

# UK - Türkiye

# Rail Business Network

## Member Directory

Prepared by DBT Türkiye

V.4.05





# Midlands Engine

[www.midlandsengine.org](http://www.midlandsengine.org)

The Midlands is a region of pioneering minds, thriving industry and advanced technology, of inspiring heritage and incredible, determined people. Our Midlands Engine partnership spans a geography from the Lincolnshire coast to the Welsh border and our region is the place 11 million call home – a population that's greater than Scotland, Northern Ireland and Wales, combined.

The Midlands Engine is a partnership made up of Local Government, Local Enterprise Partnerships, Universities & Businesses who have the single goal of driving economic growth, but also because the region has size & scale to compete globally.

It is the UK's largest regional economy outside London and contributes nearly £240bn of GVA annually for the UK.

We have a population of young engineers and academics, and with plenty of R&D capacity at our 20+ universities (inc. 3 of the UK's top research institutions)

We have no doubt that our central UK position is an advantage and access via road, rail or air means we can keep products, people and business moving.



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# Railway Industry Association

[www.riagb.org.uk](http://www.riagb.org.uk)

The Railway Industry Association (RIA) champions a dynamic UK rail supply sector.

We help to grow a sustainable, and high-performing railway as well as promoting UK rail expertise and products to international markets. RIA has over 360 companies in membership in an industry which contributes £43 billion in economic growth and £14 billion in tax revenue each year, as well as employing 710,000 people. It is also a foundation sector for the UK's economy which supports sustainable investment and jobs in towns and communities across the UK; for every £1 spent in rail, £2.50 is generated in the wider economy. RIA's membership is active across the whole of railway supply, covering a diverse range of products and services and including both multi-national companies and SMEs (60% by number).

RIA has a Member Directory on our website home page for international sourcing and cooperation purposes with brief member company details, links to member's websites and point of contact information.

Overseas and International Support: RIA arranges Railway Trade Missions Overseas, UK Pavilions at major rail trade exhibitions (such as InnoTrans), webinars, Meet the Buyer events, seminars and much more. We help host inward visits, connect Members with international clients and work across the UK supply chain.

The RIA team has worked with Overseas and UK based clients to connect them with related UK suppliers. This has been particularly important when the client is sourcing UK Export Finance and has a need to include UK content. We work closely with the Department for Business and Trade (DBT) and UK Export Finance.



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## Rail Forum

[www.railforum.uk](http://www.railforum.uk)

Unleashing UK rail excellence, **together**.

With over 360 members, Rail Forum is the largest industry association for the rail sector in the UK.

Rail Forum was established in 1993 at the heart of one of the largest regional clusters of rail companies in the world. Our members cover every aspect of activity from design and consultancy to installation and maintenance and from manufacturing to passenger and freight operations. Rail Forum actively supports the national rail agenda and strategy, encouraging collaboration, promoting members' capabilities, leading a number of regional skills initiatives and supporting innovation and export priorities.

This year, our work has centred on three interconnected workstreams which can actively support rail projects with partners in Turkey and beyond:

- Manufacturing – supporting the promotion of UK capability for rail manufacturing. You can view our member capability brochure [here](#).
- Innovation – providing greater opportunities and support for our members to develop, demonstrate, test and deliver transport solutions which can introduce cutting edge rail expertise into international modernising transport systems
- Export – our range of activities, lead by our members, continue to build profile and connect both 'members to members' and 'members to international opportunities' such as those in Turkey.

We value and enjoy a positive and collaborative working relationship with colleagues from across the Department for Business and Trade team, as well as other key organisations including UK Export Finance.

We encourage organisations in Turkey to engage with the Rail Forum team to access a broad range of rail industry suppliers to support your projects.



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# Rail Safety & Standards Board

[www.rssb.co.uk](http://www.rssb.co.uk)

RSSB is the rail industry's independent voice on safety and standards operating since 2003. We help organisations maintain growth and improve efficiency by providing them with access to world-leading expertise and collective knowledge base.

With nearly two decades of corporate knowledge RSSB took the decision to develop a new category of association to ensure we can support the growing demand from our International colleagues who, like you, seek to expand their knowledge and collaborate on good practices. Our Affiliates portfolio encompasses organisations from around the world, including international railways, ports, and companies from the manufacturing, aviation, financial and oil & gas sectors. Since the creation of the Affiliate category in January 2018 we have continued to secure 100% retention.

RSSB is uniquely placed to support its affiliates due to its independence and experience; we enable to encourage cross-industry collaboration and cooperation, conduct independent analysis and research, and give our affiliates an overview of the entire rail system. We employ world-leading experts on safety and standards – from engineers, risk modellers, human factors specialists, and rail professionals.

RSSB is recognised as a centre of excellence across the EU in these areas amongst other things. Additionally, during this time RSSB has also directly supported high profile industry initiatives and projects such as:

- Development of road maps for High Speed Two
- Support of the regulatory advice of the Crossrail
- Support of the digitalization of the railway
- Legislative preparation for Brexit
- Development of the risk management maturity model



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# Abacus Lighting

[www.abacuslighting.com](http://www.abacuslighting.com)

Based in Nottinghamshire, UK, Abacus has been providing lighting solutions to different sectors all over the world for last 65 years. We have exported to over 100 countries and in 2017 we were awarded with the Queen's Award for Export.

We offer products for rail, ports and airports, sports and oil & gas. Our main advantage is offering consultation from the very beginning of the project - from the initial ideas to the plans and designs carried out by our in-house lighting design and structural engineering team. We also have significant manufacturing capabilities in our UK factory with international subcontractor options if required. We can also offer installation and maintenance services with our contracts team based in UK and via partners based in different countries. All this allows us to offer full turnkey solution.

Our Key Products for Railway sector include base hinge & York hinge columns, lowering headframe masts, bollards, Orion & Challenger 1 floodlight and are suitable for applications like: mainline, stations, platforms, depots, car parks or metro.

In the UK we work closely with Network Rail as their approved and preferred supplier. We also work with all train operating companies providing exterior lighting solutions in depots, car parks, drive or walkways, sidings, level crossings and on platforms.

Our latest generation of products for rail introduced GRP with its non-conductive properties.



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# ABI Electronics

[www.abielectronics.co.uk](http://www.abielectronics.co.uk)

[www.repairdontwaste.com](http://www.repairdontwaste.com)

ABI Electronics is a UK manufacturer of specialist equipment used in the maintenance and repair of railway electronics. ABI rail customers include international train operators, OEMs and service providers who save millions of pounds repairing instead of replacing technologies such as door controls, power electronics, braking systems, signalling, barriers and more. ABI has been present in the Turkish market for over 30 years and can provide local training, support, and certification.

As well as being a renowned repair equipment manufacturer, ABI is the founder of 'Repair, Don't Waste!', a movement started by ABI in 2015 aimed at championing the sustainability and financial benefits of repairing and reusing industrial electronics rather than replacing them.

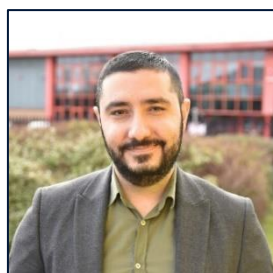


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## Alstom

[www.alstom.com](http://www.alstom.com)

Leading the way to greener and smarter mobility worldwide, Alstom develops and markets integrated systems that provide the sustainable foundations for the future of transportation.

From high-speed trains, metros, monorails, trams, to turnkey systems, services, infrastructure, signalling and digital mobility, Alstom offers its diverse customers the broadest portfolio in the industry.

With its presence in 64 countries and a talent base of over 84,700 people from 184 nationalities, the company focuses its design, innovation, and project management skills to where mobility solutions are needed most.



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# Airtec International Ltd

[www.airtecinternational.com](http://www.airtecinternational.com)

For nearly 50 years, Airtec International has been at the forefront of railway track maintenance, manufacturing and developing the Master 35 Low Emission Petrol Impact Wrench – a trusted solution for fast and safe installation and removal of screwed fasteners without the need for a separate power source.

## Master 35 – The Leading Railway Impact Wrench

The Master 35 is trusted by major railway authorities across Europe, North America, Australasia, and Asia. Designed for fast operation, reduced vibration exposure, and lower emissions, it features a EUR5/EPA3-compliant engine. With the power to remove or fit most chair screws and fishplate nuts in under three seconds, it delivers unmatched speed and efficiency. Its versatile design allows it to convert into a wooden sleeper drilling machine, using the safety quick-release auger attachment, making it a multi-purpose machine for railway maintenance.



## Master 35 Tool Carrier

The Master 35 Tool Carrier is engineered to reduce vibration by 30%, improving operator comfort while making transport and handling easier. Its adjustable arm allows compatibility with different weight tools, while the quick assembly and dismantling feature requires no additional tools. It can be used both vertically and horizontally, with a locking mechanism for safe transportation, ensuring efficiency and practicality in demanding railway environments.



## Why Choose Airtec?

Airtec International provides high-quality railway tools and accessories, trusted by professionals worldwide. Our products offer proven performance, expert support, and reliable stock availability, ensuring that railway maintenance teams have the tools they need to work efficiently and safely.



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Anturas is a boutique consultancy providing strategic advisory services across the railway industry and mass rapid transit market. Formed in 2017, we have offices in Edinburgh, Dublin and Toronto supporting clients across the UK & Ireland and Canada. With a core team of 24 people (and growing), we are engaged in several major capital investment programmes, providing senior level advice and management on programme strategy, set up, delivery and assurance for both public and private sector clients.

Our team consists of experienced subject matter experts, engineers and management consultants, many of whom previously been clients setting up and driving forward major programmes. This provides us with an inherent ability to understand client needs throughout the delivery lifecycle. Our skills and experience help our clients determine appropriate plans for their organisation to; derive clear and manageable governance regimes, develop robust business cases, identify programme requirements and priorities, create process and procedure to confidently implement delivery and monitor performance to realise successful outcomes.

Our range of services include:

**Programme Advisory:**

- Programme strategy and initiation (inc. structuring and resourcing)
- Programme and project management
- Business case development
- Programme Governance and assurance
- Benefits realisation
- Procurement and supply chain advice
- Stakeholder management
- Organisational design
- Operational readiness
- Programme recovery
- Change management

**Programme Assurance:**

- Hazard and risk management
- Requirements management
- Interface management
- Handback, verification and validation
- System integration
- Common Safety Method
- **Safety verification**
- RAMS
- Interoperability
- Safety Management System creation and management

We work closely our clients to clarify needs and desired outcomes, sponsor requirements, stakeholders' issues and delivery partner objectives, using a systematic approach to provide effective and efficient solutions to develop, implement and assure complex programmes and projects. We flex our resources and expertise to meet the changing demands of a programme and its lifecycle stage.



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# Aqua Fabrications

[www.aquafab.co.uk](http://www.aquafab.co.uk)

Aqua Fabrications has been supplying the UK & international rail industries since 1988 with a selection of track drainage, cable management system, under-track geosynthetic and bespoke manufacturing product offerings; during this time Aqua has been instrumental in innovating how railway infrastructure is constructed, introducing several industry firsts and innovative solutions including:

- Railway specific geocomposites including Reforme & Tracktex,
- Drainage & Cable Management circular HDPE Chambers,
- Above & below ground Glass Reinforced Polymer (GRP) track drainage solutions,
- Track Access Matting (TAMS & V-RAM) access solutions for ingress and egress of RRV's,
- Divisible temporary & permanent above & below ground cable protection,
- Fire resistant erosion control matting.

By working in partnership, Aqua can save you time and money on site, working with you to undertake a materials take-off and construction sense check using the issued construction drawings.

Using the design drawings issued, a material take-off is generated itemising the materials required to build each individual pipe/ duct run, catch-pit or UTX chamber and cross referencing these against the size and type of pipe/ duct specified. Constructability of each catch-pit or UTX chamber can then also be confirmed, with any concerns then raised and alternative solutions proposed for review and confirmation.

By conducting this review Aqua can enable contractors and designers alike to make an informed decision on the best alternative approach, reducing time spent on problem solving or snagging.

