

# Thales in Norway

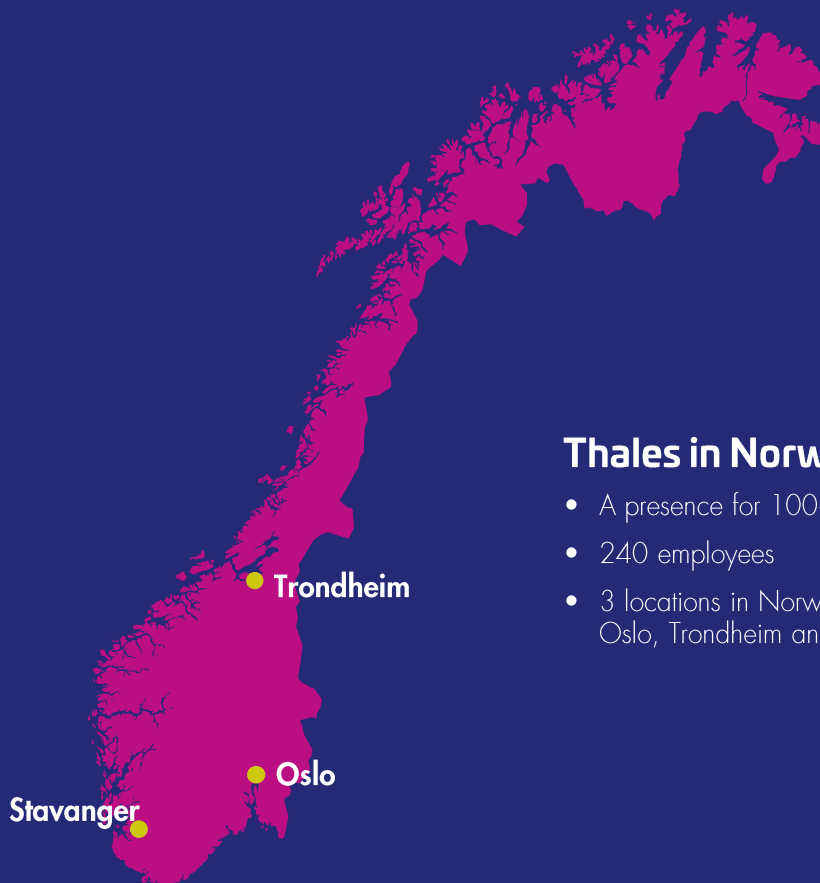


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**THALES**  
Building a future we can all trust





## Thales in Norway:

- A presence for 100+ years
- 240 employees
- 3 locations in Norway: Oslo, Trondheim and Stavanger



## Key Highlights:

### Defence

- Thales has supplied SOTAS intercom systems for most of the army vehicles in Norway. The MBITR radio is in service.
- Thales has delivered Squire radars and is delivering the GM200MMC artillery hunting radar to the Army.
- Thales has delivered TACAN, NATO's tactical navigation systems, to all military airports in Norway.
- Thales has delivered several sonars, naval satcom and FLASH dipping sonars to the Norwegian navy.

### Security

- Thales Norway is a world leader in the field of high grade secure communication and has the role as strategic partner to Norway.
- Since 2000 Thales Norway is the principal supplier of IP-encryption to NATO.
- Thales Norway is the principal supplier of Voice Communication Systems (VCS) for military air traffic management to NATO.
- Since 2021, Thales Norway has been the principal supplier of secure messaging systems to NATO.
- Thales Norway has a long tradition in developing certified cross-domain mechanisms for interoperable, reliable and secure communication solutions.
- Thales Norway has extensive experience in security accreditation.

### Aerospace

- In 2016, Thales opened Flight Training Centre to host a helicopter simulation centre in Stavanger. Pilots and crews for the Norwegian all-weather search and rescue helicopter and Norwegian air ambulance are training in the centre. AW101, H145/H135 and H225 simulators are in operation.
- In 2021, Thales was awarded a contract to provide early conflict detection system to the Air Traffic Management (ATM) with Avinor Air Navigation Services AS.

