



Safeguard Engineering

Service
Definition Document

Data Governance Assessment

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Data Governance Assessment

About Safeguard Engineering

Safeguard Engineering Limited is an independent, employee-owned engineering consultancy delivering impartial safety, environmental and engineering expertise across Defence, Maritime, Land, Aviation, and Commercial sectors. We integrate best practices and foster innovation, building enduring collaborative relationships with our customers and enabling them to reduce risks, increase sustainability and make informed decisions.

Service summary

We assess data governance and operational effectiveness across people, processes, and technology using interviews, workshops, and questionnaires. Our evaluation identifies strengths and gaps, delivering actionable recommendations to improve compliance, data quality, and secure access by empowering organisations to manage, share, and leverage data assets efficiently and confidently.

Service features

- Assess governance maturity against industry benchmarks and best practices.
- Review people, processes, and technology for holistic governance analysis.
- Engage stakeholders through structured interviews and collaborative workshops.
- Perform gap analysis to identify weaknesses and compliance risks.
- Deliver actionable roadmap for governance policies, standards, and controls.
- Alignment with ISO/IEC 38500, ISO 8000, ISO/IEC 27001 and GDPR.
- Define clear data ownership and accountability across the organisation.
- Develop governance policies and standards for consistent data management.
- Evaluate technology tools supporting governance and recommend improvements.
- Design scalable governance frameworks to enable digital transformation initiatives.

Service benefits

- Improves data quality and trust through clear ownership and accountability.
- Enables accurate reporting and analytics for better decision-making.
- Reduces compliance risks with GDPR, ISO, and regulatory standards.
- Streamlined governance processes reduce duplication and improve collaboration.

- Enhances collaboration across teams with well-defined roles and workflows.
- Provides scalable governance frameworks supporting digital transformation initiatives.
- Delivers actionable insights to strengthen governance maturity and resilience.
- Supports secure and efficient access to data across the organisation.
- Aligns governance practices with industry benchmarks and best practices.
- Improves operational effectiveness through structured governance and accountability.

Value proposition

Safeguard Engineering Ltd empowers organisations to establish robust, future-ready data governance frameworks that drive compliance, trust, and operational efficiency. Our Data Governance Assessment provides a comprehensive evaluation of governance maturity across people, processes, and technology, identifying strengths, gaps, and risks through structured interviews, workshops, and analysis.

Key benefits:

- Improved Data Quality & Trust: Clear ownership and accountability for data assets.
- Regulatory Compliance: Minimise risk of non-compliance with global standards.
- Operational Efficiency: Streamlined governance processes reduce duplication and improve collaboration.
- Future-Ready Framework: Scalable governance to support long-term digital strategies.

Detailed service definition

Safeguard Engineering Ltd's Data Governance Assessment provides a comprehensive evaluation of an organisation's ability to manage, share, and leverage its data assets effectively.

Our approach examines governance maturity across people, processes, and technology, using structured interviews, workshops, and questionnaires to identify strengths, gaps, and compliance risks. We assess current practices against recognised frameworks such as DCAM (Data Management Capability Assessment Model), and Control Objectives for Information and Related Technologies (COBIT), ensuring alignment with ISO/IEC 38500 for IT governance, ISO 8000 for data quality, and ISO/IEC 27001 for information security. Compliance with regulations such as GDPR is embedded throughout the process. Based on these insights, we deliver actionable recommendations and a clear roadmap for implementing or enhancing governance policies, standards, and controls.

We perform a comprehensive review of roles, workflows, and supporting technologies, followed by a gap analysis to identify weaknesses and compliance risks. Based on

these findings, we deliver actionable recommendations and a clear roadmap for implementing or enhancing governance policies, standards, and controls.

Our assessment ensures alignment with regulatory requirements such as GDPR and ISO standards, improves data quality and trust, and enables secure, efficient access to information. By establishing clear ownership and accountability, organisations can reduce duplication, enhance collaboration, and build a future-ready governance framework that supports digital transformation initiatives.

Why Safeguard Engineering?

Safeguard Engineering Limited is an independent safety and environmental engineering consultancy providing specialist engineering advice and cloud consultancy services across Defence, Maritime, Land, Aviation, and Commercial sectors. We are completely impartial, cost effective and always operate with integrity and trust.

We employ a dedicated team of over 60 consultants consisting of highly experienced data scientists, engineers, environmentalists and ex-defence personnel from diverse disciplines, including safety engineering, marine engineering, aviation safety, weapons and explosives safety, nuclear power systems, digital systems, Air Traffic Management, Artificial Intelligence, Autonomy, and environmental sciences.

The vast majority of our staff are security cleared to at least SC, with a number holding DV clearance. Our processes enable us to handle sensitive and classified information, and to separate teams as necessary to ensure compliance with security and any potential conflict of interest requirements. Our IT systems are certified to Cyber Essentials Plus.

Our capability

Our capabilities span the full project lifecycle, from early-stage concept and feasibility studies through to design, assessment, operation, and eventual decommissioning and disposal. We deliver systems safety and environmental management, including specialism in assurance of autonomous systems and other systems with complex digital requirements. We also provide expertise in a wide range of related services, including cyber risk assessment, data cleansing and migration, data governance and AI assurance, and independent safety audits. Our consultants possess deep knowledge of relevant standards, regulations, and best practices, ensuring that our clients achieve compliance while not compromising on innovation and operational effectiveness. We are independent of any solution or hardware provider, ensuring that our advice is always impartial.

In addition to our core staff, we are able to reach back into our network of trusted associates and specialist partners, ensuring that we can scale our services and bring in additional niche expertise as required to meet any client challenge

Our experience

Safeguard's expertise includes supporting complex Defence acquisition, upgrade and in-service projects for land, sea, and air platforms. We have a proven track record in delivering support for military vehicles, ships, submarines, aircraft, weapon systems, unmanned systems, and a range of Defence facilities. Our consultants are adept at navigating MOD and international defence standards, supporting equipment certification, and working closely with both government and industry stakeholders. We provide specialist assurance support for digital and software-intensive systems, addressing emerging risks associated with automation, autonomy, cyber security, and system integration.

Our delivery

It is of utmost importance to us that we always keep our commitments and ensure that customer expectations are met - and wherever possible, exceeded. Every project has an assigned project manager who takes responsibility for delivery, supported by senior members of our team who ensure that quality processes are being followed and that the delivery approach is appropriate. Our blend of expertise and experience enables us to bring a practicable but forward-thinking approach to all of our work, underpinned by highly motivated team. Our quality management system is certified to ISO 9001. Our high rates of repeat work and continued strong rate of growth as a business stand testament to the quality of our output.



Safeguard Engineering

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