

TECHMODAL

G-CLOUD SERVICE DEFINITION

Consultancy

Digital and Data Maturity Assessments



CONTENTS

- 01** About us
- 02** Service overview
- 03** Service features
- 04** Service benefits

01 - ABOUT US

Who we are

We are Techmodal, a Bristol-based data science and analytics consultancy with 200 data and technology professionals. For the past 20 years, Techmodal has excelled in delivering rapid-impact, innovative solutions to solve some of the most difficult data problems in UK Defence and Public Sector.

We deploy teams to deliver fast, actionable insight from complex, siloed and sensitive data. We are user-focused and technology agnostic, meaning we deliver solutions together with users to specific needs, aligning to customers' technology investments and strategies.

Benefits of working with us

- Deep understanding of data and its context to extract maximum insight
- Exploitation and application of disruptive technologies and approaches
- Partnership approach providing collaboration, knowledge transfer and upskilling
- Repeatable solutions that provide significant Return on Investment (ROI)
- High quality, rapid impact, agile delivery

Our offerings

Data Analytics Consultancy

Applied Data Science

Applying data science tools and techniques to real-life operational challenges

Modelling & Simulation

Utilising domain knowledge and modelling expertise to enable customers to make better decisions

Operational Insights

Data-led insights into operational challenges with embedded domain experts

Software Development

Development of scalable, robust and secure applications, enabling customers enduring access to their data and insights

Our customers

We've built a reputation for getting things done and doing them well. This is why we are a trusted partner across UK Public Sector.



Ministry
of Defence



Home Office



Department
for Transport



Cabinet Office



Met Office



NCA
National Crime Agency

Our values

Our people are the lifeblood of the business. We're proud of the variety of backgrounds and experiences our people bring to the business as we believe this empowers different perspectives that drive our innovation.

But no matter how different our background, our shared passion for using data to solve complex problems keeps us all connected. Our culture is built on four core values:

Get it done, do it well We find practical solutions to difficult problems and do not get lost in process and theory. We are agile, flexible, and tenacious with a commitment to promoting quality and sustainability.

Communicate boldly We believe that being honest and straightforward is key to building trust. This entails being brave enough to tell customers and colleagues what they need to know rather than what they want to hear.

Grow with integrity We are an ambitious company run by a team whose aim it is to make people proud. This is achieved by valuing our culture and embracing the diverse perspectives of our people.

Reward people with opportunities Our success depends on our people. We give individuals the freedom to experiment and develop, so they remain challenged and engaged.

02 - SERVICE OVERVIEW

Our Digital and Data Maturity Assessment service builds on our experience in digital transformation, supply chain, operational design, and cloud technologies. It gives our clients clarity, measurable benefits, and clear goals in transforming their organisation's performance in these areas. Our service focuses on supporting clients in their adoption of cloud platforms, technologies, and services.

Our four-stage approach (Assess, Analyse, Design, Plan) assures alignment and co-operative effort between senior leadership, managers, and employees. The approach assesses, analyses, designs, and plans the strategies needed for successful change implementation. We perform assessments against three critical business-focused pillars: Organisation, Process and Technology.

The Three Pillars

Each assessment is designed to evaluate components specific to successful change implementation, clustered into three pillars of effectiveness: **Organisation**, **Process** and **Technology**.

These pillars have been developed and refined through observation of successful organisational change and empirically proven to provide a robust method of framing key change imperatives.

Organisation: Failure of change adoption is frequently linked to lack of organisational adoption, e.g. no consensus of definition, lack of alignment between leadership and employees and lack of adequate capability/skill). Therefore, it is essential to consider the organisation and its people first when understanding required change.

Process: When understanding how to effectively deliver change in an organisation, you first must understand the link between its people (organisation) and the value-adding elements (the processes). The Process pillar evaluates the key components that contribute to agile ways of working and the structures that empower and support employees.

Technology: This pillar enables and empowers the organisation to deliver more efficiently, work smarter and maximise conversion of effort into the best possible experience for end users. Understanding the design, management and development maturity supporting the organisation's use of cloud services creates clarity for improvement initiatives and helps prioritise objectives, goals, and performance visibility.

Four-Stage Approach

Assess Phase

During the Assess phase we work with stakeholders and project managers to identify the optimum cross-section of employees from the organisation to interview.

Employees are identified based on their experience within the organisation (digital expertise, process and data owners, strategic policy owners) and from all levels of management and seniority. We conduct face-to-face interviews to ensure consistency of understanding and alignment across maturity levels. We record and gather the conversations for further analysis.

For each component we present descriptions of performance from level 1 (entrant) to level 5 (pioneer) and ask interviewees to provide a score between 1 and 5 for both current and future desired performance. We gather feedback and comments on each component and score.

Analyse Phase

The Analyse phase is fundamental in understanding the operating environment of the organisation. The scores are collated into our online analytics model, enabling strategy leaders to evaluate the change, identify delivery goals and track progress against model-defined targets.

We collate all feedback and use Natural Language Processing (NLP) technology to derive a sentiment score and determine common topics. This process is unique to our model, providing insight into interview language and topics used by interviewees, regardless of the component.

We conduct research into internal and external organisational influences, gathering information about the organisation's current digital strategies, external customer strategies and global digital trends. This informs the Analyse findings and supports the recommendations in the next phase.

Design Phase

The Design phase provides recommendations from the Analyse phase, producing actionable steps to improve the organisation's digital maturity. These are developed in conjunction with our internal change and data transformation teams and are bespoke to the organisation's needs.

Plan Phase

The Plan phase generates the adoption roadmap based on recommendations, demonstrating the time required and dependencies for planning and deployment. Comprehensive detail is given on digital transformation drivers and how these are realised by stakeholders.

The process gives visibility to employees' attitudes and experiences of adoption, the challenges they face, and the opportunities available.

Using the maturity assessment to define transformation goals and a roadmap is a cost-effective and systematic approach to cloud transformation. Using the model gives clarity and is easily adapted to suit all organisations, regardless of where they are on their journey to transformation.

03 - SERVICE FEATURES

- Face to face interviews, gaining insight from thought leaders and stakeholders across the organisation.
- Clear visibility of the project status and project delivery performance, hosting updates with key stakeholders.
- Access to full data, scores, and comments from the interviews with analysis designed to give further insights (length of service, department, role).
- User-friendly Power BI dashboard which gives access to as-is and to-be scores, insights, and commentary across all components.
- Presentation to stakeholders to demonstrate the findings and discuss the recommendations.
- Full evaluation document including:
 - Full findings for each component.
 - Research into influences (external and internal) on the current change implementation.
 - Clear recommendations taking into consideration current strategies in all areas.
 - Roadmap for delivery.

04 - SERVICE BENEFITS

- A clear description of the current situation and areas of development.
- A systematic path to utilising cloud services.
- Flexibility to adapt and design.
- Creation of metrics to evaluate and track performance.
- A cost-effective solution to cloud transformation implementation tracking.
- A clear benefit description of each component, and description of the interdependencies of each.

End of document

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Visit our website
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