

**Transportation and Mobility**

# Your changing landscape

Helping you navigate a new era of risk

**LRQA**

Solutions brochure



# Contents

Helping businesses navigate a new era of risk	03
Client challenges	04
Assuring assets and management systems	05
Achieving product integrity	06
Sourcing responsibly	07
Navigating the energy transition and achieving net zero	08
Strengthening cybersecurity maturity	09
BAE Systems case study	10
The role of data and analytics	11

# Your changing landscape

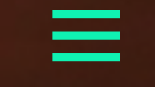

## Helping businesses in the Transportation and Mobility

LRQA partners with 1,604 clients in the transportation and mobility sector worldwide to help them navigate the regulatory landscape, reduce their environmental impact, protect themselves from cybersecurity threats and manage supply chain complexities.

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“By partnering with LRQA, we have not only created a great workplace for today but have also ensured that it remains a stable and safe place for the future.”

Bob Moulton | SHE and Energy Manager, BAE Systems Rochester

“We really felt that LRQA took the time to understand us, our operations and what we were working to achieve. We wanted to work with a partner who could bring a fresh perspective to our Health and Safety Management System and challenge us. The in-depth knowledge of LRQA experts, not only ISO 45001 but the industry, enabled us to keep striving for better.”

Simon Toseland | Head of Health, Safety and Fire at Birmingham Airport Ltd

# Helping businesses in the Transportation and Mobility sector navigate a new era of risk

In the era of Assurance 4.0 – the new era of risk management – supply chain complexity, evolving technology and increasing demand for Environmental, Social and Governmental (ESG) transparency are constant, and this is no exception for the Transportation and Mobility sector; cybersecurity threats, environmental impact, regulatory compliance and supply chain management are among some of the risks businesses in the Transportation and Mobility sector across the globe are faced with.

LRQA's approach to helping clients navigate the era of Assurance 4.0 is built around solution-based partnerships, informed by data-driven insights, with a focus on human intelligence and continuous assurance.

Our service portfolio is aligned with the key challenges within the era of Assurance 4.0, providing an end-to-end ecosystem of solutions for clients across geographies and sectors:

- 1 Assuring assets and management systems →
- 2 Achieving product integrity →
- 3 Sourcing responsibly →
- 4 Navigating the energy transition and achieving net zero →
- 5 Strengthening cybersecurity maturity →



# Assuring assets and management systems

**Businesses working in transportation and mobility supply chains face stringent regulatory requirements for safety, security, environmental impact and operational efficiency. Failure to comply with these regulations can result in significant fines and penalties and pose serious risks to brand reputation**

The transportation and mobility sector needs to continually understand and address existing and emerging regulations, and act to comply with them; this compliance remains vital for building competitive advantage through demonstration of compliance with legislation and global industry best practice.



## Our solutions

LRQA combines globally recognised standards – including the globally recognised quality standards, IATF 16949 and AS 9100 – with the tools to design and deploy programmes of work which assure the critical risks of your business and supplier networks. Helping you facilitate trade, meet stakeholder expectations and improve quality and safety across your business.

Supplier compliance audits ensure your supply chains and client sites meet industry and business-specific standards



Industry-specific standards demonstrate best-practice for your target industries and clients, through recognised certification.



Our certification programmes help you meet regulation and international codes and standard requirements for products, systems and processes.



Meet obligations for data protection, financial regulations and compliance with industry and legislative frameworks.





# Achieving product integrity

Over the last five years, the transportation sector in the United States alone has seen a significant number of product recalls. Specifically, the automotive industry has seen over 1,000 recalls annually, impacting millions of vehicles and equipment.

In 2019, there were around 881 automotive recalls, affecting approximately 38.5 million vehicles. The trend has shown an increase in both the frequency and the scope of these recalls over recent years, reflecting heightened safety standards and more rigorous regulatory scrutiny

[BTS.gov](https://www.bts.gov)

The increasing demand for safe, authentic, high-quality products, components and services means it is vital that businesses demonstrate integrity across their supply chain, as failure to do so can result in loss of customers, irreversible reputational harm and in worst cases, loss of life.

## Our solutions

Your business is only as strong as the weakest point in your operations and supply chain; our industry experts build solutions that help to ensure product integrity across this chain, whilst pinpointing product risk, advising on operational best practices and ultimately, helping safeguard your brand from harm.

Client-specific programmes ensure your business-critical sites and supply chains are assessed for specific risks. We offer bespoke assessment programmes delivered at scale.



Supplier compliance audits ensure your supply chains and client sites meet industry and business-specific standards.



Supply chain and vendor inspections identify risk, help assure your supply chain integrity and meet your client's specific requirements.



Analytics help make impactful decisions based on where risk sits across your supply chain via our EiQ platform ecosystem.



# Sourcing responsibly

Over the past five years, human rights violations, animal welfare concerns and carbon emissions have continued to rise.

With human rights violations doubling between 2012 to 2023 ([UNHCR](#)) and carbon emissions reaching a staggering 40 billion tons the same year, more governments are requiring deeper accountability and transparency regarding ESG objectives and claims.

As supply chain legislation evolves, ensuring the integrity of supply chains, from tier one to tier two suppliers, by having the processes and programmes in place to identify and mitigate these risks is critical for protecting and growing your brand.



## Our solutions

LRQA combines on-the-ground expertise with a suite of globally recognised standards and consulting capabilities to deliver client-focused responsible sourcing solutions.

Supplier compliance audits ensure your supply chains and client sites meet industry and business-specific standards.



Our advisory services help identify and deploy solutions for the biggest challenges. All of which are informed by data from EiQ, a deep understanding of industry trends, best practice and legislation.



