

ALTEN YOUR TECHNOLOGICAL PARTNER IN DEFENCE

SKILL DRIVEN TOWARDS DEFENCE 4.0 ✓



The **ALTEN Group** provides Engineering Services & generated a turnover exceeding 2,9 billion euros in 2021. Based in 30 countries, ALTEN currently has more than 45,000 employees all over the world.

ALTEN IN DEFENCE

ALTEN delivers defence dedicated Services in **17 countries** for more than **50 customers** supported by **2,100 engineers** & operates in:

MCO

Training

Cybersecurity

Data

IT/IS

System Engineering

Embedded SW Development

Industry 4.0

AIR DEFENCE



ALTEN supports manufacturers in developing state-of-the-art combat aircraft & weapons systems.

NAVAL DEFENCE



ALTEN is supporting the leaders in naval defence systems in designing ships & submarines, developing systems & the digital transformation of the sector.

LAND DEFENCE



Combining its expertise in products engineering with its digital networks skills, **ALTEN** is actively contributing to land defence manufacturers' innovative projects & provides support throughout the product life cycle Optimisation.

ALTEN, YOUR PARTNER FOR ALL TYPE OF MILITARY OPERATIONS

COMMUNICATION SYSTEMS

Communication Security

Control & Commandement



Radio
Communication



Simulator



Communication,
Satellite



Cyber Security
Systems



Security control
systems (*biometric,
identification*)



Navigation
& positioning
solutions

PRODUCTS SYSTEMS

Surveillance Weapons

Combat Systems



Missiles



Protection
Equipment



Drones



Optronic
Systems



Radars



Electronic
Embedded
Systems

MANUFACTURERS

Air Sea Land



Fighter
jet



Helicopter



Surface
ships



Submarines



Land
Vehicles

EMBEDDED SYSTEM DESIGN

With increasing **digitalization of combat** platforms to ensure better network centric warfare capability, operators also need better Human-Machine interface (HMI) to deal with increasing information.

ALTEN provides its expertise in HMI design & embedded software development for many defence electronic equipment providers on different products (*Infantry tactical tablet computer, Optronic equipment, SatCom, UAV...*).

MECHANICAL ENGINEERING

As cold war design armored vehicles are often expensive to maintain and have a low availability rate and faced with increasing counterinsurgency operations, land forces are renewing their fleet to get better versatility, projection capacity & **control of ownership costs**.

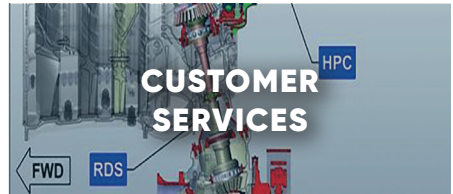
To respond to these issues, more than 20 **ALTEN** engineers contribute to the French next generation armored platform programs in mechanical engineering (*vehicle architecture...*) & vehicle testing.

OUR MAIN PROJECTS



To protect 10 million sq km of European airspace against a range of threats, NATO needs a coordinated air defence system from member nations.

ALTEN, with its ability to manage **transnational engineering projects**, supports an international company specializing in C4ISR system to deploy its solution in different European countries. More than 30 ALTEN engineers ensure system integration, system administrator and technical support activities.



Moving to an optimized financial model, armed forces are increasing the scale of outsourced military services off battlefield.

A global industrial pioneer in defence solutions trusted us with the highly demanding military training program & to succeed, **ALTEN** deploys a fully integrated Computer-Based training solution, going from personal trainers to **e-learning** platforms both for ground crew (*engineering & maintenance staff*) to flight crew (*pilots & systems operators*).



With extensive use of internet-Protocol (*IP*) enabled banking, health care, entertainment, or even smart energy & transportation systems, **cybersecurity vulnerabilities & features** have become a high priority for our customers.

ALTEN, with its JV ALTEN SIR GSS, supports different customers (*government security agency, banks, industrial...*) in SCADA vulnerabilities audits, ISO27001 consulting services, SOC implementation, access control, data encryption, pen test...

OUR MAIN CUSTOMERS

AIRBUS

ARQUUS

DASSAULT AVIATION

LEONARDO

NEXTER

SAFRAN

THALES

About ATEXIS

ATEXIS, a subsidiary of **ALTEN**, is specialized in Customer Support Engineering, and as such is optimizing the life in service of complex systems. ATEXIS is active in several countries and is considered as a key partner in many high added value industries including Defence.



I have deployed the support of a dozen special operations & I am Chevalier de l'Ordre National du Mérite (ONM).



Stéphane Fedou
**TRAINING
OPERATIONS
MANAGER**



Bénédicte Gerhards
**PROGRAM MANAGER
GOVERNMENTAL
& DEFENCE**

CAREER IN THE ARMY

- Head of operations support division
- Responsible for in-service support of parachuting & dropping equipments & metallo textile shelters of the armies
- Head of technical section of brand parachuting drop

SPECIFIC TECHNICAL SKILLS

- Integrated Logistics Support Management (*DGA training*)
- Industrial & logistic systems Management (*MINES ParisTech Special Master*)
- Management public procurment & MCO projects
- Airborne Techniques Officer

CAREER IN THE ARMY

- Rafale Instructor (*Istres & Mont de Marsan AFB*)
- Maintenance operator. Level NTI 1 & NTI3 Istres and Amberieu in bugey AFB
- Manager Training division for Avionics (*Rafale, Mont de Marsan*)

RAFALE SPECIFICS

- Air to Ground attack instructor
- Back-up Instructor (*Air to Air attack system*)
- AASM Missile Instructor
- SCALP Missile Instructor
- Back-up Instructor IHM Cockpit



I have been on mission in 17 countries (PPL Pilot, Avionics, Airframe & Powerplant Specialist).



You want to know more about our capabilities, contact us:

 defense@alten.com