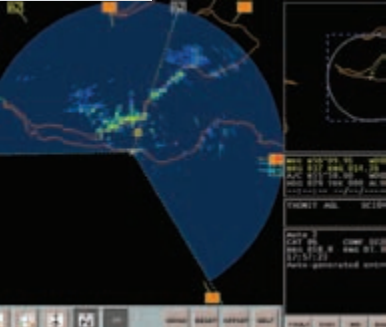
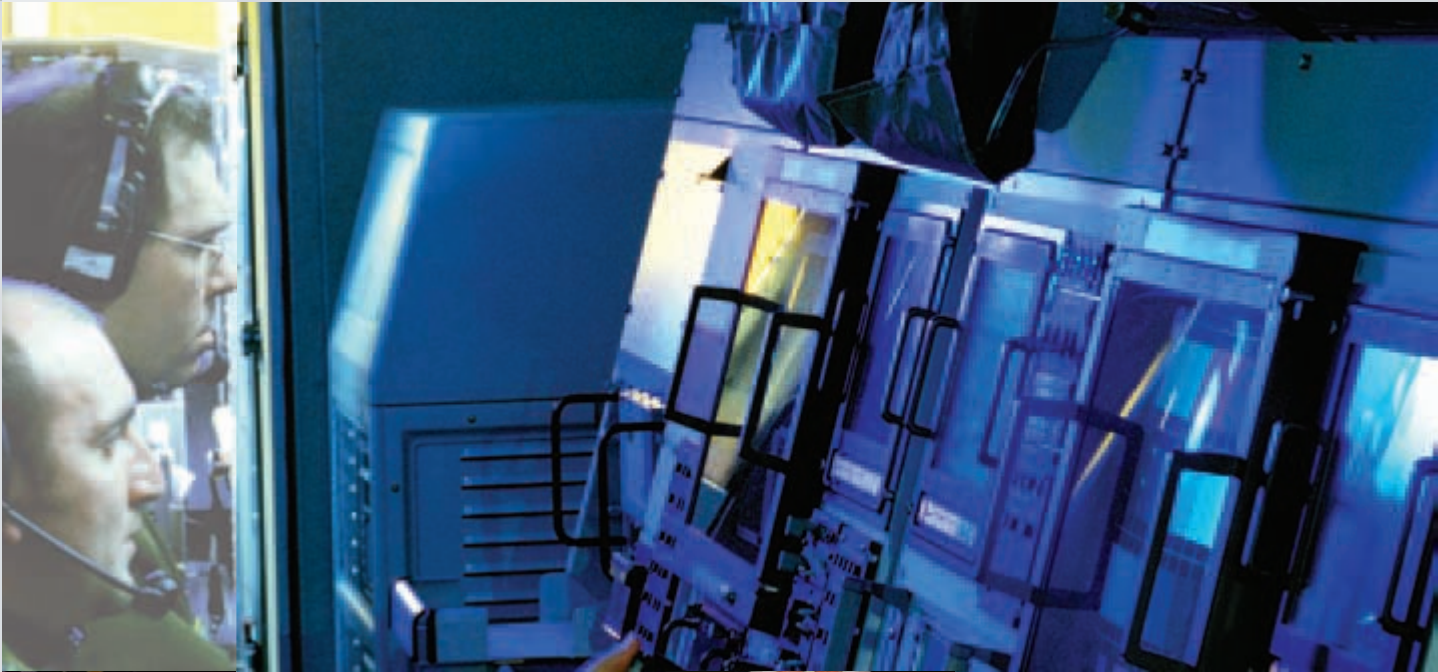
Sovereign protection and homeland defence are assuming ever greater importance in the face of multiplying and increasingly unconventional security threats.

To meet these challenges, SELEX Galileo is applying its expertise in sensor technology and systems integration to address the demands of EEZ protection, border control, internal security and civil resilience.

This multi-layered capability capitalises on our leadership in sensors and systems integration to provide security agencies and key decision makers with critical intelligence on demand. We offer fixed, re-locatable and mobile surveillance solutions that combine powerful sensor packages with flexible network-enabled architectures to deliver both wide-area and narrow field coverage.

This includes the persistent surveillance capability afforded by networked unmanned vehicles. We are also able to fuse the total tactical picture, offering scalable and fully integrated mission management systems to deliver comprehensive domain awareness from air, land and sea.

