

Palantir Foundry Development 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's Palantir experts will work alongside you to maximise your investment in the Palantir platform, helping you to fully exploit the capabilities offered and make best use of your data.

We have 20 years' experience of developing software and business intelligence solutions to address our clients' business challenges. Our highly skilled teams of data analysts, data engineers, software developers and data scientists can use the diverse capabilities of Palantir Foundry to design, build, optimise and support a wide range of solutions, exploiting the ontology, data integration, no-code, low-code and more advanced development possibilities within the platform.

We work with our customers to design, develop, test, and implement robust, scalable and user-friendly outputs on Palantir Foundry, helping our customers to derive maximum value from their data and make better decisions. We have proven experience of building data pipelines into the Palantir platform, and handling data sets at various degrees of scale, quality, complexity, and maturity to reduce manual effort, produce sustainable insights and develop decision support tools.

Techmodal is experienced in working in collaboration with Public Sector organisations to ensure that knowledge is shared across the team, developing all team members throughout

our projects. Our Palantir experts will work with you to define best practice and developer guidance to help upskill your in-house resources.

Techmodal specialises in developing solutions iteratively and responsively, addressing initial requirements and flexibly accommodating changes during the development process. We work collaboratively with our clients to deliver projects at the full range of maturity and Technical Readiness Level (TRL), from data discovery and strategy to capability demonstrators and hosted production applications.

We specialise in applications powered by advanced analytics and data science, including Natural Language Processing (NLP), Computer Vision (CV) and Generative AI, and have a demonstrable track record deploying data science solutions on Palantir Foundry.

Service Features

Our Application Development service includes the following features:

- End-to-end discovery and development, from strategy to deployment
- Exploitation of Palantir Foundry capabilities including Contour, Quiver, Workshop, Code Workshop, Slate and Carbon
- Exploitation of Palantir Artificial Intelligence Platform (AIP)
- ScrumMaster, Software Development, Data Science, Data Engineer, and User Interface/User Experience (UI/UX) expertise
- Experts in supporting tools and technologies (e.g. PySpark, TypeScript)
- Ontology design and implementation
- Processing of structured, semi-structured & unstructured data
- Combining disparate data sources
- Agile methodologies
- User Research
- Technical consulting
- Upskilling of in-house teams and definition of development best practice
- Clear, ethical development practices and outputs that empower end users
- Enduring solution support

Service Benefits

The benefits of our Application Development service are:

- Maximise the Return on Investment (ROI) in Palantir capability
- Collaborative working and strengthening of in-house capability
- Greater utility from existing data
- Enhanced business decisions
- Business insight through powerful data visualisation
- Better awareness of critical information
- Strong track record of deploying solutions in secure environments

- Rapid access to data to enable data driven decisions
- Improved data quality
- Infrastructure to enable predictive and prescriptive diagnostics
- Managing security & compliance
- Single source of truth
- Transformation enablement
- Enabling delivery of strategic objectives

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