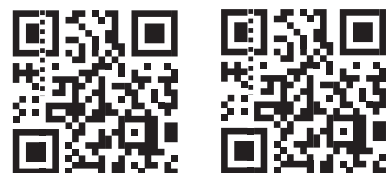
Speak with our sales team today to discuss your project and how we can best assist you.



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## Arup

[www.arup.com](http://www.arup.com)

Leading the way to For over 75 years, Arup has been recognised for its vision, talent and tenacity. Dedicated to sustainable development, the firm is a collective of 16,000 designers, advisors and experts working across 140 countries.

Founded to be both humane and excellent, we collaborate with our clients and partners using imagination, technology and rigour to shape a better world.

Across the world, we shape and deliver major rail projects for clients in the public and private sector. Our approach combines systems-thinking, the latest technologies and decades of experience.

We have been providing services in rail architecture, rail infrastructure, rail systems, digital and advisory services for different modes such as metros, high speed, light rail, heavy rail and freight.



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# British Cables Company

[www.britishcablescompany.com](http://www.britishcablescompany.com)

With our origins dating back to 1895, our facility in Blackley, Manchester has become firmly established as one of the most respected manufacturers of high quality cables for building management, telecommunications and infrastructure applications. You'll find customers for our products throughout the UK and around the world in many different market sectors. They have come to rely on our capabilities, our expertise and our commitment to deliver the right solutions. Naturally, we are proud to now being a part of the Wilms Group, the biggest cable group in Europe. So, with our sights firmly set on future opportunities, we are investing in our people, our business, our product lines and most importantly, our commitment to delivering a world-class service experience for our customers.

Our comprehensive cable and accessories product portfolio enables us to provide products and service across a number of key market sectors including:

- Telecommunications
- Infrastructure
- Buildings
- Industrial
- Rail

Cable manufacturing at our Manchester plant is steeped in history with the factory having been operational for more than 120 years. This longevity brings invaluable experience and expertise which has seen the operation evolve to what it is today: a world-class, industry-respected cable manufacturer and supplier.



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# British Steel Limited

[www.britishsteel.co.uk](http://www.britishsteel.co.uk)

British Steel is one of the leading steel manufacturers in Europe, producing around 3 million tonnes of steel products every year. We supply high-quality rail, sections, special profiles and wire rod for some of the most demanding applications around the world.

We've a long heritage, making iron for 155 years and steel for 130. And now we're embarking on a major modernisation programme to significantly improve our operations, efficiency and environmental performance. Helping you deliver a safe, reliable network with reduced life cycle costs.

We develop value-adding products to address the industry's needs:

- Rails that last longer in demanding conditions
- Rails that require less maintenance
- Products to meet International Legislation
- Products to reduce possession times
- Welded strings to 216m



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# Clayton Equipment Limited

[www.claytonequipment.co.uk](http://www.claytonequipment.co.uk)



## Specialists in The Manufacture of Locomotives & Shunters

A progressive company that strives to build for the future Since 1931, Clayton Equipment Ltd is the UK based manufacturer specialising in bespoke locomotives. We are one of the world's premier suppliers of above and below ground locomotive haulage equipment. Clayton Equipment is the only locomotive manufacturer capable of designing and manufacturing locomotives from 1.75 tonnes to 150 tonnes, for track gauges from 457mm to 1,676mm.

Our reputation is built on innovative thinking, excellence of execution and solid, yet flexible, partnerships with our impressive list of clients. Our philosophy isn't 'one size fits all'. Bespoke solutions meeting your needs – we understand that all our clients have different requirements and that's what makes Clayton Equipment Ltd the most versatile choice in over 60 countries worldwide.

The company designs and builds battery, low emission Diesel, overhead (trolley), rubber-tyre, battery-Diesel, Hybrid+™ and third rail locomotives. Today, the future for Clayton Equipment remains firmly with rail locomotives and equipment, seeing the company expand and safeguard another 90 years of innovation. From humble beginnings to an unsurpassed global reputation

ELECTRIC – BATTERY – HYBRID – DIESEL  
SURFACE – MINING – TUNNELING



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# Clemtech

[www.clemtech.co.uk](http://www.clemtech.co.uk)



At Clemtech, we are a leading technical recruitment specialist that finds the right people to work in the sectors that matter.

Our 25-year journey has seen us create a name for ourselves in the rail space where we're renowned for delivering recruitment solutions for complex, high-demand projects. Whether it's for short or long-term contracts, we source talent covering all skilled trades.

Underpinning everything we do is a commitment to act with conscience. Through putting our values first, we can have a positive impact on the lives of our colleagues, clients and contractors.

We have been providing temporary and permanent recruitment solutions to support the UK's Critical National Infrastructure, specifically the key sector of rail transport and the wider supply chain since 1998; we are an established and trusted partner providing our services to:

- Rolling Stock Manufacturers
- Train Operating Companies (ToC's)
- Leasing Companies (ROSCO's)
- Original Equipment Manufacturers (OEM's)
- Overhaul & Refurbishment Companies
- Rail Transport Consultancies

Clemtech is proud to have been trusted by the biggest names in the industry, both at home in the UK and further afield across the globe. Clemtech is part of a joint venture in the UAE and has overseas coverage in supplying skills to Germany, New Zealand, Australia, Sweden, France, Spain and Ireland.

We are actively pursuing opportunities to expand our operations and services into additional countries.



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# CMP Products

[www.cmp-products.com](http://www.cmp-products.com)



As a market-leading specialist designer and manufacturer of cable glands, cable cleats and accessories, CMP has been providing safe and innovative solutions to the global market for over 60 years; gaining us an international reputation for quality and reliability.

Our products are developed to suit a wide range of customers' industrial applications across market sectors such as infrastructure, renewable energy, power transmission and distribution, rail, tunnels, marine, data centres, automation and robotics, water treatment, desalination, oil and gas, mining and general construction. They have been designed and rigorously tested to cover a variety of international codes, standards and approvals.

CMP Products designs and manufactures a wide range of cable glands and accessories, approved for use in the London Underground (LUL) network, as well as product designed and tested for Network Rail.

The CMP 'SOLO' brand is a trusted reliable solution which has been deployed globally for over 20 years. All SOLO products and accessories are LSF Halogen-Free and have been 3rd party certified by both LUL and IEC.

CMP also offers insulated cable glands and accessories, for use in scenarios where circulating currents and induced heating may cause issues.

Cable cleats are essential when installing cables within the rail industry in order to ensure the safety of passengers, staff, infrastructure and the longevity of the cable's useful life. All of our cleats are independently tested in accordance with IEC 61914, giving engineers, passengers and personnel peace of mind.



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# CMS Law

[cms-lawnow.com](https://cms-lawnow.com)



## International law and tax experts

CMS is the 5th largest law firm in the World, we have ample resources to ensure our clients and their advisors have what they need, when they need it, and to ensure successful delivery on key projects. Being fully integrated across our major markets also allows us to tap into vast resources and expertise around the world without any impact or interruption for our clients.

We have been active on behalf of our clients in Turkey for more than two decades and opened our office in Istanbul in 2013. Our lawyers can guide you through all legal issues surrounding your inbound and outbound investments in the rail infrastructure sector.

We have a dedicated rail practice with team members who have worked both within law firms and the rail industry environment. We advise on all aspects of the rail sector, including:

- High speed rail projects
- Metros
- Rolling stock procurement and maintenance
- Passenger operations
- Infrastructure management
- Station development
- Ticketing
- Rail disputes



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# Collabaro

[www.collabaro.com](http://www.collabaro.com)

Create collaborative workflows between your Desk and Field Teams with Collabaro by automating daily field service management activities.

We provide a digital field management platform that helps businesses improve the efficiency and productivity of their mobile field service operations.

Collabaro provides a range of useful features for businesses, including job scheduling, real-time progress tracking for projects and jobs, timesheet management, asset management, smart report generation, automated warranty rules, and automated invoicing.

Powerful drag-and-drop tools, Task Builder, and Report Designer allow the user to create flexible workflows and robust processes that can be pushed in real time to the field.

We are committed to helping our customers profit from new technologies that can be applied to remote inspection, maintenance and installation processes. Collabaro was created to deliver access to this. Established in 2014, Collabaro has brought together a team of experienced business leaders & technologists, all believing in the value of working with others and understanding that mutual success is only possible through collaboration.



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# Complete Cyber

[www.completecyber.co.uk](http://www.completecyber.co.uk)

At Complete Cyber, we provide a range of professional cybersecurity services specifically tailored for the rail industry with over 10 years of working in the Railway industry with extensive experience in working in complex safety critical environments. Our services include:

**Cybersecurity Training:** Our training programs are designed to equip your team with the knowledge and skills they need to understand cybersecurity risks and best practices, and to effectively respond to security incidents.

**Security Testing:** We offer a comprehensive range of security testing services, including vulnerability assessments and solutions, penetration testing, and dynamic security monitoring. Our team of experts can identify and mitigate vulnerabilities in your systems to ensure that your rail infrastructure remains secure and protected.

**Monitoring your infrastructure** using our dynamic security monitoring can cut the cost of implementing expensive security monitoring equipment along with managing complex integration demands. Our approach provides a means to take piece-meal network traffic using safe measures to then analyse traffic for security vulnerabilities, anomalies, and Asset discovery/

**Security Risk Assessments:** Our team has extensive experience conducting security risk assessments for rail systems and products, in accordance with ISA 62443 standards. We can help you identify and evaluate cybersecurity risks and develop effective strategies to mitigate those risks and ensure compliance with industry standards.

**Support for TS 50701 Compliance:** We understand the importance of compliance with TS 50701 for system integrators, and we can provide the support you need to ensure that your project delivery capabilities meet the necessary requirements outlined in TS 50701.

At Complete Cyber, we are committed to providing our clients with top-quality cybersecurity services, tailored to their unique needs and requirements. Our team of experts has extensive experience in the rail industry, and we are dedicated to ensuring that your rail infrastructure remains secure and protected against cyber threats.

Contact us today to learn more about our services and how we can help you achieve your Railway cybersecurity goals.



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# Concrete Canvas

[www.concretecanvas.com](http://www.concretecanvas.com)

Created specifically for erosion control & containment applications, Concrete Canvas® (CC) products are part of a new class of revolutionary/innovative materials called Geosynthetic Cementitious Composite Mats (GCCMs). CC is a flexible, concrete filled geotextile that hardens on hydration to form a thin, durable and waterproof concrete layer. Typically, ten times faster to install than conventional concrete solutions; essentially, it's Concrete on a Roll.

CC is a lower carbon alternative to conventional concretes for erosion control, weed suppression and containment applications.

CC applications include channel lining, slope protection and containment. CC is twice as abrasion resistant as standard OPC concrete, has good weathering performance and UV resistance. CC hydro™ is an all-in-one impermeable liner for containment applications including bund and lagoon lining.



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# Creative Design Transport

[www.creative-transport.co.uk](http://www.creative-transport.co.uk)

Creative Design Transport (CDT) has worked extensively on railway projects in Europe and Asia.

We are experienced designers with specialist rail design knowledge gained with operators, manufacturers and promoters. Our real skill is identifying customer needs and incorporating changing expectations in new train platforms.

This approach is driven by our engagement with customers in the mobility sector, marketplace and understanding the value of design and innovation for railways. Working with inclusive and agile clients we develop functional, enduring, attractive trains and transport products.

CDT offers different services within the mobility sector: for train manufacturing businesses we are consultants, technical experts and integrators, providing design management at several levels, from strategic through to detail levels. For operators and turn-key contracts the skills are similar, but applied differently. The focus involves CX, customers and many different railway agencies.

Our knowledge of the mobility sector and design management expertise is gained from Metro, Light rail, Heavy rail and turnkey projects. For example, understanding rail safety and regulations are an essential part of our business and are aligned with expertise in PRM-TSI and integration.

CDT are often a catalyst, ensuring design is wholly integrated within an enterprise, aligning railway requirements railway with operation and regulations, creating conditions for change and growth. Mobility is not an easy sector to innovate or introduce change but an inclusive design skill-set is an essential part of our approach and valuable in changing culture.