### Space

- Thor-6 satellite launched into space on October 29<sup>th</sup> 2009. It remains active under the ownership of Telenor Satellite Broadcasting.

### Digital & Identity Services

- Since 2005, Thales has been the primary provider of Passports to the Norwegian Government, and in 2020 successfully launched the new generation of Passports and National ID cards. Thales also provide other type of ID as drivers licenses.
- In close partnership with leading Norwegian financial institutions, Thales is developing solutions in payment services.
- Thales delivers innovative IoT technology that simplifies and accelerates enterprise digital transformation.

# Thales in Norway

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Thales in Norway is a significant technology supplier for Defence, Space, Avionics and Digital Identity & Security.

Thales is a trusted partner in developing and delivering world leading, high-grade secure communication systems for extreme challenges within the defence and security markets in Norway and its allies. Thales Norway AS operates under the Norwegian Safety Act and is an integrated part of the total defence concept in Norway. Furthermore, Thales operates a helicopter Training & Simulation centre in Stavanger.

Since 2005, Thales has been the primary provider of Passports to the Norwegian Government, and in 2020 Thales and the Norwegian Government successfully launched the new generation of Passports and National ID cards in 2020.

With more than 100-year long presence in Norway, Thales has approx. 240 employees in three main locations across the country.



Credit – Forsvarets Mediearkiv

# Industry focus

## Defence

Thales in Norway has a longstanding and strong position with the Norwegian Armed Forces. We offer a wide range of solutions and services for air, land, naval and joint forces.

Thales in Norway has a wide range of products within the field of communication and control centre solutions. The company has supplied secure military and enterprise networks since the mid-1980s and has broad experience in defence communications over the years. Thales has supplied voice and data intercom systems for most of the army vehicles in Norway known as SOTAS, which offers effective noise-cancelling functions and ensures clear voice transmission even in very noisy environments. Thales has delivered the MBITR in Norway.

Furthermore, Thales has delivered the naval SATCOM solutions for Nansen-class frigates and Skjold-class corvettes to the Norwegian Navy.



Credit – Forsvarets Mediearkiv

Thales has a strong position within surveillance, detection and intelligence systems. In modern defence scenarios, the ability to rapidly and effectively detect and identify threats is a prerequisite for efficient protection of people and territories. Thales delivers the FLASH dipping sonars for the naval NH90 helicopters and has over the years delivered several sonars to the Norwegian navy. Furthermore, Thales has delivered TACAN, which is NATO's tactical navigation system, to all military airports in Norway.

Thales has delivered the Squire radar for ground surveillance. In May 2021, the Norwegian Defence Material Agency (NDMA) signed an agreement with the Netherlands Defence Material Organisation (DMO) for five Thales Ground Master 200 multi-mission compact radars (GM200 MM/C), which has later been increased to a total of 8.

Thales series of radars are used by a number of NATO countries

Thales always applies an approach where collaboration with national partners is included in the business model.

## Security

Thales Norway is a world leader in crypto- and high-grade secured communications. We are a partner, trusted advisor and contractor for the Norwegian Government and for NATO.

Thales Norway is an independent defence and security company, operating under Norwegian Security Law, fully owned by Thales Group.



Credit – Thales Group

### Crypto- and high grade security

Thales Norway is strategic partner to Norwegian Armed Forces for high grade crypto and the principal supplier of IP encryption to NATO. We enable armed forces, NATO and governments to communicate securely by protecting their most valued secrets.

### Secure voice communication systems

Thales Norway is the principal supplier of Voice Communication Systems (VCS) for military air traffic management to NATO. We supply secure voice communication systems tailored to military organisations, and enable armed forces to communicate securely across different security domains and networks.