PROTECTING YOUR HOMELAND



No hiding place: SELEX Galileo's latest generation of Seaspray AESA radars provide unrivalled surveillance performance over both land and sea



Total maritime awareness: with over 45 systems sold worldwide, the ATOS airborne tactical observation system sets the global standard for airborne surveillance at sea



STAYING PREPARED

SYNTHETIC ENVIRONMENTS AND SIMULATION

Virtual environments and high fidelity simulation and training are essential to the generation of front-line capability. Leveraging our broad expertise in systems, software and sensors, SELEX Galileo brings the capability to create custom solutions matched to your specific experimentation, concept exploration and mission rehearsal needs.

For example, our UAV battlelab allows concept analysis, requirements definition, technology assessment and operator training to be performed in a controlled and cost effective environment. The same powerful facility also enables doctrinal and tactical experimentation, or can function as a system of systems integration centre.

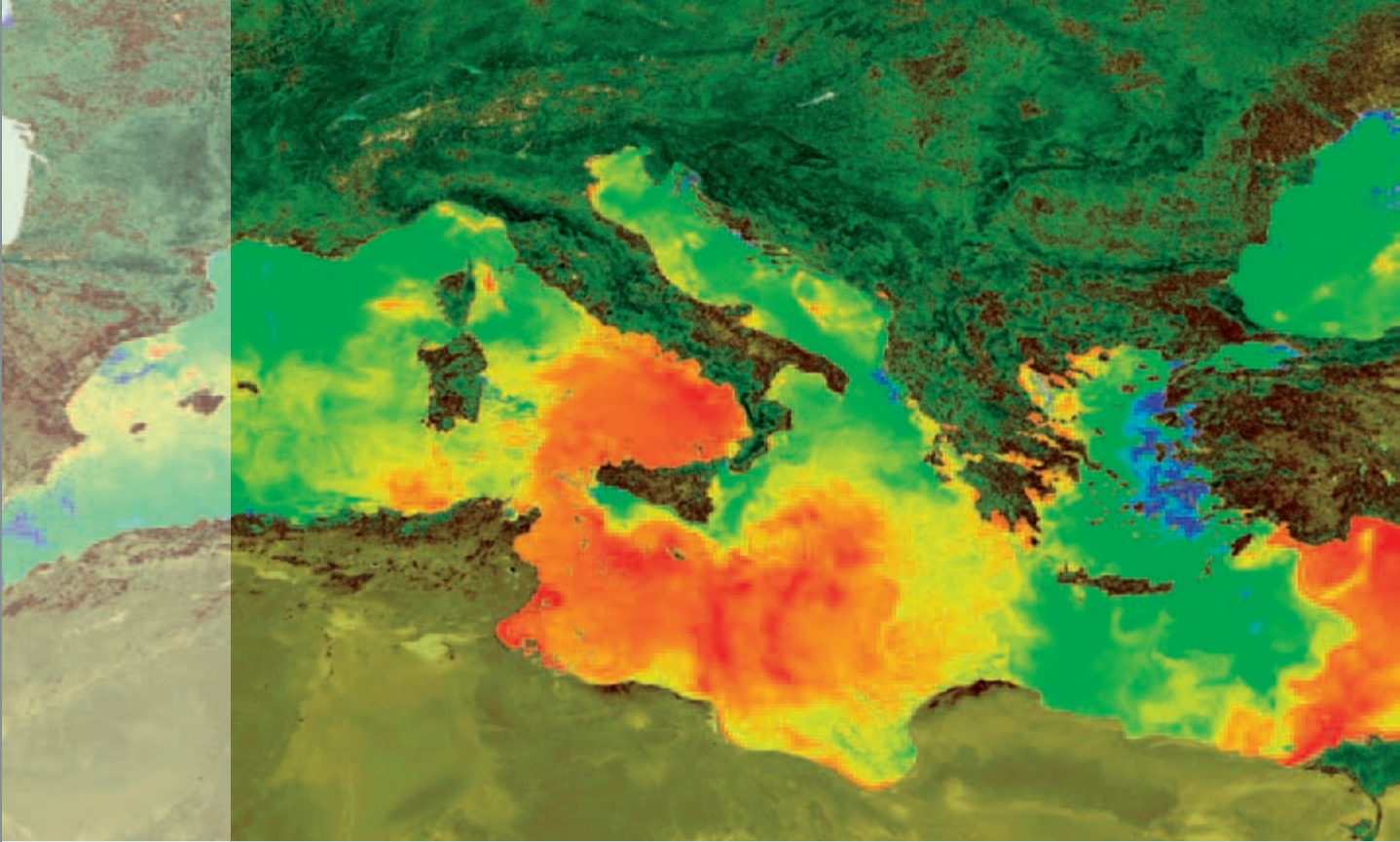
In the airborne arena, we have a long track record in the supply of both full mission simulators and part task trainers. And our experience in aerial threat simulation systems provides the capability to replicate the most complex and stressing air threats.



