

Digital and Data Maturity Assessment



BAE SYSTEMS

We are Techmodal

A collaborative data consultancy, bringing the capability and creativity you need to unlock the strategic potential in your data.

As Defence and Government experts, we understand the unique complexity of your constraints. Adaptive, imaginative and iterative, we meet you where you are – and start with what you have.

We focus on making more of your existing tools and technology. Applying smart thinking and continuous improvement to uncover the insight in your data – and help you move past your stickiest problems. Optimising your investments, operations and outcomes. Maximising the impact of your resources towards a better future.

Our clients operate in high-stakes, highly technical and highly secure environments. The pace is fast; the demands are complex and the cost of getting decisions wrong is high. They need partners who bring clarity, precision and practical expertise – not complexity for its own sake.

Our value comes from combining deep analytical strength, applied technology expertise and hands-on consulting experience. We turn ambiguity into clarity and insight into action.

What we offer

We operate at the cutting edge of digital innovation and at the heart of organisations that keep vital infrastructure running, national security protected, and armed forces prepared. Our teams provide:

Decision advantage

We give organisations the insight to act with clarity and pace, ensuring choices made today hold up under tomorrow's pressure.

Our strength comes from being data-led, operationally aware and grounded in real-world context. We explore options, test scenarios and highlight trade-offs before action is taken, building confidence in complex and high-consequence environments.

Technology that works

We help organisations unlock the full value of their technology and existing investments. Our solutions are shaped to our clients' environments – secure, scalable and designed for reuse – delivering faster outcomes and greater value for money.

We stay user-driven, not technology-driven, ensuring what we build is usable, dependable and impactful.

Delivery impact

We work shoulder-to-shoulder with clients to turn ambition into results. Our approach is collaborative, adaptive and focused on rapid progress.

We build momentum early, provide clear answers before the conversation moves on and ensure delivery stays aligned to purpose. Whether defining strategy or supporting implementation, we bring clarity, structure and practical leadership.

Strength in secure and complex environments

All our work is delivered by security-cleared teams who understand the realities of Defence, national security and critical infrastructure.

We design and assure solutions that are resilient, secure and governed — engineered to work in environments where constraints are real and reliability matters.

Powered by BAE Systems Digital Intelligence

We combine the pace, creativity and agility of a specialist consultancy with the depth, reach and security of BAE Systems.

Clients benefit from a unique blend of niche expertise and enterprise-scale capability, with seamless access to Digital Intelligence, engineering, cyber and equipment programmes when required.

Service Overview

Techmodal's Digital and Data Maturity Assessment service draws on extensive expertise in digital transformation, supply chain optimisation, operational design, and cloud technologies. It provides clarity, measurable benefits, and actionable goals to accelerate organisational performance.

This service enables clients to adopt cloud platforms, technologies, and services effectively and strategically.

Our structured four-stage approach, Assess, Analyse, Design, Plan, ensures alignment and collaboration across senior leadership, managers, and employees. We measure maturity against three critical pillars, Organisation, Process, and Technology, creating a solid foundation for successful change implementation.

Our approach combines proven methodologies with practical experience to deliver a clear, systematic path for digital and data maturity improvement. It is designed to provide actionable insights, prioritised recommendations, and a roadmap for transformation that aligns with organisational goals.

The Three Pillars:

Our assessment framework focuses on three pillars essential for effective transformation. These pillars have been developed and refined through observation of successful organisational change and validated through practical experience, providing a proven method for framing key change imperatives:

Organisation

Change adoption often fails due to lack of organisational alignment, unclear definitions, and insufficient capability or skills. We prioritise understanding the organisation and its people to ensure readiness and engagement.

Process

Processes connect people to value creation. We assess structures and practices that enable agile ways of working, empowering employees and supporting efficient delivery.

Technology

Technology enables smarter working and improved efficiency. We evaluate design, management, and development maturity in cloud adoption, providing clarity for improvement initiatives and prioritising objectives for maximum impact.

Four-Stage Approach:***Assess Phase***

We identify a representative cross-section of employees for interviews, including digital experts, process owners, and strategic leaders. Through face-to-face interviews, we capture insights and score performance across components from Level 1 (Entrant) to Level 5 (Pioneer), for both current and desired states.

Analyse Phase

We consolidate scores into our analytics model, enabling leaders to evaluate maturity, set goals, and track progress. Using Natural Language Processing (NLP), we analyse feedback for sentiment and common themes, providing unique insights into organisational attitudes. External and internal research further informs recommendations.

Design Phase

Based on analysis, we create tailored recommendations and actionable steps to improve digital maturity. These are developed collaboratively with our change and data transformation teams to ensure relevance and impact.

Plan Phase

We produce a detailed adoption roadmap, outlining timelines, dependencies, and transformation drivers. This roadmap provides visibility into employee attitudes, challenges, and opportunities, ensuring a systematic and cost-effective approach to cloud transformation.

Service Features

- Face-to-face interviews with stakeholders and thought leaders across the organisation
- Clear visibility of project status and delivery performance, with regular stakeholder updates
- Access to full data, scores, and comments, with detailed analysis by role, department, and tenure
- Interactive Power BI dashboard showing current and target maturity scores, insights, and commentary
- Stakeholder presentations to share findings and discuss recommendations
- Comprehensive evaluation document including:
 - Detailed findings for each component
 - Research into internal and external influences
 - Clear recommendations aligned with organisational strategies
 - Roadmap for delivery

Service Benefits

- Clear understanding of current maturity and development areas
- A structured path to cloud adoption and digital transformation
- Flexibility to adapt recommendations to organisational needs
- Metrics to evaluate and track performance over time
- Cost-effective approach to transformation planning and implementation
- Visibility of interdependencies and benefits across all components

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