### Secure messaging

Since 2021, Thales Norway has been the principal supplier of secure messaging systems to NATO. We develop and deliver secure messaging systems to enable formal messaging both within and cross nations and NATO.

### Secure information exchange

Thales Norway has a long tradition in developing certified cross-domain mechanisms for interoperable, reliable and secure communication solutions. We specialize in solutions for nationwide fixed networks, for highly mobile communication nodes at tactical vehicles, and for individual soldiers.

### Trusted security advisory services

Thales Norway has extensive experience in security accreditation and is selected as Trusted Security Advisor in major defence programs. We provide custom security advisory services to achieve national security approval in Norway, both for information systems and for platforms to handle classified information.



## Space

Thales Alenia Space architects design and deliver high technology solutions for telecommunications, navigation, Earth observation, environmental management, exploration, science and orbital infrastructures.

Governments and private industry alike count on Thales Alenia Space to design satellite-based systems that provide anytime, anywhere connections and positioning, monitor our planet, enhance management of its resources, and explore our Solar System and beyond. Thales Alenia Space sees space as a new horizon, helping to build a better, more sustainable life on Earth.



Credit – Thales Group

Thales Alenia Space delivered the current THOR-6 satellite, operated by Telenor Satellite Broadcasting, which was launched in October 2009. It carries equipment offering both TV- and telecommunication services in the Nordic & Baltics, East & Central Europe and the Middle East.

Thales Alenia Space is a close partner of the European Space Agency (ESA) and a major contributor to the International Space Station (ISS) and the future Lunar Gateway.

Norwegians around the globe use our technology regularly, whether they use the Galileo navigation satellites or the Iridium NEXT satellite communication network.

## Aerospace

As a worldwide leader in technology and communication, Thales provides a variety of products and services to the aviation industry. Furthermore, Thales in Norway operates a training centre with helicopter simulators in Stavanger.

In 2021, Thales won a global competition to deliver conflict detection and anti-collision software to the Air Traffic Management (ATM) with Avinor Air Navigation Services AS. The software is called TopSky-Safety Nets, a part of our solution for ATM called TopSky-Air Traffic Control. TopSky-Safety Nets helps the air traffic controllers detect potential conflicts in a very early stage, with fewer false alarms. In this way we contribute to even safer journeys for passengers in the Norwegian airspace.



Credit – Thales Group

In 2016, Thales in Norway opened a training and simulation centre in Stavanger. The training centre meets the demand for training services for helicopter pilots in areas like Defence, Search & Rescues operations (SAR), Air Ambulance and Oil & Gas.

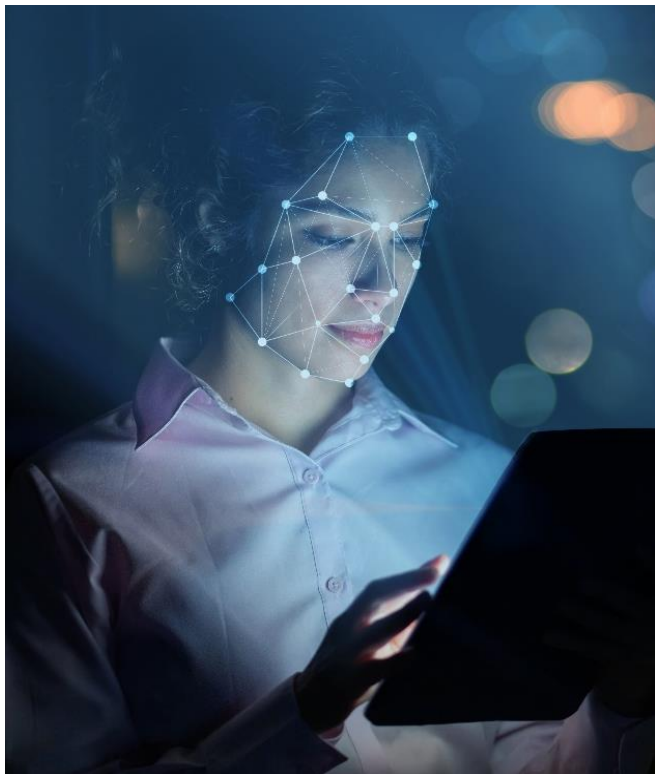
This modern flight training centre hosts simulators for Operators and provide a wide range of services in addition to physical hosting of simulators like simulator maintenance, EASA certification, student, and administrative services with our highly qualified staff.