We have been working in advance design definition and the alternatively powered RS sector for some considerable time and look forward to meeting others involved in this area too, specifically opportunities for decarbonisation, and powering both new and renovated rolling stock.

CDT are looking for new business development, collaboration, next generation trains and systems.



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# CrossTech

[www.crosstech.co.uk](http://www.crosstech.co.uk)

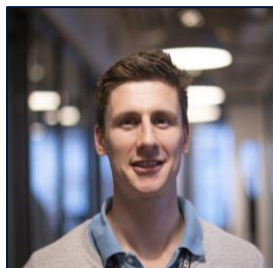
## Global leaders in automated computer vision systems for rail infrastructure inspection

CrossTech develops cutting-edge automated computer vision inspection software for the railway industry. Our expertise is in AI Image Processing, Automation, Computer Vision Analytics and User-Centred software design and build. We have a dedicated and expert team of in-house PhD level computer vision, software and embedded systems engineers supported by product management excellence. We're already helping some of the world's most demanding railway systems improve operational performance, efficiency, and safety by locating and / or predicting potential hazards before they cause delays or potential risks. With support from Network Rail, Innovate UK, Department of Transport and Department for Business and Trade, CrossTech has gone on to be one of Great Britain's leading rail and AI technology success stories.

We are ISO 27001 (Information Security Management Systems) and ISO 9001 (Quality Management) compliant.

We develop and run the first AI system in widespread operational use by Network Rail and Train Operators.

Inspecting over 5,000KM of track each month from in-service trains using the award-winning Hubble system.



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# Elite KL

[www.elitekl.co.uk](http://www.elitekl.co.uk)

Elite KL Ltd design, manufacture and supply Heating, Ventilation and Air Conditioning (HVAC) Systems, Auxiliary Power Systems and Heat Exchangers / Cooling Groups. We offer products that are reliable, low weight, high efficiency, high performance, electrically, hydraulically, or mechanically driven and are environmentally friendly (low ozone depletion, high efficiency).

Our skilled team work closely with our customers and are focussed on, attention to detail, customer requirements, cost effective design and products, on time delivery, industry leading product quality, meeting relevant industry standards and ongoing product support.



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Holding Power

# Ellis

[www.ellispatents.co.uk](http://www.ellispatents.co.uk)

Ellis (UK) are the global leaders in the design and manufacture of safety critical electrical cable cleats and fixing solutions. Our in-house engineering capabilities allow for constant product development, innovation and the creation of bespoke solutions for individual project specifications.

Our cleats are used by customers in over 50 countries to protect the electrical supply to vital operations and ensure systems keep running safely and securely in the event of a short circuit.

Each of our cable cleats are manufactured to the International recognised cleat standard IEC 61914 and short circuit tested prior to being brought to market. We provide detailed project specific cleat spacing calculations upon request as well as all technical test reports.

Our products are specified and installed across a broad spectrum of industries and installation types, from major rail to substations, oil & gas, windfarms, datacentres and transport infrastructure projects.

Ellis cable cleats are supplied globally into the rail & metro markets to Network Rail (UK), London Underground (UK), RailCorp (Australia), MTRC (Hong Kong) to name just a few.

Ellis also manufactures and supplies bespoke polymer cable hangers into the rail sector. The cable hangers are tailored to each projects requirements and are extremely anti-corrosive resulting in a very long design life. These hangers are manufactured in either an approved London Underground LSF material (LUL 1- 085) for indoor rail tunnel applications or UV material for outdoor rail applications and have the option of a curved backplate (for tunnel walls) or straight backplate.

Our strong network of worldwide distributors help to deliver technical expertise to secure international rail sector projects.



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## ERG International UK Ltd

[www.erg-int.co.uk](http://www.erg-int.co.uk)

ERG International Group is a global, multi-award-winning design, engineering and construction company with dedicated in-house capital raising facilities. Since incorporation in 1972 ERG International Group has completed projects in the power, water and transportation sectors with a value exceeding \$20bn. As a multi-disciplinary organisation, we manage all stages of a project's life cycle, from the project development through to completion and operation. ERG International Group designs, finances, builds, operates and maintains long term infrastructure projects and solutions. The Group operates globally with offices in the United Kingdom, Switzerland, Austria, Italy and Turkey with over 9,000 employees.

In 2022 ERG International Group successfully closed the EUR 2.1 billion Ankara-Izmir high-speed rail project. The green financing, guaranteed by United Kingdom Export Finance is the largest ever sustainable civil infrastructure project backed by the UK. The 530km railway line will decarbonize travel and help the Turkish government meet their COP26 climate commitments. The railway line will reach a top speed of 250 km/hour, shortening the traveling time between both cities from 14 to 3.5 hours.



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# Francis Kirk

[www.franciskirk.com](http://www.franciskirk.com)

## Francis Kirk – Your Trusted Partner for Engineering Solutions

For over 150 years, Francis Kirk has long been regarded as experts in the engineering and fastening sectors. We've been producing and supplying innovative fasteners, fixings, and tools to the rail industry, and many others, since 1868.

With rail networks spanning the planet, our business, too, is global, with distribution in over 50 countries, through experienced key partners who keep the supply process streamlined and frictionless for our customers and end-users.

As an established leader in rail safety supplies, we are a trusted provider of excellent engineering solutions and products that rail industry customers rely on to keep their operations and reputations safe. From Philidas, the all-metal, self-locking nut brand, that is exclusive to Francis Kirk through to nuts, bolts, screws, threaded rods, washers, anchoring products, dowel pins and keys – at Francis Kirk, we have got you covered.

Through our extensive engineering experience and company ethos of value and quality with integrity, we have become a Network Rail-approved supplier, as well as an exclusive approved distributor of accredited, industry-leading brands like Philidas, Unbrako, Holo-Krome and Nord-Lock.

In fact, for well over a century, we've been supplying the fasteners and fixings that hold the world's railways together – literally.



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# Fujikura

[www.fujikura.co.uk](http://www.fujikura.co.uk)

Fujikura is a world-leading manufacturer of fibre optic products and connectivity solutions for a diverse range of industries including telecoms, energy, automotive, medical, data centres and transport. Our products include Optical Cables, Fibres, Splicers and Connectivity solutions.

Fujikura Limited, founded in 1885, has been represented in Europe for almost 40 years, with a European base of operations in London, UK. The company is listed on the Tokyo Stock Exchange and is a constituent of the Nikkei 225 stock index. Fujikura, through a network of companies based in UK serves the European markets with cutting-edge products and technologies designed and manufactured in the UK.

With around 300 employees based in 4 locations in the UK, the Fujikura group of companies' capabilities include manufacture and assembly of fibre optic cables eligible for railway and metro applications. Clients in the UK, Germany, Austria, the United States and Australia rely on Fujikura's high quality, innovative ribbon fibre cables to run their communications services on Conventional, High Speed, Suburban and Metro networks.

Our fibre cables are built to meet the toughest industry standards and are specifically certified for use, among others, along Network Rail's infrastructure, including tunnels and bridges.



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# Haptic Architects

[www.hapticarchitects.com](http://www.hapticarchitects.com)

Haptic Architects is an architectural design practice based in London, Oslo and Bilbao. Our love of design, rooted in Scandinavian values, inspires everything we do. We work all over the world, creating places that make people happy.

We have extensive international experience in rail, aviation, infrastructure and masterplanning. Some of our prestigious projects include High-Speed Rail 2 Euston Station in London, UK, Istanbul Airport and Noida International Airport, India's first net zero airport.



## High-Speed Rail-2 Euston

Project Team:

Arup, WSP, Grimshaw Architects, Haptic Architects



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# Hemisphere Freight Services

[www.hemisphere-freight.com](http://www.hemisphere-freight.com)

Founded in 1989, HEMISPHERE Freight Services Ltd., has continued to provide an independent, first class, efficient and cost-effective transport solution by air, sea, rail and road on a global scale. We are headquartered in Ipswich to the major port of Felixstowe with branch offices at London Heathrow and Liverpool giving total coverage of all the major ports and airports throughout the UK.

HEMISPHERE is your one stop global logistics solution. As your partner in the UK, we promise our best service and most competitive rates.

Hemisphere has an extremely proactive, motivated and enthusiastic team who will pro-actively try to assist your business to grow through our portfolio of services. We place a strong emphasis on delivering the highest quality professional customer service throughout our company, backed up with strategic alliances around the globe.

Together with our partners we can offer full import, export and cross trade services on a door-to-door basis. As well as offering International and Inter-European services, we can offer full warehousing and distribution services throughout the UK. We tailor solutions to meet our customer's needs supported by state-of-the-art IT systems.

Hemisphere's Services:

- Out Of Gauge / Break Bulk / Project cargo
- Liner services (including dry containers and flat racks / open top containers).
- Ro/Ro services -Ocean freight
- Imports and Exports to / from all major Turkish ports and Airports
- Marine insurance
- Packing / Crating and container loading / unloading
- Warehousing (5 UK Warehouses including a brand new 250,000 Sq Foot fully carbon neutral facility)
- Air freight



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# Hitachi Energy

[www.hitachienergy.com](http://www.hitachienergy.com)

Hitachi Energy is a global technology leader that is advancing a sustainable energy future for all. We are advancing the world's energy system to be more sustainable, flexible, and secure, and we collaborate with customers and partners to enable a sustainable energy future – for today's generations and those to come.

Hitachi Energy has a proven track record and unparalleled installed base in more than 140 countries, serving customers in utility, industry, transportation, data centers and infrastructure sectors.

We are technology leaders at the forefront of evolving the world's future energy system. Our innovative technologies help to increase access to affordable, reliable and sustainable energy that's vital for society to prosper and progress. Consumers needs and lifestyles are also evolving, and our forward-looking technologies help to make the energy system more resilient, secure and safe.

Electricity will be the backbone of the carbon-neutral future and together, with customers and partners, we are co-creating solutions that are helping to accelerate the energy transition. Customers count on our technologies to help them to integrate huge volumes of renewable energy into the world's grids and manage increasingly levels of complexity; and our technologies are also instrumental to the electrification of transportation, industry and smart life sectors.

Recognized as pioneers for more than a century, we bring a mindset of anticipating future needs to ensure that customers succeed in their goals. We believe that diversity plus collaboration results in great innovation. As we drive towards a carbon-neutral future, our teams are continuously innovating and inspire action to deliver economic, environmental and social value for generational impact.



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## Hitachi Europe

[www.hitachi.eu](http://www.hitachi.eu)

Hitachi Europe Ltd., a subsidiary of Hitachi, Ltd., is headquartered in Buckinghamshire, UK. The company is focused on its Social Innovation Business - delivering innovations that answer society's challenges. Hitachi Europe and its subsidiary companies offers a broad range of information & telecommunication systems; rail systems, power and industrial systems; industrial components & equipment; automotive systems, digital media & consumer products and others with operations and research & development laboratories across EMEA.



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## Hitachi Rail

[www.hitachirail.com](http://www.hitachirail.com)

Hitachi Rail is a global player in the railway sector: an integrated group capable of offering rail transport vehicles, signalling systems and digital technology, service & maintenance activities as well as turnkey solutions worldwide.

### STS - Signalling and Transportation Systems



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**HITACHI**  
Inspire the Next

## GTS – Ground Transport Systems



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# hyperTunnel

[www.hypertunnel.co.uk](http://www.hypertunnel.co.uk)

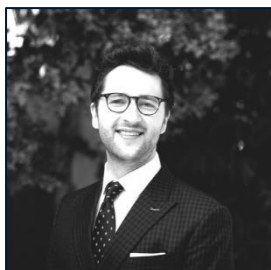
hyperTunnel is a tech company that is transforming the way underground structures are designed, built, and maintained.

