Position: Rail Systems Engineering & Integration (Engineer, Senior Engineer & Principal Engineer levels)
Location: Pride Park, Derby
Salary: Competitive basic, with excellent company benefits including competitive pension scheme and private healthcare

AEGIS Engineering Systems is an independent railway engineering consultancy. Since our formation in 1997, we have built an industry-wide reputation for providing engineering expertise, innovative solutions, rapid responses, agile methods and value for money.
We are proud to offer employees an inspiring combination of a stimulating environment at the cutting edge of engineering in the railway arena, a supportive and encouraging working culture where work/life balance is a key element, and the opportunity to develop their skills and experience with one of the fastest growing engineering consultancies in the industry.

The Role:

The available roles are multidisciplinary, covering rail control systems, signalling and telecommunications, data transmission, electrification, traction power and civil infrastructure such as tunnel M&E installations and station builds.

The roles necessitate skills in the following disciplines: Rail Systems Assurance, Verification and Validation (V&V), Requirements Management, Configuration Management, Reliability, Availability, Maintainability and Safety (RAMS) and Rail System Integration.

Essential Skills/Knowledge:

- Substantial technical experience of one or more rail infrastructure engineering specialisms, such as ETCS, CBTC, TMS, GSM-R, Railway Signalling & Telecommunications, Operational Control Systems and SCADA.
- Demonstrable experience in activities and techniques such as V&V, Requirements, Configuration, Scope Management, Change Management, RAMS and System Integration.
- Experience of rail infrastructure safety engineering throughout the various stages of the project lifecycle, including design, construction, testing, commissioning, systems integration, trial running and handover.
- Experience of safety engineering methodologies, including the Common Safety Method on Risk Evaluation and Assessment.
- Knowledge of the development and review of system-wide Safety Cases (civil infrastructure, tunnelling, stations, signalling, track, traction power, data transmission systems, communications etc.).
- Demonstrable knowledge and application of rail industry standards and international best practice.
- Engineering Degree (Bachelor's or Master's degree) or equivalent

- Excellent verbal and written communication skills, including ability to effectively communicate with internal and external customers
- Excellent computer proficiency in MS Office – Word, Excel and Outlook.
- Ability to speak English at business level

An AEGIS engineer is one who combines excellent technical skills with a commitment to deliver first class service to our clients, whilst living the values and culture of the business – conscientiousness, respect, integrity, excellence and fun.

If you share our vision and ambitions and are interested in joining our team, please get in touch by emailing your CV and covering letter to: **katygrace@aegisengineering.co.uk**