

Business Intelligence Services



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 has built a range of dashboards, from swift investigative dashboards for interacting with current data and gaining powerful analytical insights, to robust and scalable suites of dashboards to support long-term requirements and sustained process change.

Techmodal are Microsoft Gold Partners for the Microsoft Power BI platform, with a record of successful development and deployments with our partners and customers delivering critical analytical insight. Microsoft Power BI is a widely accessible tool which enables users to visualise data from a breadth of sources, to facilitate the sharing of information across an organisation in a clear and consistent way.

Tableau and Alteryx are complementary data tools, with Alteryx focusing on powerful, code-free data preparation, blending, and advanced analytics (predictive, spatial), while Tableau excels at data visualisation and creating interactive dashboards, with Alteryx feeding clean, prepped data directly into Tableau for faster, more reliable insights. They work together seamlessly, automating the data pipeline from raw sources to insightful visualisations, allowing analysts to spend less time cleaning data and more time analysing it for better business decisions. Alteryx offers machine learning

Our data engineers, modellers and business intelligence experts deliver well-designed dashboards and reporting, using proven methodologies and a collaborative ethos, to support strategic and operational concerns with greater intuition.

Techmodal works closely with customers using Agile project management to help you achieve maximum value within short timescales. We will help you to establish requirements that are achievable and refine them iteratively with you to improve business outcomes.

We will help you to organise and shape your data, whether it resides in the cloud, in on-premises sources and databases, or in a myriad of spreadsheets. We will also design dashboards and create valuable metrics and KPIs that fit your business reporting scope, with user friendly but detailed dashboards closely aligned to your prerequisites and future analytical needs.

Our aim is to create products that improve your organisation's awareness, understanding, working experience and process response capabilities.

Service Features

- Management Information and Business Intelligence development
- User-friendly dashboard design aligned to business need
- Connectivity to existing data sources. (e.g. Excel, CSV, SQL, Azure, Dynamics 365, AWS, GCP, SAP, pdf)
- Self-service Interactive dashboards and clear in-depth full-featured visualisations
- Dynamic modelling, exception-based reporting, metric evaluation and KPI development
- Dashboard audit process including verification and validation of dashboards
- Shareable & mobile data reporting through PowerBI Service cloud-based platform
- Real time and scheduled data refresh and analysis
- Integration into wider Microsoft infrastructure

Service Benefits

- Quick, high impact investigative dashboards built to inform decisions and discover opportunities
- Combine disparate data sources into a single source of truth
- Streamlined data manipulation and reporting processes
- Advanced insights in a few clicks to support business imperatives
- Agile design principles applied to produce user-friendly and relevant reports
- Top-down, multi-level and multi-dimensional reporting with ability to drill into the fine details

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