Their revolutionary approach uses digital in-ground surveying, digital twins, machine learning, additive manufacturing principles, robotics and swarm construction techniques. This amalgamation of proven technologies from other industries is orchestrated by their advanced AI and VR systems.

hyperTunnel's advanced scanning and construction robots have the unique ability to swarm throughout the entire construction space, working simultaneously everywhere. This modular system is designed to integrate seamlessly, which can be applied to various sectors including rail, road, utilities, mining and underground asset management.

hyperTunnel can operate almost anywhere, from complex urban centres to remote locations, and construct or improve any type of underground space. Importantly, their approach requires no human presence underground during construction.

In comparison to traditional methods, hyperTunnel's technology allows operators to reduce their environmental and social impact, construction time, costs and safety hazards, enabling them to competitively deliver high-quality underground construction projects, whilst optimising profitability and minimising risk.



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# JCB & SİF

[www.sif.com.tr](http://www.sif.com.tr)



## SİF İŞ MAKİNALARI

Founded in 1956 by Sezai Türkeş-Feyzi Akkaya as a subsidiary of STFA and Işıklar Holding, SIF İş Makinaları has been expanding its activities in the construction equipment sector since then.

As a well-known JCB distributor, all sales and marketing operations of JCB branded machinery in Turkey are carried out under the name of SIF JCB. SİF JCB currently has sales points in İstanbul, Ankara, İzmir, Adana, Bursa and Diyarbakır. SIF also has 7 SIF-owned service points and 34 authorized service subdealers in order to provide the highest quality service to its customers all over Turkey.

Being aware of the fact that every investment made should be aimed at customer satisfaction at every step, SIF always aims to develop its efficient and strong human resources in order to continue to take important steps towards being unique in the sector.

Product Range: Backhoe loaders, telescopic handlers, wheel loaders, crawler excavators, wheel excavators, compaction equipment, mini excavators, and skid steer loaders.



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# KeeSafety Group Limited

[www.keesafety.ae](http://www.keesafety.ae)



Kee Safety Limited is a company that provides safety solutions for the rail industry. Their products are designed to protect workers and the public from potential hazards associated with working at height or in areas where there is a risk of falling.

Kee Safety's range of safety products includes guardrails, handrails, walkways, and other fall protection systems that are used in railway maintenance and construction applications. These products are designed to comply with relevant safety standards, such as EN 14122, EN 516, and EN 13374, and they are tested to ensure their reliability and durability in real-world situations.

Kee Safety's safety solutions have been used in a variety of rail applications, including train stations, maintenance yards, and trackside areas. They work closely with rail industry professionals to understand their specific safety needs and develop customized solutions that meet those needs.

Overall, Kee Safety Limited plays an important role in helping to ensure the safety of workers and the public in the rail industry.



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# LB Foster

[www.lbfoster.com](http://www.lbfoster.com)

# LB Foster®

Friction Management

We operate in Rail. We are a specialist, end-to-end supplier to the global railroad sector. We apply innovative technologies that transform the safety, reliability and efficiency of rail networks around the world.

L.B. Foster offers a full suite of track components, Friction Management products and services, Total Track Monitoring products, and Rail Technologies that support critical rail infrastructure and safety.

As the global leader in railroad Friction Management, L.B. Foster is the trusted expert in implementing, assessing, and optimizing a FM programme. It is our mission to help specifiers and engineers understand the real advantages of installing friction management solutions. The reasons we apply friction products on the gauge face or top of rail - and in certain instances both - vary according to the location and track characteristics.

We look at the range of solutions in three groups, [Rail Lubrication](#) , Friction Modification and [Track Enhancement](#). All our solutions in these three areas, whether applied on the track by trackside equipment or applications on-board the train itself will offer immediate benefits to operators. These include reduced noise, improved fuel efficiency, protection of rail assets or extended asset life. The returns are not just for network owners and operators. The human, social and community benefits of reducing noise caused by wheel squeal are incalculable and a hidden return often overlooked in favour of reduced capital outlay.

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Company Brochure





# L.C. Switchgear Ltd.

[www.lcswitchgear.co.uk](http://www.lcswitchgear.co.uk)

LCS design and manufacture **DC and LVAC switchgear** and associated products. Our key markets and products are:

## Rail

- Key supplier of safety critical equipment to Network Rail & London Underground
- DC on load and off load switches and isolators
- Short circuiting & bonding switches



## Light Rail, Metro, & Trams

- Sub-station & Trackside switchgear suitable for DC Third Rail powered or overhead systems.
- Vandal proof and high corrosion resistant enclosures.
- Our customers have included; Docklands Light Railway, Nexus (Tyne & Wear Metro) Blackpool Transport, and Dublin Public Transport.



## Depots

- Extensive range of indoor and outdoor depot equipment.
- DC Shore Supplies, Stinger Systems, Contactor Panels, Isolation & Bonding equipment.
- Emergency Power Off, Overhead status indicators, Lighting panels, Mimic Panels



## Healthcare, Education, Government, Industrial, & Commercial

- Low Voltage AC switchboards to BS EN 61439-1
- Power Distribution Units and Changeover Panels
- Bespoke or modular design



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# MacRail

**Macrail.co.uk**



MacRail leads the market in site access control and site setup services, with over 20 years of experience.

Our innovative site access control solutions provide peace of mind, convenience, and reduced problems on site through our user friendly, secure, and trusted solutions. Using our best-in-class access management, we will help you improve your speed of access, safety record, cost control, and ultimately your profitability, all in a sustainable way.

Established in 2001, MacRail has a strong reputation for placing health and safety at the core of everything we do. Our range of services provide our clients with unique, digital solutions designed to ensure projects run safely and smoothly from start to finish.

Our key services include facial recognition technology, an app for site access control, independent gatekeepers, software solutions, fatigue management and rostering, 24/7 control room services, a one-stop-shop service for full site setup of worksite compounds and a zero-friction automated solution for tracking and monitoring of assets.

Our facial recognition technology supplies faster and safer site access, ensuring only authorised personnel enter site and the exact identification of workers. Our intuitive MacRail app streamlines the site access process, offering real-time information to project managers and reducing unauthorised access risks. Our independent gatekeepers, known as SACs, are the eyes and ears of the project, enforcing site rules and ensuring that everyone gets home safely.

We offer software solutions to help with worksite management, including a fatigue rostering system linked with the HSE calculator, supplying live fatigue and risk scores. Our 24/7 control room services offer round the clock support and remote booking in services, giving project teams reliable assistance at any hour, reducing on-site delays, and enabling more responsive site management.

Our digital signage provides our clients with engaging communication options, whether for bespoke messaging or vital health and safety information. Our one-stop-shop service for full site setup of worksite compounds takes the pressure off the project team, allowing them to stay focused on delivery.

Our latest solution, Location360, is revolutionising safety with accurate location monitoring, and allows you to track the movements of valuable assets within a defined perimeter.

MacRail's solutions deliver peace of mind, efficiency and a safer environment to every project.



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# Mima

[www.mimagroup.com](http://www.mimagroup.com)



Mima is a human-centered design practice with over 45 years of heritage in blending insight into human behaviour with design thinking.

From international transport hubs and control rooms to exhibitions and attractions, we solve the big challenges with a human-scale approach. We use deep research, creativity, insight and expertise grown over decades to shape digital and physical solutions. They engage us, keep us moving, and connect us. And they succeed because their design begins and ends with people, always. We're experts in human behaviour and design.

We are a multi-disciplinary practice bringing together human factors, ergonomics, user research & behavioural science with service design, experience design, wayfinding design, information design, UX/digital design, immersive technology and interior/workspace design. We are leaders in inclusive design, making the solutions we design accessible to all. Our accessibility team brings lived experience of disability to the design process. Mima also has business-supporting experience and is part of the Valuable 500's Valuable Directory, a collection of 77 businesses globally with expertise in access and inclusion, ready to support leading international organisations in reaching their aspirational disability, inclusion and equity goals.

Our work in rail spans human factors integration, workload assessment, control room design, station design, rolling stock design, signalling & control system HMI design (TMS, ETCS, ARS), and depot & maintenance ergonomics,

Our main studio is in London but we have satellite studios in Cambridge and Glasgow. We also have a residency at the Digital Catapult in Brighton which leads our innovation work in immersive technology & design.

Our rail clients include Network Rail, Transport for London & London Underground, Siemens, Hitachi, Abellio, Alstom, Govia Thameslink, Southwest Trains, Resonate, Telent. We have collaborated with designers & engineers including Grimshaw Architects, Foster & Partners, Weston Williamson & Partners, WSP, Jacobs, Aecom, Arup, Wilkinson Eyre Architects and Arcadis.

Other clients include NHS, Dubai Expo 2020, Reliance Industries, Heathrow Airport, Science Museum Group, Jaguar Land Rover, CERN, Royal Museums Greenwich, Guide Dogs for the Blind, Ambassador Theatre Group, Dublin Airport, Equinor and University of York.



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# Mosaic Rail Ltd

[www.mosaicrail.com](http://www.mosaicrail.com)

Cost Effective Signalling Solutions



Mosaic Rail is a forward-thinking company dedicated to transforming the rail industry through cutting-edge technology, advanced infrastructure solutions, and sustainable practices. Our expertise spans across rail signalling design and principles, track maintenance, digital railway control systems, and consulting services, ensuring safer, more efficient, and modernised rail networks.

## Mission Statement

To transform the railway signalling sector by providing innovative, reliable, and cost-efficient solutions that actively drive down implementation and whole life costs, enhance efficiency, and improve safety and sustainability.

## Our Core Services

Rail Signalling & Systems Integration – Development and implementation of modern signalling solutions to improve rail network safety and capacity.

Infrastructure & Maintenance Solutions – Advanced maintenance programs and track optimisation strategies for long-term reliability.

Consulting & Project Management – Expert advisory services for railway modernisation, compliance, and operational efficiency.

## Why Choose Mosaic Rail?

Innovation-Driven – Leveraging the latest technologies to optimise design production and delivery.

Agile – We take a flexible, local approach, enabling us to integrate quickly with our clients and support them in the fastest, most efficient way.

Reliability & Safety – Commitment to delivering high-quality, safety-compliant rail infrastructure.

Global Expertise, Local Impact – A team of industry experts with experience in both regional and international rail projects.

## Sectors We Serve:

- Passenger Rail
- Freight
- High-Speed Rail
- Metro & Light Rail Systems



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## Mosdorfer Rail

[www.mosdorfer.com](http://www.mosdorfer.com)

Mosdorfer Rail is owned by the The Knill Gruppe which is a globally active group of companies with 27 companies in 17 countries around the world, headquartered in Weiz, Austria. Managed in the twelfth generation by the brothers Christian and Georg Knill, the companies are among the world market leaders in the two core divisions, the energy sector (Knill Energy Gruppe) and special machine construction (Rosendahl Nextrom Group). Wherever investments are made today in infrastructure in the fields of energy, communication and mobility, products and solutions from Knill Gruppe companies can be found.

With its products and systems, the Knill Energy Gruppe makes a significant contribution to the smooth supply of electricity worldwide. The core competencies of the Knill Energy companies lie in the development, manufacture and sale of damping systems and fittings for high-voltage overhead lines, distribution systems for low and medium voltage, monitoring systems and digital services for line management, components for overhead switchgear, rail infrastructure equipment and cabinet systems for energy, telecommunications, and traffic control systems.

The Mosdorfer Rail Division is a leading manufacturer and supplier of catenary systems for the global rail industry. On the product side, the recent acquisition from PFISTERER's encompasses the complete product range for rail infrastructure in the overhead contact line sector, including anchoring and tensioning systems. This includes catenary systems, contact wire tensioning systems (Tensorex), cantilevers, section isolators, clamps and connectors.



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# Mott MacDonald

[www.mottmac.com](http://www.mottmac.com)



Mott MacDonald Group is an independently owned EUR 2 billion business spanning 150 countries with over 16,000 staff working in all sectors. The Mott MacDonald Group has been working in Turkey almost continuously since the early 1970s. In 2010, Mott MacDonald Group has established Mott MacDonald T Consulting Engineering Ltd. in Istanbul. Mott MacDonald T is a fully registered Turkish consultancy company that can serve our global clients' local needs in Turkey for the full range of Mott MacDonald's global services. We can leverage our local establishment to provide local engineering and consultancy skills, form local partnerships and build local alliances in order to serve our international as well as local clients. Our global reach allows us to deploy the right mix of international and local expertise to provide optimal solutions to our clients' needs.

