



INSIDE
SAFRAN



SAFRAN

IS A LEADING INTERNATIONAL HIGH-TECHNOLOGY GROUP and Tier-1 supplier of systems and equipment **for aerospace, defense and security**. Operating worldwide, Safran has **over 70,000 employees** and generated sales of **17.4 billion euros in 2015**. Through its **global presence**, Safran not only enhances competitiveness, but also builds industrial and commercial relations with **the world's leading prime contractors and operators**, while providing fast, local service to customers around the world. Working alone or in partnership, Safran holds **world or European leadership positions** in its core markets.





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AVIATION



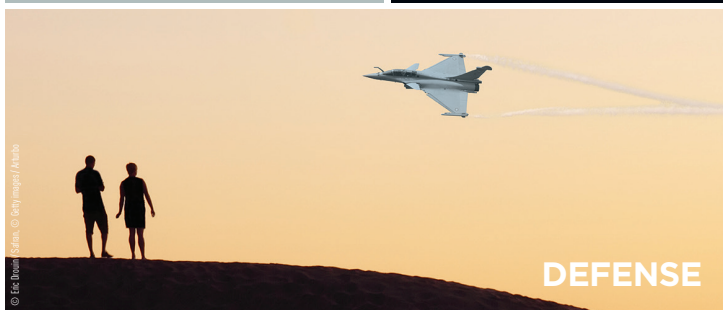
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SECURITY



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SPACE



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DEFENSE

TECHNOLOGY THAT BENEFITS OUR DAILY LIVES



1 single-aisle commercial jet takes off
every **2 seconds**, powered by our engines⁽¹⁾



17,300 nacelle components
in service

More than 40,000 landings a day
using our equipment



500 km of electrical wiring
on an Airbus A380



More than 70 successful Ariane 5
launches⁽²⁾ in a row



2.8 billion ID documents

delivered worldwide



3,000 military aircraft fitted
with our inertial navigation systems

**1 out of every 3 helicopter
turbine engines** sold worldwide



Over 35,000 power transmissions,
totaling over 850 million flight-hours

(1) in partnership with GE, through CFM International.
(2) in partnership with Airbus Group, through Airbus Safran Launchers.

LEADERSHIP IN OUR CORE MARKETS

No.1

WORLDWIDE

- Engines for single-aisle commercial jets ⁽¹⁾
- Landing gear
- Wheels and carbon brakes ⁽²⁾
- Aircraft electrical interconnection systems



(1) in partnership with GE. / (2) mainline commercial jets with more than 100 seats.

No.1

WORLDWIDE

- Helicopter turbine engines
- Helicopter flight controls



LEADERSHIP IN OUR CORE MARKETS

No.1

WORLDWIDE

→ Launch vehicles ⁽¹⁾

No.1

IN EUROPE

→ Plasma propulsion



(1) in partnership with Airbus Group.



No.1
WORLDWIDE

→ High-performance
optics

LEADERSHIP IN OUR CORE MARKETS



No.1
IN EUROPE

- Tactical drones
- Optronic systems

No. 3

WORLDWIDE

→ Inertial
navigation
systems

No. 4

WORLDWIDE

→ Military
aircraft
engines



LEADERSHIP IN OUR CORE MARKETS



WORLD

LEADER

→ Biometric
ID solutions ⁽¹⁾

(1) based on fingerprint, iris and facial recognition.



No. 1
WORLDWIDE

→ Explosive
detection systems ⁽²⁾
for checked luggage

No. 3
WORLDWIDE

→ Smart cards

(2) based on computed tomography (CT).

