



SOCOTEC

# BRIDGE MONITORING SERVICES

SOCOTEC UK's experience extends across various sectors, encompassing road, rail, and heritage bridges. Our suite of services is designed to monitor your asset's behaviour effectively, earning the trust of clients within infrastructure asset management. Catering to the needs of designers, operators, owners and contractors, SOCOTEC take pride in our design, installation, and data visualisation services. With over three decades of experience, our dedicated team can deliver bespoke solutions for monitoring bridges. From maintaining existing instrumentation to integrating cutting-edge data collection technologies, we understand the diversity, advantages, and constraints associated with monitoring solutions. Our commitment to excellence ensures the sustained performance and longevity of your bridge assets.



## DATATYS: PRECISION DATA VISUALISATION

Enhanced Insight: Elevate your bridge monitoring with Datatys, hosted on secure servers. Our simple data visualisation platform offers benefits for bridge monitoring, providing optimised data for improved decision-making.

- Real-Time Clarity:**  
Access continuous, real-time data for pro-active decision making
- Streamlined Efficiency:**  
Minimise personnel required for data collection and analysis
- Reinforced Safety:**  
Enhance safety by reducing the need for on-site lone workers
- Eco-Friendly Approach:**  
Minimise carbon footprint with fewer site visits
- Precision & Accuracy:**  
Eliminate errors attributed to manual input
- Robust Insights:**  
Informed infrastructure maintenance and future planning.
- Scalable Solutions:**  
Adjust data sampling frequency effortlessly



## YOUR ASSET'S BEHAVIOUR

Understand your asset's behaviour with our diverse array of monitoring services. We know the importance of monitoring bridges throughout their operational life & we go beyond the checklist approach. We help engineers interpret how their bridges are performing and optimise maintenance and operational time.

- Existing Infrastructure Evaluation:**  
We assess to determine the suitability of your current systems for continued service.
- Instrumentation Expertise:**  
Our engineers are skilled in bridge Instrumentation, ensuring accuracy and reliability.
- Instrumentation Consultation:**  
We understand your precise monitoring requisites and propose engineered efficiencies.
- Systematic Monitoring Design:**  
We work with suppliers to develop the best solution for your project.
- Installation Expertise:**  
Our expert engineers are certified to install in the most challenging environments.
- Cutting-edge Data Visualisation:**  
Visualise your data with clarity through Datatys.
- Maintenance and Support Framework:**  
We collaborate with you to define a comprehensive maintenance schedule.
- Proactive Support System:**  
We analyse monitoring data delivery to detect and resolve potential issues before they escalate.

## REDUCE COST, RISK AND ENVIRONMENTAL IMPACT

Automated monitoring systems for bridges reduce costs, minimise risks, and cut down environmental impact. Automated data acquisition in monitoring bridges offers benefits over manual inspections and on-site observations by engineers. With appropriate consultation, we develop a system tailored to your specific needs.

- REAL-TIME, CONTINUOUS MEASUREMENTS
- OPTION TO INCREASE/REDUCE DATA
- ACCESS TO EXTENSIVE DATA SETS
- REDUCED CARBON FOOTPRINT
- REDUCTION IN MOBILISATIONS
- ENHANCED DATA ACCURACY
- SIMPLIFIED DATA RETRIEVAL
- IMPROVED SAFETY

# SOCOTEC GROUP



**26**  
COUNTRIES

Germany  
Saudi Arabia  
Austria  
Belgium  
Colombia  
Ivory Coast  
Spain  
United States  
United Arab Emirates  
France  
Ireland  
Italy  
Japan  
Lebanon  
Luxemburg  
Madagascar  
Morocco  
Mauritius Island  
Monaco  
The Netherlands  
Philippines  
Poland  
United Kingdom  
Singapore  
Thailand  
Vietnam

**7**  
PLATFORMS



**€1.2 BN**  
TURNOVER

**250**  
EXTERNAL  
RECOGNITIONS

## SOCOTEC MONITORING UK

**150+**  
PEOPLE

**10+**  
CONTRACTS OVER  
£1M SINCE 2020

**250+**  
LIVE PROJECTS

**30 000+**  
SENSORS INSTALLED

**5%+**  
APPRENTICESHIPS  
AND EDUCATION

### CONTACT US

[salesuk@socotec.com](mailto:salesuk@socotec.com)  
[www.socotec.com](http://www.socotec.com)  
01825 701 801



**BUILDING TRUST FOR A SAFER  
AND SUSTAINABLE WORLD**