As Mott MacDonald Turkey, we provide:

- Locally qualified, world class technical staff
  - Knowledge of the local market
  - Language skills
  - Local contacts network of contractors, consultants
  - Local contacts network of international banks and IFIs
  - Affinity with local culture and traditions
- in the country's transportation, education, power, water, and health sectors.



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# Muirhead

[www.muirhead.co.uk](http://www.muirhead.co.uk)



Muirhead, part of Scottish Leather Group, is a trusted manufacturer of the lowest-carbon genuine leather. Coupled with unparalleled technical excellence, it offers superior comfort and durability for all modes of passenger transport seating.

Established in 1840, our company manufactures in Scotland and exports to airlines, rolling stock projects, buses, coaches, and marine sectors worldwide daily.

Our recent substantial investments in cutting-edge technology and production techniques have not only solidified our position as the leading supplier of the lowest carbon independently verified natural leather worldwide but also underscored our unwavering commitment to innovation and sustainability. This commitment ensures that our products are not just high-performing but also ethical and forward-thinking.

In addition, our new full passenger seat Fire Resistance Lab allows us to support all seat makers, rail operators, and rolling stock manufacturers in finding EN45545 / 16989 leather solutions for the passenger environment.

We specialise in new builds, refurbishments, and upgrades. Muirhead high performance leather is used on trains in Japan, South Korea, Australia, Europe, and the UK to provide durable, sustainable, hygienic, and low-maintenance seat coverings.



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Nextec Engineering Limited is a specialist consultancy with extensive experience in Systems Engineering, Safety Engineering and Assurance Activities.

Nextec Engineering provide:

- High-quality system safety, reliability and risk engineering consultancy services
- Comprehensive safety and risk assessments and safety plans for railway operations
- Expertise in industry-specific safety regulations and guidelines
- Improved safety and reliability outcomes for railway companies and their customers

Nextec Engineering Limited has a diverse team of highly driven and competent individuals who pride themselves on the quality of their work which they aim to deliver in line with company values – Quality, Integrity and Responsibility. We are committed to delivering high-quality services that meet the highest standards of safety and efficiency. We are also committed to continuous learning and improvement, and we strive to stay at the forefront of industry trends and developments.



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LEADING THE WORLD IN ENERGY ABSORPTION

## OLEO International

[www.oleo.co.uk](http://www.oleo.co.uk)

M/s OLEO International is a leading expert in the world for energy absorption technology head quartered in Coventry, UK. OLEO provides crash energy management products and services to Rail operators and train manufacturers globally. Our products are sold through our offices in the United Kingdom, China, India, Germany, USA and through a wide range of distributors globally.

OLEO is a leading supplier of complete crash energy management devices including crash absorbers, front automatic couplers, intermediate & semi-permanent couplers & wagon side buffers, validated through our crash simulation software.

We offer DigitalTrains software solutions which provides a platform to allow key stakeholders to engage in rail projects from the project's conception and it is a cloud-based environment for digital twins combines a database of rail and infrastructure systems and sub systems with simulation tools for a wide range of applications on a virtual collaborative platform.

Digital Trains allows a virtual representation of the rail network to be created and assessed long before the need to create a physical network.

OLEO International are a globally approved Buffer stop solution provider we supply global markets for high speed, Mainline, Metro, LRV& Freight. Specializing in gas hydraulic & friction bufferstop solutions specifically designed for project needs with DigitalTrains.



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# Onwave

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Our team has a successful history in improving operational performance and Safety for the rail industry. We offer a leading connectivity service used by major UK companies. Our expertise spans Construction, Engineering, Rail, Utilities and Government Services, providing us with valuable insights into industry challenges and how technology can help to solve them.

Our connectivity services include WAN, LAN, mobile voice, and data, IoT, managed print, cellular coverage enhancement, wireless solutions, and site-wide connectivity through local private networks.

We take pride in our Onwave service, emphasising six key areas:

- **Fast deployment**, mobilizing in <72 hours from initial contact.
- **Fully managed** bespoke service with a dedicated Accounts Manager.
- **Solution-focused** approach, finding the best solutions for each project.
- **Flexible** billing and data options tailored to your business.
- **Valuable experience** in understanding industry contractor challenges.
- **Continuous support** from industry experts, just a phone call away.

At Onwave we also create digital technology for the infrastructure sector to improve both Safety and efficiency. Our core solution is OWL geo-fencing, a SaaS solution to enhance the Safety of lone workers and field operatives using geofencing and location-based data. OWL consists of three main components: a Portal for real-time data access and geofencing setup, an App for real-time communication with workers, and high-performance positioning devices for increased awareness when needed.

Using the OWL technology helps you to enhance the Safety of your team and gives them the tools to help them work more efficiently too.



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# Pandrol UK Limited

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Pandrol defines the industry standard across rail fastening systems and aluminothermic welding. We've created rail infrastructure in more than 100 countries with our products and services extending to designing, developing and manufacturing equipment to make constructing and maintaining railways more efficient. That means we've experienced just about every situation, problem, question and solution before.

At Pandrol we believe in quality above all else – a commitment that stretches from the products we make to the service we provide. We share our global knowledge so our partners can reach objectives quickly and efficiently. We invest as much time in developing our service and relationships as we do developing new solutions.

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## Petards Joyce-Loebl

[www.petards.com](http://www.petards.com)

With over 60 years of experience in the rail industry, Petards Rail is an established and trusted global provider of intelligent train technology. We combine our rich heritage with an innovative approach, to deliver to our customers cutting-edge data and video technology.

Whether you require a robust and futureproof, stand-alone product or an end-to-end solution, we have the experience and the expertise to meet your needs. Tried, tested, and trusted throughout the rail industry, our technology includes forward facing and rear facing cameras, track debris cameras, Driver Controlled Operation, Automatic Selective Door Operation, interior cameras, and pantograph surveillance cameras and illuminators. Our eyeTrain solutions combine to deliver digital on-train surveillance subsystems to maximise passenger safety, optimise train performance and meet ever increasing passenger and industry demands.

What's more, you can harness the power of data with our eyeBos software which supports all our products. It allows you to monitor and analyse status, condition, and positional data in real-time to help you avoid service delays and reduce the risk and impact of incidents and failures.

With decades of experience in the rail industry, we are well positioned to support organisations throughout the sector, from rolling stock companies and freight organisations, to train operators and builders.



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## Premier Rail Pits

[www.premierpits.com](http://www.premierpits.com)

### *Transforming loco & rolling stock maintenance*

Premier Pits is the UK's longest-established manufacturer of prefabricated pits, having been the leading name in the sector for over 30 years. We offer a range of inspection, maintenance, UK Authorised Testing Facility pits, and rail pits, along with accessories and safety products. The company provides a comprehensive service, from consultation to project completion, tailoring solutions to clients' specific needs.

Premier Pits' prefabricated steel maintenance pits make a significant contribution towards enhancing workshop productivity, offering a safe, well-lit environment for your technicians.

Premier Rail Pits arrive on site with the access steps, lights and air points built in, and pit installation times are cut by up to 70% compared with reinforced concrete, with the product being fully watertight and easy to maintain.



There are five pit types in the Premier Rail Pit range, each designed to cater for various maintenance of the bogies and undercarriage of any type of loco or rolling stock. We can also work with you to create a bespoke product tailored to your requirements.

### Product Features

- Fully welded steel construction incorporating steel reinforcement for tying into the floor slab
- Site specific structural calculations
- Built in services such as safety lights and air lines
- Manufactured and installed to very tight tolerances
- Full range of safety products available
- Galvanised under chassis and bogey wash down option



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## PriestmanGoode

[www.priestmangoode.com](http://www.priestmangoode.com)

PriestmanGoode is widely recognised as one of the world's leading design studios working in transport today.

Our expertise spans everything from rail to aviation, autonomous vehicles, cruise ships and personal transport. We work with operators, rolling stock manufacturers and across the supply chain on both industrial and vehicle design, as well as branding, interiors and customer experience, and have a proven track record of delivering ground-breaking transport solutions for our clients.

Moreover, we regularly develop our own initiatives around future mobility solutions. These projects give us an opportunity to address issues – from accessibility to sustainability – that we believe lie at the heart of successful future transport.



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## Progress Rail Services

[www.progressrail.com](http://www.progressrail.com)

Progress Rail is one of the world's most diversified railway focussed companies. Progress Rail's portfolio covers rolling stock, infrastructure materials and signalling systems. Headquartered in Alabama USA with key manufacturing sites across North America, the United Kingdom, the European Union and Australia we have a global reach. Progress Rail is owned by Caterpillar Inc. one of the world's foremost industrial brands and operates as Caterpillar's Rail Division.



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RailSense Solutions supply leading technologies to rail operators, asset maintenance and infrastructure owners to provide solutions for the condition monitoring and predictive maintenance needs of track and railway infrastructure.

The RailSense product range for remote, real-time monitoring includes:

- VoidSense® - Sensing voids and under-track movement
- TempSense® - For Critical Rail Temperature (CRT) and temperature tracking
- TrackWater® - Flooding alerts and silt level sensor to monitor drainage assets
- BuckleSense® - Watching for possible hot-weather buckle occurrences
- GaugeSense® - Measure changes in gauge and track geometry remotely
- MultiSense® - Allowing multiple wireless sensor configurations over a wide area of rail

All products provide a remote monitoring dashboard, alarms, and predictive maintenance capabilities.

RailSense solutions are used throughout Europe and sit at the heart of infrastructure monitoring, continually measuring and reporting on key infrastructure assets such as track, cabinets, cranes and bridges for parameter changes.



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# Sustainable Finance

[www.ramboll.com](http://www.ramboll.com)

**RAMBOLL**

Founded in Denmark in 1945, Ramboll today operates across 35 countries. We combine deep local insight and experience with a global knowledge base to create sustainable societies and drive positive change for our clients.

Ramboll has a dedicated Global Sustainable Finance team that focuses on E&S advisory services to the benefit of financial institutions. The team has extensive experience in providing ESDD, ESIA and E&S advisory services to both project sponsors and lenders. Ramboll has undertaken services for lenders and finance parties on over 200 major projects, in almost all countries globally and across all sectors.

The Global Sustainable Finance team has extensive experience working in the Turkish market including providing E&S services on nearly 1000 kilometres of railway across Türkiye. In addition to current rail infrastructure projects, Ramboll is also leading on E&S advisory for active green transition projects. Through this varied experience and our network of trusted in-country experts the team is able to combine local knowledge with sector leading strategic and technical expertise to deliver consistently high-quality advisory services.

We have a deep knowledge of the Lenders' standards including the Equator Principles, International Finance Corporation (IFC) Performance Standards, World Bank Group Environment, Health, and Safety (EHS) Guidelines, and Organisation for Economic Co-operation and Development Recommendations for Common Approaches to the Environment (OECD Common Approaches).

We have a strong working relationship with a diverse range of financial institutions including development banks, commercial banks, and export credit agencies (ECAs), built upon our robust but pragmatic application of standards in project finance.



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**RYZE**  
HYDROGEN

# Ryze Hydrogen

[www.ryzehydrogen.com](http://www.ryzehydrogen.com)

## Unlocking the UK's Green Hydrogen Economy

Ryze a UK based organisation focusing on supplying clean hydrogen and hydrogen infrastructure for transport, industry and other applications across the UK.

Ryze offers comprehensive solutions that include the sourcing of hydrogen, transport, distribution and infrastructure development.



### SUPPLYING THE U.K.'S HYDROGEN

Hydrogen can decarbonise U.K. transport, homes and industry



### SAFEST TRANSPORTATION & STORAGE SOLUTIONS

We use world-leading technology to transport and store our hydrogen safely.



### CREATING AND SUSTAINING U.K. JOBS

We're creating green jobs nationwide, building our hydrogen industry.



