

ROLE TITLE: Robotics Transformation Advisor – Engineering Services Adoption Team

Reports to: Head of Engineering, Services Delivery

Direct reports including contractors: None

Budget: None

Key relationships:

- Reports into, collaborates with and acts as a robotic advisor to Head of Engineering, Supporting Growth
- Relationship with Robotics Hub Programme Manager
- Advises/influences/facilitates programme partners, clients, customer leadership and management teams
- Relationship with the Digital and Automation Engineering Teams & Programme partners, for deep technical knowledge and collaborating on relevant project deliverables

ROLE PURPOSE:

- To be a customer focused robotic transformation advisor and engage with businesses through a diagnostic process to identify, influence, advise and support with delivery of digital & robotic engineering and transformation solutions.
- To deliver road-mapping activities, business cases and support procurement and implementation of robotic adoption in line with project or programme objectives. This will be in a range of complex and non-complex contexts.
- To provide mentoring and coaching to businesses and interns on the programme.
- Support continuous improvement activities of programme tools.

MAIN ACTIVITIES:

Customer Interaction:

- Act as the technical focal point for customers engaged in a proscribed robotics transformation programme. You will utilise standard tools, where necessary develop new tools and processes to deliver clear guidance to customers to help them adopt and implement digital & robotic technologies.

Manufacturing Business Robotic Transformation:

- Leveraging **digital & robotics knowledge, experience** and **business acumen** to determine the most effective pathway to deliver business transformation that best suits a customer's needs
- Independently lead diagnostic assessments of customer operations to help identify, specify, assess suitability for robotic adoption that supports business's grow.
- Identifying automation opportunities that offer tangible business improvements in innovation, agility and resilience, boosting productivity, reduce waste and increase sales.
- Shape and guide integrated robotic transformation projects that result in successful adoption and deployment of advanced technologies.

- Advise customers on digital & robotic enabled solutions and provide guidance and support for preparation of a business case, concept evaluation, simulation, help identify finance options, support validation of cost estimates, help with pitch development, support road mapping future evolutions
- Create and refine digital methodologies, toolkits, and processes, ensuring knowledge capture and dissemination to internal teams and external customers.
- Champion the publication of technical content and case studies showcasing the impact of digital adoption on lean productivity and sustainability outcomes, acting as an exemplar in technical communication and reporting.

This Job Description is not an exclusive or exhaustive list of all activities that an individual in this position may be asked to perform. You may be required to undertake other responsibilities or activities, as requested by your line manager, to support your team or wider NCC activities.

PERSON SPECIFICATION

Essential	Desirable
<u>Qualifications/Experience</u> ■ At least 2 of the following: ■ Demonstrable and significant experience in deploying digital robotic tools and technologies in industrial settings ■ Significant manufacturing business transformation experience or able to demonstrate extensive subject matter knowledge ■ Significant experience in a manufacturing, engineering, or industrial operations environment, preferably across multiple sectors. ■ Experience working directly with industrial customers, including engaging at senior levels (operations managers, directors, technical leaders). ■ Experience guiding and mentoring engineers, shaping capability, and ensuring high-quality technical delivery. ■ Ability to drive to customer sites under own initiative using own transport	<u>Qualifications/Experience</u> ■ Practical application of lean methods (5S, Kaizen, SMED, Six Sigma) in combination with digital tools. ■ Experience applying digitalisation to sustainability goals (energy management, carbon tracking, circular economy solutions). ■ Familiarity with organisational change, technology adoption, and cultural transformation in industrial settings.

Essential	Desirable
<u>Behavioural Competencies</u> - Effectively communicate with client teams at all levels including leadership. - Competent at report writing with a structured template. - Sees the bigger picture of industrial transformation; aligns to robotic & digital solutions with customer strategy and long-term business impact. - Creditable as a subject matter expert; can influence senior stakeholders and peers through evidence and expertise. - Competently address engineering problems involving uncertainty, ambiguity, wide ranging and sometimes conflicting technical and non-technical factors - Clearly explains technical concepts to both technical and non-technical audiences; produces high-quality reports and presentations. - Able to prepare exemplary engineering documents and presentations pertinent to the audience - Proven ability to seek out novel developments in your engineering specialisation and apply specialist knowledge and systematic processes to evaluate and justify potential - Able to represent the NCCs short-long term strategic technical engineering position to the broader community - Has professional gravitas, smart and confident as a technical ambassador of the NCC	<u>Behavioural Competencies</u> - Acts as a catalyst for cultural and organisational change in customer businesses, particularly around technology adoption. - Balances technical priorities with commercial realities; contributes to shaping service offerings and business models. - Experience in mentoring and coaching