Current customers include Leonardo Helicopters Ltd with their AW 101 helicopter providing training to the Norwegian 330 Search and Rescue squadron and as well as pilots from a number of other AW101 operators.

The centre also supports Norwegian Competence Centre Helicopter AS, Reiser Simulation and Training GmbH with their dual H145/H135 simulator. These simulators provide training to the Norwegian Air Ambulance Norwegian and Danish crews and as well as pilots from a number of other H145 and H 135 operators.

## Digital & Identity Services

Thales is a world leader in digital security, where trust has been brought to the global economy and digital exchanges are being secured for billions of people and things. April 2<sup>nd</sup> 2019, Gemalto was acquired by Thales providing Digital Identity & Security in the majority of the countries in the world.



Credit – iStock

### Identity & Biometric Solutions

Since 2005, Thales has been the primary provider of Passports to the Norwegian Government. The contract was renewed with the Norwegian Police Directorate in 2016.

Thales and the Norwegian Government successfully launched the new generation of Passports and National ID cards in 2020.

The new Passport and National ID cards provide Norway's citizens with state-of-the-art ID documents, which fulfil a high international security standard and increased security from identity theft and ID document forgery. Thales aims to provide the Norwegian government with the appropriate tools for properly organising and delivering ID documents to the nation's citizens.

Thales is also delivering other national ID documents e.g. the drivers license.

### Banking & Payment Services

The world of financial services is changing fast and consumers look for ever more personalized, convenient, yet secure ways to pay, communicate and interact with their banks. Thales today provides the Norwegian banking sector with a wide range of digital banking and payment solutions meeting and exceeding these demands. Thales' enrolment (KYC), risk management and authentication solutions are all part of our Trust Loop concept, and combined is the ideal way to secure the entire user digital ID lifecycle. In close partnership with leading Norwegian banks, Thales also drives the change in lifestyle payment products including world-leading mobile, biometric, metal and wearable contactless products, credit cards and associated services. Furthermore, Thales delivers the Mobile BankID infrastructure to all Norwegian Mobile Network Operators (MNO) as well as Public Key Infrastructure SIM cards to a selection of leading Norwegian Mobile Network Operators.

### Internet of Things

By 2025, 75 billion IoT devices will be connected with a potential market value of around \$1.6 trillion. IoT devices and services offer unprecedented possibilities, business opportunities and challenges.

Thales provides a wide range of market leading IoT solutions adapted for the Norwegian market context such as Smart Metering solutions for utilities and grid managers within the energy market.

For the Norwegian Healthcare system, Thales provides state-of-the-art solutions in security and connectivity. IoT in Healthcare dramatically improves patient outcomes and saves millions of lives with remote patient monitoring.

### Cloud Protection & Licencing

Today's enterprises depend on the cloud, data and software in order to make decisive decisions. That's why the most respected brands and largest organizations in the world rely on Thales to help them protect and secure access to their most sensitive information and software wherever it is created, shared or stored – from the cloud and data centers to devices and across networks. Our solutions enable organizations to move to the cloud securely, achieve compliance with confidence, and create more value from their software in devices and services used by millions of consumers every day.

We are the worldwide leader in data protection, providing everything an organization needs to protect and manage its data, identities and intellectual property – through encryption, advanced key management, tokenization, and authentication and access management. Whether it's securing the cloud, digital payments, blockchain or the Internet of Things, security professionals around the globe rely on Thales to confidently accelerate their organization's digital transformation.

# Notes

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