### STRENGTHENING U.K. ENERGY SECURITY

Hydrogen production can utilise the U.K.'s natural wind and water resources, decreasing our reliance on fossil fuel imports.



### SAME BEHAVIOUR

Hydrogen vehicles and applications refuel like their fossil fuel equivalents, so no change in workforce patterns.



### SAME REFUEL TIME

Zero emission hydrogen vehicles take no longer to refuel than diesel vehicles.



### SAME RANGE

Hydrogen has the same range as fossil fuel alternatives, and with zero emissions.



### SAME COST

Our model ensures that hydrogen is cost comparable with diesel.

Ryze offer a full solution to enable a successful transition to hydrogen by offering all customers

- Collaborative **engagement and support**
- Provide **independent and technology agnostic** tailored solutions
- An organisation that is **customer-centric, innovative and agile**



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# QTECH CONTROL LIMITED

[www.qtechcontrol.com](http://www.qtechcontrol.com)



Qtech Control

Qtech Control Limited, an ISO 17020 certified third-party inspection company, offers a comprehensive range of services to the rail sector including inspection, expediting, witness testing, and quality control on a global scale. Our UK headquarters serves as the hub for coordinating inspections for a diverse range of industries including rail, engineering, oil and gas, manufacturing, energy, commodity trading, and marine.

We are nominated to safeguard our clients' quality interests at manufacturing sites. We accomplish this by witnessing Factory Acceptance Tests, performing quality control checks, verifying quantities against packing lists, and by supervising packing and marking. We are also often entrusted with overseeing the safe and secure loading of goods into packing cases, containers or aboard vessels. Our primary goal is to ensure that goods are manufactured in accordance with the contractual specifications and are shipped without damage and in full quantity.

To mitigate the financial impact of supplier production and delivery delays, Qtech Control provides seasoned expeditors to monitor production schedules. Their role is crucial in ensuring that vendors adhere to critical manufacturing and delivery timelines.

In Turkey, we offer discharge supervision, quality control, damaged cargo investigation, and client representation at ports, warehouses or on site.

We have extensive experience at inspecting the following goods categories within the rail sector:

- Plant and Machinery: including large scale boring machines, tracking laying machines, cranes, trucks, concrete mixing machines, tractors and excavators.
- Lighting and Signalling Systems.
- Electronic and IT Equipment: including ticketing kiosk systems, signage and electronic display boards.
- Construction Materials: including rail, fabricated metal structures / buildings / shelters, glass, cast concrete products, metals, concrete, rebar, paint and marking machinery.



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## RazorSecure tdi

[www.razorsecure.com](http://www.razorsecure.com)

RazorSecure has been at the forefront of rail cyber security for a decade, safeguarding rolling stock from evolving cyber threats. Our technology protects more than 500m rail journeys over 23 distinct fleets worldwide, deployed with leading train manufacturers and operators.

Our comprehensive product portfolio is designed specifically for rolling stock, signalling, and infrastructure systems, ensuring robust protection in a challenging rail environment. By integrating real-time, on-train analytics and autonomous decision-making, and advanced firewall solutions we provide immediate and reliable threat response and cyber security solutions

### SECURITY GATEWAY

Enforces secure separation of critical rail networks, creating a robust barrier to prevent attackers from gaining uncontrolled access to safety-critical systems. Created for both new and existing rolling stock, it uses a Layer-7 firewall with rail protocol support, providing a solution for the segregation, protection and monitoring of onboard networks.

### DELTA

A real-time Intrusion Detection System (IDS) that continuously monitors system behaviour and network traffic using anomaly-based detection to quickly identify, alert, and respond to malicious activities and security breaches. Supported by robust edge processing, Delta can be deployed as a host and network monitoring solution, providing detection of a wide range of relevant threats.

### ECHO

Provides a comprehensive view of your entire fleet's on-board systems, optimising the real-time monitoring of rolling stock and wayside infrastructure. Providing a single platform for a clear and organised view of system data and assets supporting the swift identification of problematic assets and detection of version mismatches, optimising performance and security.

### DIGITAL MAINTENANCE GATEWAY

An access control solution that secures the process of updating on-board and wayside systems, reducing maintenance time and costs while enhancing cyber security. This comprehensive digital maintenance solution enables secure remote updates and includes asset monitoring, asset management, configuration management, and audit trail features.



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# Ricardo

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We are rail industry specialists within the Ricardo Group working to ensure that communities around the world are served by safe, resilient, high-performance railways.

With capabilities in all disciplines, from rolling stock, signalling and telecommunications, to energy efficiency, safety management and operational planning, we support a client portfolio that ranges from some of the world's largest rail administrations to niche component suppliers.

Our expertise lies in understanding the complex and critical systems that underpin an efficient rail service, providing clients with the technical skills and insight necessary to navigate the sector's operational, commercial and regulatory demands.

The cornerstone of our business is the diversity of professional backgrounds, technical disciplines and individual outlooks that we offer. Within our teams are experts regarded as amongst the best in the world in their chosen field – people with deep technical expertise who understand the rail industry's traditions and structures every bit as much as the standards and operational practices that underpin it. Working alongside them are those we have attracted from government, academia and science, as well as colleagues from across the Ricardo group who bring insight from areas such as motorsport, environmental regulation and clean energy generation.

And whether providing strategic counsel at board level or implementing safety-critical technologies with frontline teams, our commitment is the same: expertise that is informed and impartial, responses that are as pragmatic as they are impactful; and innovation that enhances rail's reputation as a safe and sustainable mode of transport.



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# Rolls-Royce Power Systems

[www.rolls-royce.com](http://www.rolls-royce.com)



Rolls-Royce is a global company providing highly efficient integrated power and propulsion solutions for civil aerospace, defence and power systems businesses. We support our customers through a worldwide network of offices, manufacturing and service facilities.

Turkey represents a strategic market for Rolls-Royce and is a priority country which we are developing a long-term partnership with. Our corporate office in Istanbul was established in 2012 and span across all our business segments. We have Airline Support Team at Turkish Technic Yesilkoy facilities providing on-the-ground support to our airline customers in Turkey & Central Asia. Rolls-Royce Power Systems (RRPS) has been in Turkey since 1990 and has a production facility and offices in Istanbul as well as representative offices throughout the country.

RRPS engines power a wide range of civil and defence applications in Turkey. RRPS Turkey employs over 120 people and has a number of offices and facilities across the country.

RRPS business includes the world-renowned MTU brand high-speed diesel engines and propulsion systems for ships, heavy land, rail, defence vehicles, and oil and gas industry as well as diesel generator sets and cogeneration solutions for emergency and base/peak load applications. RRPS Turkey has been providing diesel power plant solutions to Turkish Army since 1990s. Power packs of MILGEM Corvettes and Turkish coastguard vessels are powered by RRPS products.

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Rowe Hankins Ltd.

# Rowe Hankins Ltd.

[www.rowehankins.com](http://www.rowehankins.com)

## Trainborne & Trackside Product & Systems

Rowe Hankins specialise in innovative Trainborne & Trackside Product & Systems for the worlds railways.

Based in the Northern Power House of the UK and working closely with rolling stock manufacturers, fleet operators, track owners and infrastructure contractors our experienced engineers have a long and successful proven record of success, providing the highest level of service to rail projects worldwide.

## Products & Services

- Geartooth Tachometers & Speed Sensors
- Magnetic Encoders
- Signalling Approved Non-Intrusive Current Monitors
- RCBO's & Circuit Protection
- Intelligent Friction Modifier and Lubrication Systems
- AC & DC Earth Leakage Units
- Product & Project Design and Consultancy Services
- OTDR (On Train Data Recorder)
- Earth Grounding Return Units
- Engineering Design Facilities
- High Current DC Testing & Overhaul Services

## Paige Ward

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# RSK

[rskgroup.com](http://rskgroup.com)



Established in 1989, RSK is Europe's largest privately owned environmental and sustainability consultancy and a leading integrated multidisciplinary environmental, engineering and technical services provider. Present in over 40 countries, employing approximately 15,000 people around the world, we deliver end-to-end solutions to help organisations achieve their goals in a sustainable manner.

RSK supports the UK and international rail sector by providing:

- Civils, groundworks and drainage
- Environmental, consents and planning services
- Permanent way work
- Surveys and investigations.

In addition to the UK, RSK is present in Türkiye, Africa, Asia, Australia, Europe, Latin America and the Middle East – supporting clients in such countries as Angola, France, Chile, Germany, Iraq, the KSA, Mexico, the Netherlands, Peru, South Africa, Tanzania, the UAE and Vietnam.



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# RSP Rail Signalling & Power

[www.rsprail.co.uk](http://www.rsprail.co.uk)



*Rail Signalling & Power*

RSP is a manufacturing SME based in Saltash, Cornwall. Founded in 2018 the company is now wholly owned by Andy Billson and Andy Jones who, between them, have almost 50 years' experience in the rail industry.

The company has an annual turnover of circa £1.5M and specialise in the detailed design and build of electrical and electronic housings predominantly for railway signalling and electrification and plant applications.

RSP has over 100 Network Rail approved products and supplies to more than 50 different customers in the UK market.

## Core Capabilities

### Rail:

- Magshield range of approved 2BA covers.
- Full range of approved Terminal Chambers.
- Trackside Disconnection Boxes (TCBs).
- Boxes on Posts (BOPs).
- Generator Connection Points.

### Signalling:

- Half and Full Width Location Cases.
- Relocatable Equipment Buildings (REBs).
- Standalone Relay and Equipment Racks.
- Signal Aspect flashing Relays (SAFRs).

### Power:

- Full range of FSP 01/02/03/04 switchgear.
- Functional Supply Points (FSPs)
- Distribution Network Operator cubicles (DNOs).
- Points Heating Control Cubicles (PHCCs)
- Lighting Control Cubicles (LCCs)
- PSPs and ASPs



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## Scott Brownrigg

[www.scottbrownrigg.com](http://www.scottbrownrigg.com)

We are a global design leader ranked in the top 20 largest in the UK and within the Global Top 100 architectural practices. We have a vision to transform the industry and enrich lives through the built environment to create a better world.

We undertake projects across all major sectors including business space, education, residential and mixed use through to advanced technologies, hospitality, civic and cultural, aviation, rail and defence.

With experienced rail teams based in London and Singapore, we bring decades of knowledge and skills working in and around railways around the globe. Our projects range from new-build stations, to the major remodelling and modernisation of interchange stations, rail maintenance depots, refurbishment of heritage and listed buildings, and associated buildings required for the running of the railway.

Our design solutions are people-centric, focussing on the wellbeing of those who use and work in these buildings and creating accessible facilities that cater for all. Our holistic design approach ensures our solutions are buildable, operable, maintainable and affordable, and contribute positively to civic spaces in the surrounding context.

We have studios across the UK in London, Edinburgh, Guildford and Cardiff and international studios in New York, Singapore, Riyadh and Amsterdam. These together with a strategic alliance in Hong Kong enables us to serve our growing international client and project base.

We live for opportunities to push ourselves, creatively, in business and as a team.



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# Scott Brownrigg - Digital Twin Unit

[www.digitaltwinunit.com](http://www.digitaltwinunit.com)

Digital Twin Unit combines the digital design expertise of global architectural practice Scott Brownrigg with Invicara's powerful Twinit platform to offer building and infrastructure clients across the globe a Digital Twin of their asset.

A digital twin connects the physical and digital worlds. A 'live' and responsive digital replica of your building provides data that enables you to monitor, review and adapt operational and environmental performance, carry out necessary maintenance, make predictions and plan for the future.

We use the powerful Twinit platform to build a custom application to suit your business. We'll analyse your requirements and current digital systems, then help to shape your objectives. To build you a Digital Twin based on what is possible today but adaptable to the needs of tomorrow.



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# Sicut Enterprises Ltd

[www.sicut.co.uk](http://www.sicut.co.uk)

Sicut Enterprises is the market leader in the supply of composite railway sleepers and bearers made from recycled polymers. Sicut products are manufactured in the UK & US from a proprietary blend of recycled plastics reinforced with glass fibre and are reusable or 100% recyclable at end of life. Key benefits include substantial reduction in whole life cost, significant carbon savings, better performance and longer asset life compared to other sleeper materials and improved sustainability.

