Helping our customers master every decisive moment

Thales Group overview
Overview

- Over 80,000 employees
- 68 Countries Global presence
- 1 bn € Self-funded R&D*
  * Does not include externally financed R&D
- Sales in 2018 19 bn €
Our Customers’ Big Ambitions Make the World Go Round

GOVERNMENTS

INSTITUTIONS

CITIES

COMPANIES
From the Bottom of the Oceans… to the Depths of Space & Cyberspace

- Digital Identity and Security
- Ground Transportation
- Defence and Security
- Space
- Aerospace
Thales’s Mission

Sensing & data gathering

Data transmission & storage

Data processing & decision making

We help customers master decisive moments by providing the right information at the right moment.
Key Digital Technologies

Over €7bn invested in digital for the last 5 years

- Connectivity
- Big Data
- Artificial Intelligence
- Cybersecurity
Digital Identity and Security: Bringing Trust and Confidence to the Connected World

- Digital identity management
- Secure identity documents
- Identity verification
- Biometrics
- Physical and digital payment credentials
- Digital banking security
- Mobile and IoT security and connectivity
- Multi-modal authentication
- Data encryption
- Cloud security
- Software license protection

3,000+ financial institutions rely on us to protect their payment and banking services

200+ government programs deployed for civil identity, biometrics and law enforcement

$1 trillion interbank fund transfers per day protected with our data encryption platforms.

100+ eSIM deployments with mobile operators and OEMs worldwide

11.5 year contract to produce the new UK ePassport

Managing identities and protecting data for Billions of people and things every day.
Defence and Security: Protecting and Preserving Security at the Highest Level

- Over 50 countries protect their populations and territories with Thales defence systems.
- More than 800,000 Thales tactical radios are in service in over 50 countries.
- Thales systems and equipment represent almost 25% of the total value of the Rafale combat aircraft.
- Cybersecurity solutions for 9 of the top 10 internet giants.

- 340m people travel each year via airports secured by Thales.
- Mexico City: the most advanced urban security project in the world.
  Crime rates have been reduced by 56% in the last 10 years.

- State protection
- City and Critical infrastructures protection
- Critical information systems and cybersecurity
- Connected collaborative combat
- Communications, command & control systems
- Mission services and support
- Protection and mission / combat systems
- Surveillance, detection and intelligence systems
- Big Data powered Intelligence, Electronic Warfare and Cyberdefense systems
- Smart sensors
- Training & Simulation
Aerospace: Make Flying Safer, Easier and More Efficient

- **1bn** passengers use Thales in-flight entertainment systems every day.

- **60%** of air traffic in China is managed by Thales solutions.

- **2 out of 3** aircraft in the world take off and land using Thales equipment.

- **Over 160** Air Traffic Management control centers around the world are equipped by Thales.

- **Training & simulation** for civil and military helicopters and aircraft.

- **Between them,** they cover **more than 40%** of global airspace.

- **Air traffic management**

- **Training and simulation**

- **Nose-to-tail aircraft connectivity**

- **In-flight services**
Space: Capitalise our Planet’s and Solar System’s Resources

- Telecommunications
- Earth observation
- Science and space exploration
- Navigation
- Orbital infrastructure
- Space transport

All telecom constellations operating today were built by Thales Alenia Space.

Thales Alenia Space has built all the European Meteosat satellites to date, and is driving ambitious programmes dedicated to climate change, environmental monitoring and planet protection.

Central role in civil and military programmes worldwide, through Thales Alenia Space.

Thales Alenia Space is prime contractor for ExoMars, Europe’s first mission to land on Mars.

Thales Alenia Space has supplied 50% of the International Space Station.
Transportation: Connected Journeys to Transport People and Goods Safely and Efficiently

8bn passengers a year benefit from Thales technologies.

In Switzerland, the world’s longest rail tunnel - 57 km - uses Thales signalling systems, making it possible to run trains at up to 250km/h.

The 75 km Dubai metro system — one of the longest driverless metro in the world — is equipped with a complete solution supplied by Thales.

In London, Thales is providing new signalling for 4 lines which make up 40% of the global network.

Over 70% of Spain’s high-speed network — the largest high-speed network in the world — is equipped with systems supplied by Thales.

- Signalling
- Communications
- Fare collection
- Cybersecurity
Thales: A Research and Development Powerhouse

Albert Fert
Scientific director of the CNRS/Thales joint physics unit and winner of the 2007 Nobel prize in physics.

Expertise in a uniquely broad range of technical domains, from science to systems, applied across businesses.

An extensive intellectual property portfolio of 20,500 patents.

6 times winner

TOP 100 GLOBAL INNOVATORS
Embedded in **every business process and day to day work**

- Code of Ethics and dedicated organisation.
- Robust policies and internal control.
- Focus on employee training, awareness and ownership.
- Group-wide environmental, social and governance programmes.
- Promoting responsible dialogue with all stakeholders.
- Driving industry-wide initiatives (corruption prevention, best practices).

Member of Global Compact since 2003. Thales has achieved Global Compact Advanced level.

Carbon Disclosure Project. Thales ranked CDP A -

Thales has been ranked n°1 in the Defense/Aerospace sector by the Dow Jones Sustainability Indices (DJSI) Europe and World.
INNOVATE FOR PEOPLE

Education
“Helping future generations face the challenges, jobs and skills of tomorrow.”

Focus
STEM education. Classroom innovation.

Beneficiaries
10,000 young school children & teachers per year.

Humanitarian disasters
“Reducing the vulnerability of the more fragile and less prepared populations.”

Focus
Natural disaster risk prevention & reduction. Preparation of emergency intervention teams.

Beneficiaries
Thousands of people in high-risk areas. Humanitarian teams.

Over 60 projects worldwide supported since 2015, focusing on two major challenges