Training ensures that you and your teams perform at the highest level and can meet challenges and industry expectations effectively.





# Navigate the energy transition and achieve net zero

The transportation sector is a significant contributor to greenhouse gas (GHG) emissions. In the United States alone, it accounted for approximately 28% of total GHG emissions in 2022 with road transport the largest contributor, making up around three-quarters of its emissions, while aviation and maritime transport each account for around 11% [\(US EPA\)](#) [\(IEA\)](#).

Globally, the transport sector contributes about 20% of GHG emissions. The International Energy Agency (IEA) reported that global CO2 emissions from the transport sector reached nearly 8 gigatonnes in 2022, showing a 3% increase from 2021 due to the rebound in air travel following the COVID-19 pandemic

[Transport Geography](#)

In addition to transport, the defence sector also contributes significantly to GHG emissions. The Ministry of Defence (MoD) has recognised its role in emissions and has implemented various strategies to reduce its carbon footprint, including enhancing energy efficiency and adopting renewable energy sources across its operations [\(IEA\)](#).

## Our solutions

As a partner with deep experience in the sector, we help businesses transition to cleaner energy sources and verify their claims. Our support helps clients address the key challenges across the lifecycle of assets.

Our science-based approach to ESG strategy, creation and implementation, helps meet emissions targets, satisfy stakeholders and grow sustainably.



Carbon data is available via our EiQ supply chain due diligence assurance platform. Organisations can view their Scope 1 and 2 Greenhouse Gas (GHG) emissions data and can customise filters for flexible reporting. EiQ also delivers tailored environmental insights across sourcing countries and products.



Our range of GHG data verification services help organisations to transparently meet regulatory and customer requirements. We are accredited to verify against a range of globally recognisable standards and schemes, including ISO 14064, the Global Reporting Initiative (GRI) as well as regional and country specific emissions trading schemes such as EU ETS.





# Strengthening cybersecurity maturity

In the UK, a significant number of businesses have been victims of cyber attacks, with phishing attacks being the most common.

Specifically, the transportation sector saw an 186% increase in weekly ransomware attacks from June 2020 to June 2021 ([GOV.UK](#)) ([Cybersecurity Guide](#)).

LRQA's dedicated team of cybersecurity experts partner with over 242 clients in the transportation and mobility sector to help them manage their cybersecurity risks.

The transportation sector continues to face frequent cyber threats due to its critical infrastructure role, with major incidents affecting entities like Maersk and the Metropolitan Transportation Authority (MTA) in New York ([Cybersecurity Guide](#)).

Ransomware, malware, and third-party attacks are ever-present risks to businesses. As these threats continue to evolve in frequency and sophistication, businesses need to strengthen their cybersecurity posture and respond continuously.



## Our solutions

LRQA's dedicated team of cybersecurity specialists partners with 242 clients in the transportation and mobility sector to deliver innovative solutions and continuous assurance to navigate this complex and ever-evolving threat landscape. From certifying systems and identifying vulnerabilities to helping prevent attacks and incidents that could impact brand integrity, finances and operations.

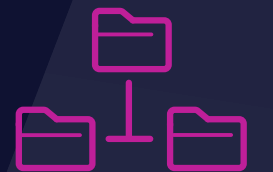
Security testing helps identify weaknesses and ascertain your ability to withstand a cyberattack.



Effective detection and response through managed security services.



Meet obligations for data protection, financial regulations and compliance with industry and legislative frameworks.



### Incident Response:

Understand how to respond to a potential cyber incident while minimising impact to your company.



Advisory services help maintain and improve cybersecurity maturity.



### Security and Network Solutions:

Design, implement, maintain and remediate security and networking technologies.



# Partnering with BAE Systems Rochester to elevate operational excellence and employee well-being

BAE Systems Rochester needed to maintain and improve operational effectiveness while managing health and safety risks during site transformation and increased remote working.

## Solution

Partnering with LRQA, BAE Systems Rochester transitioned to ISO 45001 and adopted ISO 45003, enhancing their health and safety management systems and ensuring employee well-being and operational excellence.

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Bob Moulton | SHE and Energy Manager, BAE Systems Rochester

# The role of data and analytics

Managing risk through an assurance programme has never been more vital, and a new, digitally enabled approach is essential to navigate these global trends.

Data and analytics are crucial for the operation and strategic planning within the transportation sector, significantly enhancing efficiency, safety, customer experience, and sustainability. By leveraging new technologies, transportation companies can capture and utilise their data effectively, enabling informed decision-making, improved visibility, risk management, and performance protection across all operations.

Central to helping our clients identify, prioritise, and manage risks to drive business performance and meet regulatory requirements is our leading supply chain intelligence platform, EiQ.

EiQ utilises LRQA's unique, proprietary, verified data to provide actionable insights and enable comprehensive supply chain ESG due diligence. The platform enhances understanding of the supply chain and informs the development of highly tailored solutions aligned with business strategies. This digital approach ensures transportation companies can meet evolving challenges while maintaining high standards of operational excellence.

[Find out more about EiQ →](#)





# Your changing landscape

## About LRQA:

LRQA is a leading global assurance partner, bringing together decades of unrivalled expertise in assessment, advisory, inspection and cybersecurity services – underpinned by data-driven insights – to help its clients navigate a new era of risk.

Operating in more than 150 countries with a team of more than 5,000 people, LRQA's award-winning compliance, supply chain, cybersecurity and ESG specialists help more than 60,000 clients across almost every sector to anticipate, mitigate and manage risk wherever they operate.

## Get in touch

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