Sicut sleepers and bearers have been extensively tested in the laboratory and track over the past 20 years and are now installed in over 20 countries worldwide. Installations include UK, Germany, Spain, Belgium, Sweden, Norway, Netherlands, Austria, UAE, Malaysia and USA in a range of applications including main line, heavy haul, freight line, crossings, bridges, switch sets, metro lines, tunnels and mining tracks.

Sicut Sleepers have been granted full Network Rail product approval, Deutsche Bahn full General Licence and HPQ Certification, Swedish Transport Authority approval and extensive European & US public transport approvals from Transport for London, Docklands Light Railway, New York Metro, Hamburg Hochbahn, Nuremburg, Vienna, Stockholm, Brussels and Budapest to name a few.

Sicut has an extensive testing documentation portfolio, and is tested and compliant to ISO 12856:2020 and US AREMA Ch 30 (to 35mt axel loads). Sicut has independent Environmental Product Declaration certificates for PAS 2080:2016 compliance and was granted a TSI Certificate of Conformity in accordance with Directive 2008/57/EC.



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# Seetru Limited

[www.seetru.com](http://www.seetru.com)



Seetru Limited was founded in 1949 and specialises in the manufacture of Safety Relief Valves and Liquid Level Gauges.

Seetru are manufacturer of Safety Relief Valves and other special purpose ancillary valves for a wide range of compressed air, industrial gas, refrigerants, powder, steam, liquid and liquefied gas applications. Today Seetru is a market leading supplier of safety valves to the compressor industry with world-leading expertise in this field. Seetru valves are also widely used in Rail Industry (mainly in braking & pneumatic systems) across the world.

Seetru valves are approved and conform to national and international standards, which include: BS6759 Parts 2 & 3, BS EN ISO 4126-1:2004, TUV Germany AD Merkblatt A2 and EAC; they are fully comply with European Directive 97/23/EC Category 4 (PED) (reference number will change to 2014/68/EU from 19/07/2016) for equipment operating under pressure, CE marked and also TR CU 032/2013. Seetru valves also meet the requirements of ASME Section VIII Div.1 for air and gases and are available with the UV Stamp.

Seetru liquid level gauges are widely used in rail and other industrial, chemical and petroleum applications. Seetru gauges meet the requirements of SOLAS and have been approved by worldwide shipping authorities including: Det Norsk Veritas (DNV), American Bureau of Shipping (ABS), Germanischer Lloyds, Lloyd's Register of Shipping, EAC, RMRS, RRR, RINA and Nippon Kaiji Kyokai among others.

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## Siemens Mobility Limited

[www.mobility.siemens.com/global](http://www.mobility.siemens.com/global)

As a leader in transport solutions for more than 160 years, Siemens Mobility is constantly innovating its portfolio in its core areas of rolling stock, rail automation and electrification, turnkey systems as well as related services. With digitalisation, Siemens Mobility is enabling mobility operators across the UK and Ireland to make infrastructure intelligent, increase value sustainably over the entire lifecycle, enhance passenger experience and guarantee availability.



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# Softech Rail

We are a multi-disciplinary Rail Systems company established in 2005 in the UK, employing more than 100 staff across two offices in the UK and in India providing Signalling, Telecom, Overhead Line, Traction Power, PWay, E&P and IT services. We also have our subsidiary Softech Rail Pty Limited in Australia to expand our services in Rail Systems sector. We have delivered more than 100 Rail Systems projects in the UK for mainline (Network Rail), Metro (London Underground/TFL) and Tram Networks.

## Our Services for Mainline, Metro and Tram Projects:

- Site surveys, Correlation, Asset Data recording,
- Consultancy on RRI, SSI, ERTMS, ETCS, CBTC,
- Feasibility studies, Project Option Development and evaluation to choose the best viable option,
- Multi-disciplinary detailed design for: Signalling, Telecom, Level Crossing, Overhead Line, Traction Power, PWay/Track, E&P and M&E for the mainline, Metros, Trams, Depots, Sidings and LTR,
- Signalling designs using various technologies e.g. ERTMS/ETCS Level 2, SmartLock, Westrace, Microlok, EbiLoc, CBTC Systems: CityFlo 650, Urbalis and Seltrac, etc.
- Signalling and Telecom installation, Testing and Commissioning

## Softech has demonstrated over the last 100 projects:

- Fast turnaround,
- Guaranteed delivery on or before time,
- Recorded auditable and consistent high quality of our designs and build services
- Cost & Skill advantages with extreme flexibility

## Our Quality and Safety Assurance Processes and Procedures:

- a robust and detailed internal design and delivery process,
- a continually quality stats monitoring system for continual improvement,
- a robust safety and quality assurance process
- a Competency Management system and continual

staff training.

## Some of our Projects:

Alstom SmartLock signalling on Bristol and Gatwick Airport, Thameslink ERTMS Testing, Cross Rail Power and Overhead line design, Oslo Metro CBTC, Purfleet Station Modernising, Stalybridge Re-signalling, 4 Lines Modernisation (Thales CBTC for London Underground), Manchester Tram, Wimbledon Tram, London Overground Capacity Improvement, Clacton Rail Depot, Translink Rail Depot in Belfast, etc.

## Our Proposition for Australian Rail Transport sector:

Offshore-onshore mixed project delivery to reduce the costs and to bring signalling skills which are in short supply.

## Our Clients and Credentials:

We are ISO 9001:2015, Construction Line Gold and RISQS accredited (Rail Industry Supplier Qualification Scheme, a seal of quality approval for UK Rail companies).

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Companies that normally provide Software, IT Infrastructure and Communication services to the rail industry are generic by nature. Whilst some may cater for small, medium or large companies, others may cater on the public sector, rarely do they specialise in the rail industry.

Softech Digital support, maintain, innovate and evolve the highly complex and sophisticated systems necessary for the Rail industry. We have been providing the backbone for successful rail project delivery for the past 20 years.

We enable highly effective and efficient team collaboration across continents resulting in massive time and cost savings coupled with simultaneous enhancements and automation in line with the rail industry's strict processes and procedures.

We understand the highly bespoke nature of the industry's requirements, how rail projects work and just how important attention to detail is.

## **IT & Software Consultancy**

Comprehensive audits of your current systems and jargon-busting advice

## **Training**

Provision of state-of-the-art remote training with experienced British based and accredited trainers. Our unique learning platform vastly accelerates access to high quality rail industry training that maximises learners' understanding and assessment results.

## **Cost Reduction**

Identification and implementation of potentially huge savings by tweaking your IT setups

## **Automation**

By first understanding the pain points in your business processes and procedures, we can design and deliver a unique mix of technologies to vastly increase your organisational productivity.

## **Bespoke Software**

We can design, develop, deliver and maintain any software in most technologies for your needs

## **Security & Policies**

Identification of risks and execution of policies to safeguard your organisation's data

## **Communication Infrastructure**

Provision and maintenance of cutting-edge cloud technology to give you unrivalled functionality and reliability whilst saving you significant running costs.

## **Online Reputation Management**

Image is everything, today it's mostly online. We specialise in managing and safeguarding that to best serve your interests in the industry.



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## SYSTRA

[www.systra.com/uk](http://www.systra.com/uk)

SYSTRA leads the delivery of sustainable infrastructure and environments through specialist engineering and consultancy services.

A world leader in mobility and mass transit, we deliver planning and development consultancy, engineering design, project management, and specialist technical services, that enables the safe and efficient movement of people, goods and essential services. We have a rich rail heritage with experience across High Speed and Conventional Rail, as well as Mass Rapid Transit and Light Rail Systems.

With over 1000 employees throughout the UK & Ireland, SYSTRA works in partnership with clients to deliver outstanding infrastructure solutions. We solve challenges with our multi-disciplinary expertise in design, consultancy, project management, engineering and construction supervision – supporting the delivery of major infrastructure projects across the rail and wider transport sectors. SYSTRA UK & Ireland is part of the wider SYSTRA Group, a global network of over 10,000 infrastructure specialists working collectively as required to meet project needs around the world.

Our business exists to address society's needs through transport, energy and related infrastructure and services. Sustainability is about getting the balance right in addressing the complex needs of different stakeholders and earning their trust. In every project and solution we deliver, we aim to create economic and social well-being, and to make a positive impact on the environment. We provide a supportive environment for our people to thrive, learn and contribute to our sustainability mission and the social issues that matter to them.

Our work creates inspirational places and systems that connect people seamlessly, enhance well-being, stimulate economies, and provide a sustainable legacy for future generations.



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# Transport Design International

[www.transportdesigninternational.com](http://www.transportdesigninternational.com)

Transport Design International has over 30 years' experience in the transport industry and has delivered more than 135 projects across the globe.

TDI are market leaders in light-weighting technology for mass transit solutions. TDI is recognised throughout the rail sector for our knowledge and expertise in Very Light Rail.

TDI are specialists in designing and building very light weight vehicles with sustainable, zero-carbon functionality. We use the very latest in material and battery technology.

Our team are experienced in developing bespoke Very Light Rail and road transport solutions. We cover every aspect from planning, product design and engineering to vehicle manufacture and testing. We work with our customers to produce feasibility studies, route planning and terrain analysis, funding and capacity planning, future proofing, as well as vehicle design and specifications.

TDI is specialist in the design and innovation of cutting-edge vehicles with the very latest technology in light-weighting (VLR), disruptive propulsion systems and zero-emissions battery hybrids, such vehicles include Revolution VLR, Lync, Orbit and Vectus PRT.



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# Tiflex Limited

[www.tiflex.co.uk](http://www.tiflex.co.uk)

Tiflex Trackelast is a manufacturer of rail pads, baseplate pads, undersleeper pads and various mats (ballast mats, stray current protection mats, structure protection mats) for the reduction of vibration in rail track. Tiflex is also an authorised and approved supplier to many key railway organisations globally.

Tiflex Limited has specialised since 1946 in the manufacture of resilient track support materials and other components which are designed to reduce ground borne vibration from rail track. We have test apparatus specially designed and dedicated to determine the best materials and configurations for use in the rail track.

Tiflex Treadmaster specialises in fire retardant safety rubber flooring and has a long and established history of being used as the flooring of choice by leading rail operators and rolling stock manufacturers around the world. Since 1951 Tiflex have been supplying Treadmaster flooring, manufactured in the UK, to the transport industry - utilising natural materials such as rubber and cork, and applying expert technology to give the highest levels of wear and slip resistance as well as world-leading fire retardance.

Tiflex Tico has many years of involvement with the construction industry, onshore/offshore, engineering and production industries. This has led to the development of a large range of elastomer-based components that provide unique solutions for; machinery mounting, building support, vibration reduction, pipe management and noise reduction.

The quality of our products and dedication to customer service are fundamental requirements throughout the Tiflex organisation. The Tiflex quality management system is assessed regularly and is approved to BS EN ISO 9001. We have also just achieved accreditation to BS EN ISO 14001 : 2015 - Environmental Management System. In these demanding environments, Tiflex has provided and continues to provide an extensive design and problem-solving service.



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# Tilt Consulting

[www.tiltconsulting.co.uk](http://www.tiltconsulting.co.uk)



Tilt Consulting is an independent railway consultancy with a focus on Railway Integration, providing specialist skills and expertise to help develop, deploy and manage solutions for the 21st-century railway. As a trusted partner, we maximise the benefits of complex technology and deliver value throughout the project lifecycle and beyond.

We provide strategic, commercial engineering and technical consultancy services across signalling, control systems and rolling stock. Our capabilities cover concept development, system modelling, procurement, project delivery and ongoing asset management, with particular focus on integration and the management of complex large-scale rail projects.