Training for real: the new Mirach 100/X system offers high fidelity airborne threat simulation

Shaping your forces: from synthetic environments to mission simulators and 'concept to capability' applications, we help our customers to prepare for the front line

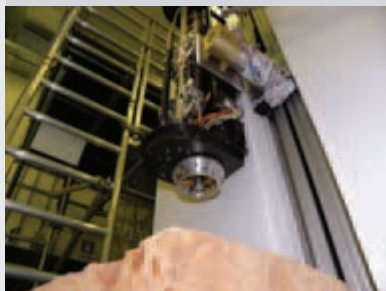




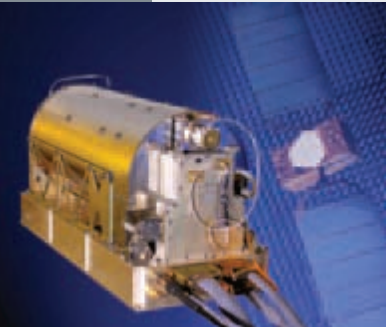
OUT OF THIS WORLD

SPACE

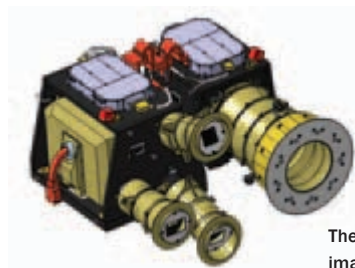
The outer frontier of space is a harsh and remote environment that demands high integrity payloads and systems precision-engineered to the most exacting standards. To meet the extreme operating conditions of the exo-atmosphere, SELEX Galileo has developed a unique competence in high performance, ultra-reliable space sensors and subsystems. Our capability includes the design, manufacture and test of qualified optical payloads providing high resolution observation of the Earth and distant space objects. We also supply navigation and attitude sensors, photovoltaic assemblies, power conditioning and distribution units and robotic arms tailored to meet the commercial and scientific requirements of our international customer base.



Where man can't reach:
our state-of-the-art robotic
systems enable subsurface
sampling and on-site scientific
analysis of exo-atmospheric
objects



SELEX Galileo's Passive Hydrogen
MASER atomic clock, selected
for the satellites of the Galileo
system, is so stable it could
lose only one second in three
million years



The SIMBIO-SYS spectrometer/
imaging payload forms
part of ESA's BepiColombo
mission to observe Mercury

TECHNOLOGY AND INNOVATION

Technology is our tool. SELEX Galileo combines a culture of innovation with leadership in sensing and systems integration to create true mission-focused solutions tailored to individual customer needs.

We are recognised worldwide as a leader in the design and development of high performance sensors operating across the frequency spectrum. This capability encompasses radar, RF microwave devices, electro-optics, infrared detectors, lasers and acoustics.

Our knowledge base extends to simulation, synthetic environments, precision navigation and geo-spatial positioning, giving us a core expertise applicable across all domains.

We remain in the vanguard of technological development, and maintain a proactive corporate R&D programme together with partners in industry, academia and the defence scientific community.

At the same time, we understand the necessity to deliver cost effective outcomes through coherent through-life capability management and timely technology insertion.

We pride ourselves on quality and ensure our production processes meet the highest possible standards. By working hand in hand with customers, we make sure that our technology best fits your needs.

DELIVERING SOLUTIONS



Laboratories and facilities across our sites, including very high performance RF anechoic chambers, allow us to complete all stages of design, integration and testing



We have been at the forefront of laser technology since the 1960s and have a reputation for providing customers with the best in high performance and cost-effective technology for laser requirements



COMMITTED TO THOSE AROUND US

Corporate and social responsibility is an essential part of a successful business. SELEX Galileo is committed to embodying responsible, ethical behaviours that make a positive impact on the environment, consumers, employees, stakeholders and communities alike. Our corporate values and governance demand the highest standards of integrity in all areas of business, and in return we promote a culture of excellence that encourages our people to reach their full potential.

We understand the social and economic importance of protecting the environment in which we live and work. To this end, our Green Company programme has been rolled out across sites in the UK and Italy to assess, plan and implement environmentally-friendly initiatives and strategies consistent with our commitment to a safer world.

We also recognise our role as part of the social fabric, and support a variety of educational, community and business initiatives. At corporate level, we support a number of national charities; we also support a number of local charities, nominated by employees on an annual basis.

TRUE TO OUR VALUES





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