

What We Do

AtkinsRéalis provides the Insights Engine Platform, a secure, AI-enabled, browser-based decision support solution that enhances and complements existing Asset Management systems. The platform enables local authorities and infrastructure owners to understand asset performance, plan network investments, and make evidence-based decisions through intuitive and accessible data visualisation.

The Insights Engine combines a diverse range of operational, condition, safety, and environmental datasets, presenting them through tabular, graphical, and geospatial interfaces. This allows clients to quickly identify trends, highlight risks, and pinpoint where interventions will deliver best value, improve safety, and extend asset life.

The platform analyses multiple data types, including financial and budgetary information, asset condition and utilisation, historic and planned maintenance activities, recorded safety incidents, and wider risk factors such as flooding, air quality, and live traffic conditions. Because the platform is fully browser-based, no specialist software installation is required.

The Insights Engine also incorporates advanced modelling capabilities to predict future asset condition and network performance. Using the Scenario and Investment Planner tools, clients can test and compare treatment strategies, investment options, and resilience approaches to address challenges such as changing road usage patterns and climate impacts.

The service is accessible via standard web browsers and is available on PCs and tablets. It is developed in the UK by security-cleared engineers and hosted on the secure Microsoft Azure platform, with all data encrypted both in flight and at rest. The platform has an intuitive interface designed to work with built-in browser accessibility features, such as zoom controls, high contrast modes, and keyboard navigation, ensuring an inclusive and user-friendly experience. The service is delivered in alignment with ISO 9001, Cyber Essentials, and Cyber Essentials Plus certifications held by AtkinsRéalis, and is fully supported by our UK-based technical support team.

Why Us?

AtkinsRéalis has a long-standing track record in delivering high-quality engineering design and asset management services. We apply this deep expertise to our data analytics offerings, transforming complex datasets into clear, actionable intelligence. By working closely with clients to understand their objectives, challenges, and operational context, we combine sector knowledge with user needs to deliver tailored, insight-driven solutions that support effective decision making and long-term asset performance.

