Business area: Infrastructure

Requirements: 2.1 Bachelor's or 2.2 Master's in in any Science (including data science), Engineering or Business-related degree

Our teams and what they do

Asset Management Systems

Our Asset Management Systems team work on some of the largest and most critical infrastructure assets across Water, Defence, Aviation, Energy, and Transportation with clients including the majority of UK Water and Wastewater companies along with South Tees Development Corporation, Network Rail, Environment Agency, (EDF) Sizewell C and many others. We provide expertise across the globe, supporting clients in the Middle East, Australia and North America. We're looking for graduates to help shape and define our Digital Asset Management Strategy and develop a wide range of sustainable services in response to our client's growing needs and aspirations.

We've developed a truly transformative approach to Asset Management; founded on systems thinking and encompassing all aspects of Asset Management. Collaborating closely with our clients, we share our engineering expertise and understanding of physical assets to develop solutions to their challenges and unlock the value from our client's existing data and digital investments. We're proactively embracing new and emerging digital technologies and techniques that enable our clients to design, build, operate, maintain, and dispose of their assets most efficiently and effectively, which is key in the current regulatory, economic, and climatic conditions.

Typical services:

•   Asset Management Advisory Services
Aligning to ISO50000, we offer a variety of services to support our clients on their asset management journey. We get involved at all stages, include carrying out maturity assessments and developing action plans, helping to define the organisations asset management policy, through to supporting their asset management planning and investment processes.

 (IS55000 maturity assessments, Policy, SAMP, and AMP development)
•   Asset Inspection and Condition Assessment
Designing and undertaking surveys to assess the physical condition assets. Utilising the outputs to analyse the current performance, calculate remaining life, predict failure and prioritise investments.

•   Enterprise Asset Management Systems (EAMS)
EAMS are a combination of systems, software and services that allows our clients to manage, operate and maintain their assets. We offer a full range of implementations services from carrying out market analysis of solutions, information management service, procurement support through to leading the configuration and implementation of behalf of our clients.

•   Business Analysis
A vital activity on many of our projects and allows us to identify and articulate business requirements and changes as well as identifying solutions. These can be digital solutions, business process changes or organisational changes.

•   Data Analytics (Machine Learning / Artificial Intelligence)
We work with our clients to unlock the value and intelligence from their data. Using our global technology centre we can analyse data to look for trends and patterns to answer business questions. Furthermore, we can use techniques such as Machine Learning and Artificial Intelligence to help predict a future state of an asset. All of this is wrapped up in clear and concise visualisations.

•   Digital Solutions

Working with our ecosystem of patterns we offer a range of digital transformation solutions that support our clients with their business challenges, often digitising existing processes more efficient and harnessing the power of digital tools address the asset management channels.

•   Digital Twins
We support our clients with discovery and implementation of digital twins. These are a realistic digital representation of assets, processes or systems in the built or natural environment. A Digital Twin unlocks value by supporting better decisions that lead to better outcomes in the physical world. Digital Twins have a key part to play in the digital transformation of the built environment.

Locations will include:

Belfast, Birmingham, Bristol, Epsom, Glasgow, London, Warrington

To apply, please return to the main job specification