Thales Group: Building a future we can all trust

In a world that is increasingly fast moving, unpredictable – and full of opportunities, trust is essential for societies to flourish. Trust in our institutions. Trust in our systems. Trust in technology. Trust in each other. And the people we all rely on to make the world go round, they rely on Thales. They come to us with big ambitions: To make life better, to keep us safer.

From the bottom of the oceans to the depths of space and cyberspace, we help our customers navigate uncertainty with confidence and new frontiers with optimism. Thinking smarter and acting faster – mastering ever greater complexity and every decisive moment along the way.

Every year, Thales invests 1 billion euros in self-funded research and development, and more than 28,000 Thales employees are directly involved in the fields of research and technology. Their extensive expertise enables us to develop exceptional and powerful technical solutions to meet the challenges of today’s society – to build a future we can all trust.

Thales Deutschland: Local Expertise with global reach

Thales Deutschland has become firmly established on the German market as a company with well-developed structures and customer relationships. The company has its own local production sites and R&D departments and historic roots in Germany reaching back to the year 1880.

Thales Deutschland offers users and decision-makers custom solutions and the experience it has gained through developing applications around the world so they can take action in critical missions. They include, in particular, state-of-the-art passive and active sensors, secure communication and satellite systems and digital security solutions for civil and military applications. Its main customers include airport operators and rail network operators, industrial companies and government organisations that are active in the fields of security and defence both in Germany and abroad.

Thales Deutschland is part of the Thales Group, a global high technology leader of European origin investing in digital and “deep tech” innovations such as connectivity, big data, artificial intelligence, cybersecurity and quantum technology.
Expertise in Analytics & IoT Solutions

Driving digital transformation with IoT

For a quarter of a century, Thales employees in Munich have been helping their worldwide customers to unleash the transformative power of the IoT and support every step of the IoT journey with expertise, passion and innovative solutions.

We create trust in a networked world and our customers - in a variety of industries - use our solutions to seamlessly, securely and reliably connect their IoT devices to the cloud via 3G, 4G/LTE and 5G cellular networks, improve insights and accelerate their global business success.

Our unique 360° portfolio includes all essential components, such as IoT modules, gateways, SIM cards, eSIMs and cloud-based solutions to simplify the development and deployment of the world’s most sophisticated and trusted IoT solutions:

- Connecting devices to cellular networks and cloud platforms
- Securing devices and their data
- Management over the entire long life cycle of IoT solutions
- Analysis of real-time data and transformation into business intelligence to make better decisions

At the Bavarian location, experts from Operations and Sales & Marketing manage, connect, secure and analyse IoT applications, true to our motto: Thales for IoT - Connect. Secure. Manage. Analyse.

Our activities in Munich focus on the direct contact with our customers, distributors and suppliers. With the specialist knowledge of the experts in Munich, our many years of competence in robust machine-to-machine communication (M2M) and the broad product portfolio, we ensure the business success of our partners.

Our sales experts advise and develop tailor-made solutions for enterprise customers from the automotive industry, healthcare or the areas of intelligent power grids, mobile payment systems, or home security systems.

Banking & Payment

All Banking & Payment sales activities for German customers are coordinated in our Munich office. This is being managed in close collaboration with our R&D department in the same location and with our personalization centre close to Stuttgart.

With the acquisition of Gemalto in April 2019, Thales is now also a supplier of banking cards and a service provider for card personalization with more than 25 years of experience in this market. In Germany are appr. 145 million Girocards, formerly known as EC cards, and credit cards in the field. Thales is not only an important supplier of banking cards in Germany but is also active on a worldwide level. The goal is to further expand the business in financial services and to develop and sell new technologies such as innovative card bodies and payment solutions.
Expertise in Identity & Biometrics

R&D for the future

The Sales & Marketing team in Munich is your contact for a wide range of products and solutions in the field of identity and biometric solutions, preferably for the public sector. These are identities whether as passport, identity card, driving license, tachograph cards, health card or as digital identity on the mobile phone. In addition, technologies and products such as biometrics or passport readers and fingerprint scanners together with solutions for the registration of identities or border control and eGovernment solutions complete the package from the creation to the use of identities. We rely on internationally standardized and locally developed as well as security certified (e.g. by the German BSI) components and the competence in the implementation together with our customers. Major smart card projects in Germany have been part of the Thales portfolio for many years, including the production of more than 30 million health cards. For the realization of projects of this magnitude, our company has a modern and efficient personalization center at the headquarters of Thales in Ditzingen.

SECCOS (Secure Chip Card Operating System) has been developed and maintained here for the German banking market since the very beginning. SECCOS is the basis for secure payment transactions on almost all German debit and credit cards. In addition to correct functionality, the security of the product is the top priority for every project. For product approval, an intensive security check is always carried out in an external laboratory, whereby both software-based attacks and, for example, attacks with laser beams are carried out.

Expertise in Cloud Protection & Licensing

Protecting a world powered by the cloud, data and software

Digital transformation is reshaping industries as more and more organizations look to build their businesses on the cloud, data and software. The success of these transformations will ultimately depend on whether digital services, identities, and billions of transactions can be secured and trusted.

At Thales Cloud Protection & Licensing, we are at the heart of making this new digital world possible, providing decisive technology for decisive moments. As the worldwide leader in digital security, we protect more data, transactions and identities than any other company and enable tens of thousands of businesses and organizations to deliver trusted digital services to billions of individuals around the world.

Banking & Payment Services

In the Munich high-security zone, an experienced R&D team has been working for over 20 years on the development of smart card operating systems and Java applets for the banking (BPS) and identification (IBS) sectors. For example, the electronic health card including certification by the BSI according to Common Criteria was developed here.

Data in the critical decision-making chain

At Thales we develop solutions which are increasingly sustainable and that help our customers think smarter and act faster – mastering ever greater complexity at every decisive moment along the way.
Thales Group Overview

- **80,500 employees worldwide**
- **70 Countries Global Presence**
- **21,000 intellectual property portfolio**

Thales Markets

- **Aerospace**
- **Transportation**
- **Defence and Security**
- **Digital Identity and Security**
- **Space**

Working with Thales

Together, we are shaping the world around us to build the future – here and now! Our experts’ competences and cultural backgrounds are unique in their diversity. Today, they develop solutions for the data-based, autonomous and immersive world of tomorrow – from autonomous vehicle control systems to collaborative combat systems, from interconnected cockpits to safe clouds and cybersecure communication, from self-learning radar systems to virtual reality solutions for training and predictive maintenance.

Passion for innovations and cutting-edge technologies is our motivation. We understand the needs and interests of all people at Thales. The personal and professional development as well as the advancement of teams are very important to us and we invest a lot. We offer a wide portfolio of training opportunities. We honour accomplishments and provide an attractive compensation policy. An open dialogue and transparency are actively practised and demonstrated.

We actively promote diversity, create the necessary framework conditions and commit to a resolute support for all forms of diversity. We are convinced that mixed teams get the best results and that equal opportunities are a matter of course. For our exemplary dedication in terms of a personnel management based on equal opportunities we were given the Total E-Quality award. Special programmes promote diversity and inclusion as well as compatibility of family and career. We assist our employees with the balancing act between private life and the exciting challenges at Thales.

Key Digital Technologies

- **Artificial Intelligence**
- **Cybersecurity**
- **Connectivity**
- **Big Data**