

Harnessing Technology to Solve Maritime Risk Challenges

Technology Capability Statement



We develop and apply innovative digital tools to help clients manage complex maritime risks with greater speed, accuracy, and confidence. Our technology solutions distil decades of expertise into intuitive, evidence-led platforms that support smarter, safer decision-making across the maritime lifecycle.

KEY SERVICES

- Existing System Reviews, Assessments, Audits
- Stakeholder Consultation
- Requirement Analysis & Gap Analysis
- Human Factors, Ergonomics, Control Room Design
- Preparation of Technical Specifications and Standards
- Budget and Feasibility Studies
- Contractor Oversight / Management
- Personnel Competency and Training

EXPERTISE

- Vessel Traffic Services / Vessel Traffic Management
- Port Management Information Systems
- Coastal Surveillance Systems
- National Single Windows
- Critical Infrastructure Protection
- Radar, AIS, CCTV, RDF, VHF Communications, including Coverage Studies
- Civil Works – e.g Masts, Power Supplies
- System Design, Installation, Support and Maintenance



OUR APPROACH

We combine deep domain expertise with data science and software engineering to create tools that empower clients to bring core competencies in-house. Our solutions are built around real-world challenges, designed to be user-friendly, auditable, and aligned with international standards. Whether supporting feasibility studies, operational planning, or regulatory compliance, our technology helps clients make faster, more informed decisions.

WHY CHOOSE US?

- ✓ Proven experience in VTS system design, implementation, and consultancy
- ✓ Familiarity with international VTS standards (e.g. IALA)
- ✓ Excellent analytical, communication, and project management skills
- ✓ Deep integration of regulatory, operational, and technical expertise
- ✓ Tools designed by maritime professionals, for maritime professionals
- ✓ Trusted by ports, offshore developers, and regulators

PROJECT HIGHLIGHT

London's First Zero-Emissions Cross-River Ferry

Delivered a navigation risk assessment using advanced modelling and digital tools to support the safe integration of a new electric ferry service into one of the UK's busiest waterways.

[Read more.](#)