A WEALTH OF TALENTS



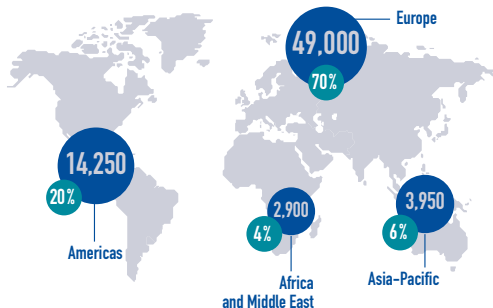
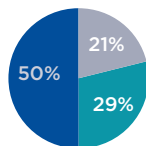


OVER
70,000
EMPLOYEES

in more than 60 countries

**EMPLOYEES
BY JOB TYPE**

- Production
- R&D
- Other



MORE THAN **1.6** MILLION
HOURS OF TRAINING
provided in 2015



SAFRAN UNIVERSITY
(Faculties in Paris, Dallas, Beijing)

at December 31, 2015



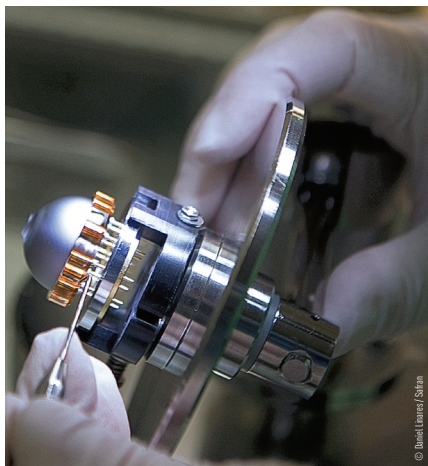
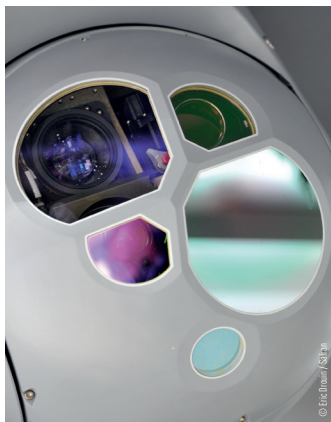
Ranked **2nd** among
CAC 40 companies
for **EMPLOYEE
SHAREHOLDING**

► **SHARE CAPITAL STRUCTURE**

at December 31, 2015

- 70.9%** Public
- 15.4%** French State
- 13.6%** Employees
- 0.1%** Treasury shares

INNOVATION FOR A WORLD ON THE MOVE



NEARLY
12% OF SALES INVESTED IN R&D

Expenditures in Research and Development programs represented 2.1 billion euros in 2015.



21% OF EMPLOYEES
involved in R&D



1,000
EXPERTS
in the Group



910
INITIAL PATENTS
filed in 2015



€ **758** MILLION
IN CAPITAL
EXPENDITURES



TOP 100 SAFRAN IS RANKED AMONG
THE TOP 100 GLOBAL INNOVATORS
by Thomson Reuters.

SAFRAN BUSINESSES

Safran Aero Boosters

Low-pressure compressors for aircraft engines. Equipment for aircraft and spacecraft. Test cells and equipment for engine testing.

Safran Aircraft Engines

Engines for commercial and military aircraft, maintenance, repair and overhaul (MRO) services. Electric propulsion systems for satellites and space vehicles.

Safran Electrical & Power

Electrical power systems for the aerospace market, covering all onboard electrical functions (power generation, distribution and conversion, wiring, load management, ventilation). Engineering solutions for the aerospace, automobile, energy and rail industries.

Safran Electronics & Defense

Optronics, avionics and navigation systems and equipment, electronics and critical software for both civil and defense markets, covering land, sea, air and space applications. A full range of product support services.

Safran Helicopter Engines

Turboshaft engines for civil and military helicopters, auxiliary power units (APU), starting and propulsion systems for missiles, target drones and unmanned aerial vehicles (UAV). Maintenance, repair and overhaul (MRO) and associated services.

Safran Identity & Security

Multibiometric identification technologies (fingerprint, iris and facial recognition). Identity solutions and digital security. Smart cards, documents and secure elements. Explosives and narcotics detection systems. Solutions for road safety. Gaming and betting terminals.

Safran Landing Systems

Aircraft landing and braking systems. Control and monitoring systems. Capabilities covering the entire product cycle, from design and production to maintenance, repair and overhaul (MRO).

Safran Nacelles

Complete nacelle systems for aircraft engines, associated support services, composite materials for aerostructures.

Safran Transmission Systems

Mechanical power transmission systems for commercial and military airplane and helicopters engines. Maintenance, Repair, Overhaul (MRO) and associated services. Mechanical components for airplane and helicopter propulsion systems.

www.safran-group.com

