



G-Cloud 15 CYBER SECURITY CONSULTANCY

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INTRODUCTION

Thales provides multi-domain expertise to help organisations navigate the transition to effective and secure use and deployment of cloud services



All organisations rely on technology, systems and information to support their objectives; thus, they need to apply the same level of rigour to address the risk posed by the use of technology as they would for regulatory, financial, strategic or operational risks. This is especially true as the use of cloud services increases which presents unique opportunities, but also the potential for additional cyber security risks, reliance and responsibilities.

USE CASE

Incorporating cloud services into an existing organisation can be a complex and challenging operation. It requires technical expertise and careful analysis of (often subtle) changes to business processes; operational requirements; trust relationships; dependencies and responsibilities.

Delivering solutions in a Cloud First paradigm can improve the security of your data and services, but only when following a Secure by Design approach to analysing, designing, configuring, and testing the solution. Thales Cybersecurity Consulting partners with you to support secure cloud design and operation for a wide range of technical applications.



Thales provides multi-domain expertise to help organisations navigate the transition to, and management of, effective and secure use of cloud services. Since the founding of our consultancy business in 1989, we have delivered the highest standard of technical and business change consultancy to clients who work in the most complex technical and regulated environments, including Defence, Aerospace, Energy, Transport, and Government sectors, with our consulting team having developed a wealth of experience in the associated subject areas.

By partnering with Thales, clients engage with a team that brings deep insight into their unique environment, operations, and business challenges. Thales are Cloud partner and solution agnostic, ensuring a focus on finding the best secure cloud fit for each organisation's specific needs. Leveraging extensive technical proficiency across a diverse spectrum of applications and fields, from AI and big data to scalable, distributed data solutions, Thales Consulting is well-positioned to support the advancement of your digital initiatives.

Crucially, Thales provide flexibility in addressing your requirements. Whether you need enhanced expertise in cyber security, Intelligence-as-a-Service, cloud strategy, architecture, transformation and change, or a bespoke consulting engagement. Our team of experts are ready to work with you.

SERVICE DESCRIPTION

Features

Thales provides multi-domain expertise to help organisations navigate the transition to effective and secure use and deployment of cloud services:

- Support from some of the industry's most qualified cyber-security experts
- Expertise in a wide range of new technologies and services
- Multi-disciplinary experts: Security, engineering, business transformation, human factors, training
- Accredited as a Certified Cyber Security Consultancy by the NCSC
- Consultancy tailored to your specific needs, goals, risk appetite, and budget
- Information assurance and risk management ensuring regulatory compliance
- System design to ensure resilience and security at installation
- Holistic view addresses goals, risks, technology and real-world use
- Ongoing support and protective monitoring services
- Choose from defined service offers or bespoke consultancy support

Benefits

The benefits of working with Thales Consulting include:

- Improves cyber awareness and understanding at Board Level

- Increases resilience by responding to the changing threat landscape
- Reduces business risk and cost while improving performance and effectiveness
- Targeted protection. Combination of industry expertise and sector-specific intelligence
- Provides multi-disciplinary support at strategy, design, operational and technical levels
- Ensures best results and cost-effectiveness through solution agnostic approach
- Drives business transformation to leverage new technologies and elasticity in processes and services
- Reduces development and operational costs by embedding support throughout the technology lifecycle
- Expert technical consultants identify areas of opportunity to increase value and reduce costs
- Enabled from real delivery experience across critical service sectors

DETAILED SERVICE OVERVIEW

Thales Cyber Consulting



Thales offer NCSC-accredited cybersecurity consultancy and engineering services to support organisations and institutions in improving the security of their processes, products, and environments. The following sections give examples for the various consultancy services Thales has delivered in recent years.

Thales has a unique heritage and knowledge driven by our delivery experience as a systems integrator, integrating complex solutions to meet a wide range of customer challenges. Teams are dynamically built to support the customer environment and sector demands, bringing the 'best fit' to deliver customer needs.

Cyberspace presents a broad range of external and internal threats to organisations and their assets. Cyber now heads the risk agenda of many organisations, with cyber-attacks being a core and highly publicised part of the operational landscape. This challenge demands expert understanding and direction, particularly when deployed in cloud and mixed cloud environments where technology is rapidly changing and responsibilities operate in a shared risk model.

