

In the company of...

SOLVERS



<p>Business area: Infrastructure</p>
<p>Requirements: Minimum of a 2.1 Bachelor's or 2.2 Master's in any Science (including data science), Engineering or Business-related degree</p>
<p>Our teams and what they do</p> <p>Asset & Information Management</p> <p>Our Asset & Information Management teams 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 Asset Management Strategy and develop a wide range of sustainable services in response to our client's growing needs and aspirations.</p> <p>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.</p> <div data-bbox="114 1249 1070 2040" data-label="Diagram"> <p>The diagram illustrates the core disciplines of Asset Management Systems. At the center is a circular hub labeled 'Advisory Services'. Surrounding this hub are five interconnected nodes, each representing a core discipline: 'Strategic Asset Management' (top), 'Integrated Risk Management' (right), 'Investment Planning' (bottom right), 'Intelligent Operations & Maintenance' (bottom left), and 'Information Management' (left). Arrows indicate a clockwise flow between these disciplines. The entire diagram is set against a blue background and is labeled 'Digitally Enabled' at the bottom.</p> </div> <p>Asset Management Systems – Core Disciplines</p>

Typical services:

- Asset Management Advisory Services (IS55000 maturity assessments, Policy, SAMP, and AMP development) 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.
- 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 implementation services from carrying out market analysis of solutions, information management services, 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 partners 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.

Your Role:

You will work with clients on projects across all areas of the Asset Management Systems team, examples include:

- Collating and analysing data to support Asset Investment plans
- Developing health metrics for clients to better understand the performance of their assets
- Supporting the development of Strategic Asset Management Plans
- Supporting clients to understand their long-term investment needs (demand analysis)
- Process mapping & optimisation of asset lifecycle activities
- Undertaking reviews of clients' risk management procedures & contingency plans

Locations for this business will include:

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

To apply, please return to the main job specification