## Our core offering encompasses:

- Business consulting services, including feasibility studies, business case development, bidding and evaluation, and programme management;
- Systems integration expertise including operational concepts and engineering management;
- Railway cyber security including assurance, procurement support, and training;
- Simulation and modelling capabilities including operational concepts, digital signalling design, capacity optimisation and journey time analysis;
- Strong technical proficiency in command, control and signalling technologies, such as CBTC and ETCS;
- Safety and Systems Assurance including ISA, RAMS and engineering safety assurance;
- Knowledge and capability in rolling stock acquisition, vehicle structures and mechanical systems, and fleet management; and
- Experience in bringing new and upgraded assets into service, including operational readiness, system handover, and safety case development.



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## Tratos Cables for a moving world

[www.tratosgroup.com](http://www.tratosgroup.com)

Tratos, a family-owned business established in 1966, specialises in manufacturing electrical and fibre optic cables for various applications, including energy and telecommunications, as well as innovative cables such as superconductors for Fusion4Energy (CERN-Geneva) and subsea cables. Most recently, Tratos made it possible the first application of Bornewables™ technology in the electrical sector. This technology uses renewable sources, reducing the reliance on fossil fuels and helping to mitigate the impact of climate change.

The company is dedicated to delivering on its people-focused mission and has invested in economically deprived regions of Italy and the UK to create jobs and support local communities. Tratos' commitment to corporate social responsibility, including paying salaries and local taxes, has proven to be a sustainable source of income and a catalyst for regional economic and social development.

Tratos is not just aligning with the UN's 17 Sustainable Development Goals, it is actively working to achieve them on a daily basis. The company has integrated these goals into its own values and has incorporated them into its product development, operational practices, corporate social responsibility efforts, and overall corporate strategy.

Tratos remains dedicated to becoming more environmentally friendly, maintaining a people-centric approach and constantly innovating across all aspects of its business to fulfil its commitment to sustainability. Additionally, the company strives to provide its customers with sustainable options, making it easier for them to make a positive impact as well. It also aims to create products and services that can be reused, repaired, refurbished, or recycled instead of being thrown away.

The company has a proven history of innovation and successful partnerships with key players in the energy, rail, and highways industries. In 2019, Tratos UK received the prestigious Queen's Award for Enterprise: Innovation for its development of a cable compound that effectively solves issues in mobile and fixed offshore oil and gas installations.

Tratos believes that ethical business conduct is essential for a company's success. It continues to work closely with customers and suppliers to identify and implement environmentally friendly solutions, such as greener cable options. Tratos is well-positioned to continue its leadership in sustainable development and innovation in the cable industry. The company is poised to build on its successes and continue to drive positive change in the industry.



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# Unipart Rail Limited

[www.unipartrail.com](http://www.unipartrail.com)

Unipart Rail is part of the multinational Unipart Group, with headquarters in the United Kingdom and operations in more than 100 countries.

Unipart Rail brands also include:

- Unipart Dorman - LED signalling and indication innovators and manufacturers
- Park Signalling - signalling design and consultancy specialists
- Instrumentel - remote condition monitoring specialists for high performance engines and rail applications
- Samuel James Engineering - suppliers of LV switchgear and control gear systems for the Rail Industry
- Westcode - a UK and US company with an extensive range of air supply equipment
- Comms Design - specialists of electronic products and systems for the rail industry.



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## VAC-EX

[www.vac-ex.com](http://www.vac-ex.com)

VAC-EX is a UK manufacturer known for its innovative vacuum excavation solutions. The company provides a diverse range of equipment designed to enhance safety and efficiency across various industries, including rail, construction, utility maintenance, and environmental services. VAC-EX products are trusted by professionals seeking reliable excavation technology.

### Key Products Offered by VAC-EX

The **360-VAC®** has been designed and engineered specifically for the rail industry. This attachment connects seamlessly to an excavator, granting access to difficult areas. The 360-VAC® features a sophisticated multi-stage filtration system that prolongs the machine's lifespan while minimising hazardous exhaust dust. With a compact width of just 1500mm, it is designed for manoeuvring in tight spaces, such as excavations and ditches.

Other significant offerings include the **T-VAC2®** and the ultra-compact **AIR-VAC®**, which utilise powerful vacuum systems to effectively remove soil and debris while minimising the risk of damaging underground utilities. Their compact designs enable cost-effective mobilisation and reduce public disruption.

The **AIR-EX® air lance** is a compressed air-powered air excavation tool used for ground decompaction & clearance of spoil from underground assets in a wide variety of soils.

To support its main equipment, VAC-EX also provides a variety of accessories, such as vacuum hoses, nozzles, and filters. The company's commitment to innovation, safety, and customer support makes it a preferred choice for contractors across multiple sectors.

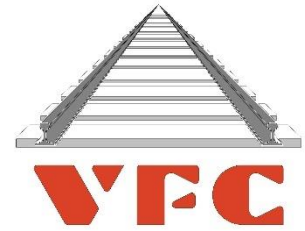
For more information, visit [VAC-EX.com](http://VAC-EX.com) to explore their extensive product range.



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VFC is providing a full range of equipment to produce **rail welding**.

With more than 25 years of experience of his team in the railway industry on rail welding, VFC can provide specific **solutions tailored** to the real needs to produce **weld in track** and **Long Welded Rails (LWR)**.

Relying on the experience and know-how of a strong team with experience in advice, design and manufacture, we offer new solutions to achieve a new level of performance.

Our standard and tailor-made solutions enable welding service providers who want to differentiate themselves thanks to new technologies, to **gain in welding quality**, in **maintenance** and **operating costs**, but also in **ergonomic** and operational **safety**.

The latest environmental requirements have been integrated in the design such as **low carbon footprint** requirements as well as **green energy**.

The range of products we can offer is as follows:

- Induction welding machine for better, safer, faster and cleaner welds.
- Slow bend press for validating / qualifying the welds.
- Rail Straightener for improving your welding team productivity.
- Stationary Rail Welding Plant for producing / handling LWR.
- Relocatable Rail Welding Plant.
- Mobile Rail Welding Plant.



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## Vossloh

[www.vossloh.com](http://www.vossloh.com)

Vossloh, which has been manufacturing turnouts for all types of guided transport for over 100 years, is recognized as the world leader in the field of High Speed. Our engineers participated in the first projects in Europe and created the first geometries with clothoid curves. We have participated in most of the world Very High-Speed projects: Italy, Spain, China, UK, Belgium, Morocco, Turkey, Korea and many others. To date, we have supplied more than 2 500 turnouts for High-Speed lines comprising of more than 18.000 km track with system 300-1 for High-Speed lines. We also supply fastening systems for various projects and are homologated as a supplier for the Turkish market. Our facility in the UK, located in Scunthorpe, has been in operation for over 60 years, initially as a privately-owned company then as a partnership with British Steel. For over 30 years, Vossloh UK has been involved in the design, marketing and manufacturing of a large variety of turnouts destined for the UK infrastructure including urban transport networks.

Our company is a key supplier in the UK and is involved in the following industrial programs:

- Manufacturing of metallic parts for all types of railway turnouts (conventional and high speed)
- Manufacturing of concrete bearers for turnouts
- Manufacturing of metallic components
- Integration of signalling products and safety equipment in turnouts
- Commissioning, advisory for installation and after-sales turnout surveying

Vossloh UK has been involved as the supplier of choice for the UK HSL section between Folkstone and Saint Pancras (HS1 project) as well as supplying the majority of the specified turnouts for the Crossrail project.

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## Wabtec Corporation

**[www.wabteccorp.com](http://www.wabteccorp.com)**

Wabtec Corporation (NYSE: WAB) is a leading global provider of equipment, systems, digital solutions, and value-added services for the freight and transit rail sectors. Drawing on over 150 years of experience, we are leading the way in safety, efficiency, reliability, innovation, and productivity. Whether its freight, transit, mining, industrial or marine, our expertise, technologies, and people – together – are accelerating the future of transportation.

Our people, with their extraordinary collective talent, vision and experience are our biggest asset. Our dynamic leadership team has a proven strategy to empower over 27,000 employees in over 50 countries around the world.

At Wabtec, we are committed to leading the way in creating a more sustainable freight and passenger transportation network. And because operational excellence and environmental stewardship are among our priorities, we also conduct business in a way that is sustainable for our employees, customers and the communities in which they work and live. We also help our customers overcome their toughest challenges by delivering rail and industrial solutions that improve safety, efficiency and productivity.

Wabtec is proudly the part of the UK railways such as vehicle & bogie systems, spares & trading, freight and transit systems, intelligent asset management (iAM), maintenance & field services and also innovative solutions. Wabtec has a robust and talented leadership team and engineering capabilities to underpin our customers in the UK.

**Ahmet Öz**

Technical Manager

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# Wilkinson Eyre

[www.wilkinsoneyre.com](http://www.wilkinsoneyre.com)

WilkinsonEyre is a leading international architectural practice based in London, Hong Kong and Sydney. It was founded in 1983 and the practice today employs over 200 people working across many different sectors including: Infrastructure, Masterplanning, Culture, Commercial Office, Education, Residential, Retail, and Hospitality.

We pride ourselves on maintaining design quality while achieving optimum cost through rigorous analysis. Our many successfully completed projects have been recognised with over 300 design awards including the prestigious Stirling Prize – the UK's highest architectural award – in two consecutive years.

Our work in transport architecture encompasses rail (both conventional and high-speed), surface transport interchanges, aviation and bridges including pedestrian and cycle bridges to provide local connectivity benefits to promote active and sustainable travel.



## High-Speed Rail-2 Old Oak Common

Project Team:  
WSP, WilkinsonEyre Architects, Balfour Beatty, Vinci, Systra



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## Xrail Group Ltd

[www.xrailgroup.com](http://www.xrailgroup.com)

Xrail deliver end-to-end engineering solutions and services, from highly specialized consulting to turnkey project delivery.

Our expertise is applied on maintenance, performance improvement and obsolescence management projects for existing railways and the design, installation, and testing & commissioning of new railways. We develop robust implementation programmes, anticipating and circumventing issues which might otherwise cause deviations to time or budget.

We provide services to clients whether they be main line rail or metro systems wherever they are in the world. Xrail has the flexibility to offer support in delivering packages of work as part of a larger contract, to provide resources at every level, or to operate in a project management consultancy.

Our international network of engineers and managers provide a combination of decades-long industry experience, up-to-date acumen and a deep understanding of the implications of working in different countries and within different cultures. This means our consultants can meld seamlessly with client teams, working collaboratively to get the job done.



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# Yeltech

**yeltech.com**



Yeltech Ltd was established in 2004 and has since embarked on a journey marked by innovation and continuous growth, contributing to the advancement of smart remote condition monitoring technology.

Over the years, we have established ourselves as a trusted provider of practical, easy to install and cost-effective bespoke engineering solutions, tailored to meet the unique needs of our diverse client base across various industries including Rail, Buildings and Structures, Water, Drainage and Environmental monitoring. Our ISO 9001 Certification; helps us ensure quality and reliability across our entire range of products.

Together with our amazing team, we specialise in designing and manufacturing smart remote condition monitoring solutions. Our solutions enable maintenance engineers and asset owners to reduce costs and save lives.

At Yeltech our entire team is focussed on refining and adapting its range of services to provide tailored remote monitoring products, that drive results to meet the high standards of our evolving customer requirements. With this in mind, our engineering team are continually embracing advancements in technology to provide our clients with the exact smart solution they need.

Our mission and values:

- A trusted provider delivering cost effective remote sensing solutions
- Quality and reliability at the forefront of all our products
- Enhancing safety with real time remote access monitoring
- Critical avoidance systems, safe and dependable
- On condition analysis and monitoring to anticipate and reduce failure scenarios
- A collaborative and harmonised approach, with technical know-how at your fingertips
- In house manufacturing provide agility to adapt quickly to evolving requirements

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## Department for Business & Trade

### DBT

The UK's Department for Business and Trade (DBT) helps businesses export, drives inward and outward investment, negotiates market access and trade deals, and champions free trade

### Disclaimer

Whereas every effort has been made to ensure that the information in this document is accurate the Department for International Trade does not accept liability for any errors, omissions or misleading statements, and no warranty is given or responsibility accepted as to the standing of any individual, firm, company or other organisation mentioned.

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