Risk-based Consultancy

Our consultants will identify, describe, and elaborate on those risks which are specific to your industry, your situation, and your specific use of cloud services. Assets determined to be at risk will be identified, inventoried and triaged. Our team will work with you to create a risk management strategy which meets your risk appetite and investment envelope.

Beyond traditional security controls, Thales will deliver a solution which is through-life, risk-driven with continual assurance. Security and resilience will be planned based upon sufficiency and necessity; removing onerous and unwarranted security controls which impact performance and increase costs.

SOC Advisory / Consulting

The Thales Security Operations Centre (SOC) Advisory and Consulting services help organisations establish, optimise, or enhance their SOC operations and capabilities. Our SOC consultants follow an objective, no-bias approach in line with industry best practices. Services provided by the SOC advisory and consulting services include: SOC requirements, strategy, design & architecture, technology evaluation & deployment, process development, staffing & training, performance monitoring, incident response and SOC modernisation.

Vulnerability Investigations

A Thales Cyber Vulnerability Investigation (CVI) will identify those vulnerabilities that cause the largest impacts based on the how the system is 'actually' used, not on how it 'should' be used. It considers how customers' systems actually operate and how physical/procedural vulnerabilities could be exploited in combination with technical vulnerabilities to cause a real-world impact. The outcome is a known vulnerability posture for our customers. Thales consultants will draw upon a range of assessments, tools, and methodologies to provide the best insight for each customer. Assessment modules used may include Attack Tree analysis, assessment of security policies and governance, human factors, penetration testing, open-source intelligence and information assurance.

Process Consultancy



At Thales we understand the importance of process within a regulated environment. Having incorporated cybersecurity into our processes at every turn to ensure built-in rather than bolted on cybersecurity, we have supported multiple organisations in maturing and developing their Cyber Security Management Systems (CSMS). Engagements take the form of discovery, planning, and delivery, with our consultants seeking first to understand the Status Quo at

customer organisations in terms of extant processes and procedures as well as the organisation's adherence to them. This is followed by a gap analysis against a clear view as to what 'good' would look like for the organisation in question, and, lastly, by developing and delivering improved cybersecurity process artefacts or entire processes to enable an improved security posture for the customer. Support in rolling out the processes and training up staff can be provided upon request.

Technical expertise

Cloud solutions are built upon a range of interest technical elements and against different architectural patterns (e.g. Cloud, Edge, Hybrid, SaaS, PaaS, IaaS). They support a wide range of technical requirement ranging from most cost-effective IT support through to intensive computing workload support. Our technical knowledge and consulting to securely manage these factors is critical to our ability to deliver to our stakeholders.

Our technical expertise has foundations in Thales delivery programmes throughout a range of operational technology (OT) and Internet of things (IoT) domains, including CNI and Defence where there is a strong focus on Secure By Design (SbD). Here our consultants integrate external best practices with efficient, agile and DevOps derived software delivery approaches.

Business optimisation using AI has established a new demand to assure and secure our customers' AI instance. The security assurance of AI is now a critical factor in managing the risks associated with leveraging AI to solve business problems and is a key area we can support.

As the technology used to deploy more effective business solutions develop; the threat landscape also develops. At Thales our experienced and qualified consulting and technical teams can support you.

ABOUT THALES

Thales in the UK has been harnessing technology to benefit the nation for over a century. Across all walks of life, you will find us securing and protecting every moment. We develop world-leading capabilities to help our customers think smarter and act faster.

Thales collaborate with partners in both government and industry, providing cutting-edge technologies to the civil and defence markets.

Thales has a significant presence across the UK, with locations strategically positioned in England, Wales, Northern Ireland, and Scotland. This geographic reach enables us to effectively support the diverse needs of local communities while contributing to the economic prosperity of all four nations. Our key facilities, along with several customer-facing sites, extend from the South West of England to Glasgow, reinforcing our commitment to regional investment and development.

The most trusted organisations in the world rely on Thales for cybersecurity solutions that keep critical assets safe. With more than 6,000 cybersecurity experts worldwide, our portfolio protects applications, data and identities, including services that close compliance gaps, detect and monitor threats and strengthen defences.

For further information, please see <https://www.thalesgroup.com/en/worldwide/united-kingdom>

