



BES Group

ESTD 1859



**A glimpse into the future of
asset management.**

Comprehensive end-to-end risk management solutions.

At BES Group, our dedicated team of skilled engineers, technicians, and consultants collaboratively provide a diverse range of services tailored to meet your business needs, spanning Asset Reliability, Inspection, Consultancy, Testing, Electrical, Heavy Lifting, Tankers, Infrastructure and more. Choose BES Group for an integrated approach that ensures the safety and longevity of your critical assets.

Driving the future of structural maintenance with BES Group

At BES Group, our engineers are experts in providing comprehensive infrastructure engineering services for our customers, spanning a wide range of industries across the nation, including rail, marine, highways, and more.

Our expertise extends beyond the ordinary, enabling us to tackle the complexities associated with challenging environments and unique project demands.

From infrastructure monitoring and assessment to maintenance and repair services, we have the technical expertise to address your specific needs effectively and efficiently.

As leaders in Structural Inspection, Investigations and Structural Health Monitoring, we bring innovation and expertise to ensure the safety and longevity of bridges and other infrastructure worldwide.



Unmatched expertise in structural maintenance

Pioneering engineering excellence

With decades of experience, BES Group stands as a global leader in engineering solutions. Our multidisciplinary teams ensure the highest standards in asset management, inspection and assessment.

Advancing structural monitoring

BES Group is at the forefront of structural health monitoring technology. Our state-of-the-art sensors and monitoring systems provide real-time data for enhanced bridge performance analysis, reduced maintenance costs, and extended asset lifespan.

25,000+

structures are inspected every year by our infrastructure division.

17,000+

sensor channels are monitored by our team, generating 5 billion data values each day.

35,000

customers across the world benefit from the breadth of services we provide.

Synergy in safety.

Smart design and monitoring

At BES Group, our infrastructure service offering is bolstered by the experts within our team. **Since welcoming XEIAD, Inspire Structures, Inspired Access Solutions and Straininstall UK Monitoring into the group**, our customers' infrastructure has benefited from three of the leading asset management companies across the nation.

Our collaborative approach combines difficult access methodology with advanced monitoring systems, creating a world-class asset management service offering that is not only structurally sound but also smart and adaptable.

These are just some of the accreditations we hold within BES Group.



Innovative infrastructure solutions.

With a wealth of infrastructure expertise, our team are committed to providing unparalleled support to our customers. Our comprehensive range of specialist access methodologies and advanced inspection techniques ensures effective asset management that is tailored to the unique needs of our customer's projects. From historic landmarks to modern structures, our commitment to excellence drives us to deliver innovative solutions that optimise efficiency and enhance performance.

Explore how our proven track record in infrastructure support sets us apart:

Our Asset Management services

Our experience is not only with Victorian and Edwardian structures but also much more modern structures. Our specialist access methodologies and inspection and investigation techniques have assisted our customers in effectively and efficiently managing their assets. Just some examples include:

- ✓ Queen Elizabeth II Bridge, Dartford (Connect Plus)
- ✓ Prince of Wales Bridge (Amey)
- ✓ River Usk Southern Distributor Road, Newport (Newport City Council)

Structural Monitoring success stories

Since the early 1990s, we have been supporting our customers with state-of-the-art structural monitoring solutions, providing insight and actionable information from the data we collect. Working with international, national, and local highway and rail bridge owners and their consultants and contractors, notable structural health monitoring examples include:

- ✓ Queensferry Crossing
- ✓ Forth Road Bridge
- ✓ Mersey Gateway Bridge
- ✓ Tamar Bridge
- ✓ Pont de Normandie
- ✓ Dartford Tunnel



How we can support you.



Structure Inspection, Assessment & Design

- ✓ Structural Inspections
- ✓ Building Surveys
- ✓ Structural Assessments
- ✓ Bridge Design
- ✓ Mast and Tower Inspection and Appraisals
- ✓ Bearing Performance Inspections



Surveying

- ✓ Topographic Surveys
- ✓ Bathymetric Surveys
- ✓ Sonar Imaging
- ✓ Measured Building Surveys
- ✓ Asbestos, Drainage and Timber Surveys
- ✓ Reservoir Monitoring Surveys
- ✓ Remote Structural Monitoring
- ✓ Aerial Photography



NDT & Material Testing

- ✓ Magnetic Particle Inspections
- ✓ Ultrasonic Thickness Testing
- ✓ Remote Visual Inspections
- ✓ Reinforcement Surveys
- ✓ Half-Cell Potential Analysis
- ✓ CCTV Surveys
- ✓ UAV Surveys



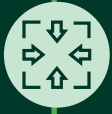
Minor Works

- ✓ Devegetation
- ✓ Masonry Repairs
- ✓ Steelwork Repairs
- ✓ Concrete Repairs
- ✓ Core Sampling
- ✓ Invert Repairs
- ✓ Fencing Repairs



Industrial Rope Access

- ✓ Supervision and Consultancy
- ✓ Support of Civil Works
- ✓ Installation Scopes
- ✓ Site Investigations
- ✓ Structure Repair and Maintenance



Confined Space Access & Rescue

- ✓ Rescue and Consultancy
- ✓ Fabric Maintenance
- ✓ Repair and Maintenance
- ✓ Installation Works
- ✓ Site Investigations



Inspection of Infrastructure Assets

- ✓ Visual and Detailed Examinations
- ✓ Principal, General and Special Inspections
- ✓ Consultancy and Subject Matter Experts
- ✓ Underwater Examinations
- ✓ Tunnel Examination
- ✓ Confined Spaces Entry
- ✓ Scour Assessments
- ✓ Hidden Critical Element Examinations
- ✓ Inspection for Assessment
- ✓ Unmanned Inspections: Sonar, Drone and CCTV
- ✓ Training and Competency Assessment
- ✓ Underwater / Commercial Diving Services
- ✓ In-house HSQE Commercial diving teams
- ✓ Underwater Structural Inspections
- ✓ Multiple Vessel options available
- ✓ Underwater Maintenance & Repairs



Suspended Access Systems

- ✓ Rope Access
- ✓ Platformed access
- ✓ Deck Access Platforms
- ✓ Tensioned Access Platforms
- ✓ Containment platforms
- ✓ Cradle access systems



Marine Access & Rescue

- ✓ Pontoon for use as a diving platform
- ✓ Pontoon with or without tower scaffold for minor remedial works
- ✓ Pontoon with tower scaffold for use as an inspection platform
- ✓ Inspection boat for low level inspections
- ✓ Safety boat for other ancillary works



Monitoring Services

- ✓ Asset Monitoring
- ✓ Environmental Monitoring
- ✓ Special Investigations
- ✓ Bearing Investigation & Monitoring
- ✓ Half-Joints
- ✓ Fatigue
- ✓ Load Testing
- ✓ In Situ Stress Measurement
- ✓ Residual Stress Testing
- ✓ Supplementary Load Testing
- ✓ Geotechnical Monitoring
- ✓ Construction & Temporary Works Monitoring



**Your safety,
our focus.**

Connect with BES Group.

Visit our website at www.besgroup.com

BES Group Asset Reliability

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