



# Czech Republic

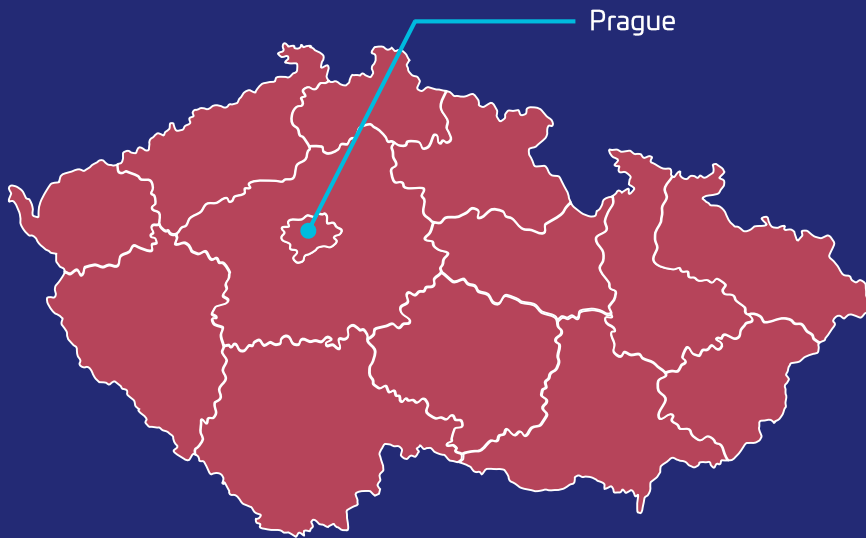


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**THALES**  
Building a future we can all trust





## Thales in Czech Republic:



- A presence for over 20 years
- Over 350 employees
- Thales Engineering Competence Center (ECC) in Prague

## Key Highlights:

### Defence

- Very High Frequency (VHF) radios, High Frequency (HF) radios and NATO interoperable communication systems
- SQUIRE Ground Surveillance Radar
- Avionic and electrical systems for military aeronautics

### Air Traffic Management

- TopSky Air Traffic Control Solution including Navigational Air Systems (NAVAIDS) such as DVOR, ILS and TACAN systems

### Space

- Co-developed together with Frentech Aerospace a precision motor for solar panels now commercialised at international scale
- Working with local Czech companies in the space industry

### Digital Identity & Security

Thales DIS Engineering Competence Center (ECC) develops and implements solutions for the following areas:

- ID card, biometric passport and Digital Identity issuance and management solutions
- Biometric solutions for civil usage, law enforcement and border management
- Secured e-banking and e-payments platforms
- Mobile Telecom Over-the-Air eSIM provisioning and management platforms

# Thales in Czech Republic

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Thales has been conducting business and developing its presence in the Czech Republic for over 20 years providing customers with technologically advanced solutions for the defence & security, digital identity & security, aerospace & space domains. The office located in Prague also hosts an Engineering Competence Centre (ECC) employing over 350 people, focusing primarily on digital identity and security.

## Local Cooperation

Thales' development strategy in Czech Republic is strongly rooted in a commitment of collaboration with local partners. The solutions developed by Thales over the years continue to be integrated into the Czech market. An example of this includes the space domain in which Thales has been cooperating for over 10 years with local stakeholders and supporting the development of local industry. Thales is constantly investing in its Engineering Competence Centre to ramp-up its current capabilities and digital competences to better support local industry.

### Digital Identity and Security

Thales has a strong presence in the digital sector in Czech Republic through its Engineering Competence Center (ECC) located in Prague. Over 350 people of 40 different nationalities work in 30 teams covering several product lines. The ECC develops and implements solutions for ID card, biometric passport and Digital Identity issuance and management, biometric solutions for civil usage, law enforcement and border management as well as secured e-banking and e-payment solutions and mobile telecom Over-the-Air eSIM provisioning and management.

The export business accounts for 95% of the Thales local activity with projects delivered by Thales from Prague to customers mainly in Europe but also in the Middle East, Asia, North and South America and Africa. In the Czech Republic, Thales provides the Chip modules for national ID card and the biometric data page for the Czech biometric passport.



eID (Credit: Thales)

## Defence & Security

In the Defence & Security sector, several communication and radar solutions have been provided by Thales to support the Czech Republic in national security matters.

### Radios

Czech special forces operate Thales VHF and HF radios. The company also supports the MoD with Ground Air Ground (GAG) communication programmes led by NATO.



HF and VHF radios (Credit: Thales)

### Radars

The Czech Ministry of Defence and the special forces benefit from Thales SQUIRE radars which were delivered in 2016. The SQUIRE Ground Surveillance Radar is capable of detecting small unmanned vehicles, and it can also be used to protect civil infrastructures like airports or rail infrastructure.



Squire radar (Credit: Thales)

### Aerospac

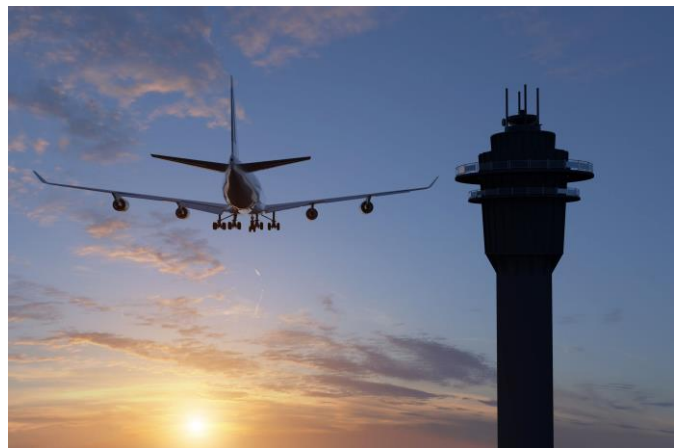
Thales has been historically present in the Czech aeronautical field through the supply of equipment and subsystems to the local military industry, including avionic and electrical systems. Thales has the capabilities and knowhow to develop key aerospace activities, particularly in the field of defence and Unmanned Aerial Vehicles (UAV), in partnership with key Czech players.

## Civil

### Air traffic control

For the past 20 years, Thales has delivered several generations of Air Traffic Management systems (ATM) from the EuroCat2000 system to the new generation TopSky-ATC solution.

Since 2015, Thales has been the preferred partner of ANSCR (Air Navigation Services of the Czech Republic) in equipping the air traffic control center in Prague. Thales continues to provide new functions (software updates) to the various air traffic control and management centers to meet EUROCONTROL standard requirements and maintain the radars in place. In this regard, the company delivered Navigational Air Systems (NAVAIDS) including DVOR, ILS and TACA



### Space

Thales has seconded several of its engineers to the European Union Agency for the Space Programme (EUSPA) in Prague, and regularly participates in calls for tender issued by the ESA, together with local industry and universities. As an example, Thales started working with the local industry 10 years ago when it co-developed, together with Frentech Aerospace, a precision motor for solar panels.



## Notes

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