



black
marble

G-Cloud 15 Framework

Internet of Things (IoT) Implementation Services -
Service Definition 2026



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About Black Marble

Black Marble is a UK based, medium-sized company **with a security cleared workforce**. We have a reputation for a clear and direct approach to solving complex business problems and specialise in new user experiences on innovative technologies across a variety of form-factors and screen types.

We are a Microsoft Partner and internationally recognised experts, delivering solutions across the Microsoft platform from Azure and integration tools like Logic Apps and BizTalk, to Windows Development and MAUI. For over four years, Black Marble have received three Worldwide Microsoft Partner of the Year Awards and have been finalists in five additional categories.

We have a track record in delivering solutions using the key Microsoft building blocks, ensuring our customers benefit from solutions which address business challenges that are efficient and effective. Plus, with 3 Microsoft Most Valuable Professionals (MVPs), a team of Microsoft Certified Professionals, and 1 Microsoft Regional Director, we ensure you have the best people to deliver your solutions.

Black Marble has been on the G-Cloud framework for several years and has a wealth of experience delivering solutions for the Public Sector. Our customers range from the emergency services and health authorities to Government organisations.

View a selection of our customer stories at www.blackmarble.com/case-studies/.

G-Cloud 15 Service Description

Internet of Things (IoT) Implementation Services

Many organisations have critical operational data trapped inside unconnected machines, sensors, and specialist systems. This service delivers end-to-end IoT solutions, enabling devices and assets to connect securely and stream actionable data. We design and implement IoT architectures, integrate systems, and establish data flows that deliver measurable improvements in visibility, automation, and operational efficiency.

This Service Covers

- Software-focused IoT solution delivery from design to deployment.
- Device and sensor connectivity software implementation.
- Integration of embedded, legacy, and industrial systems via software adapters.
- Edge processing, event handling, and real-time data pipelines.
- IoT security, authentication, and lifecycle management.
- Cloud, hybrid, and on-prem IoT platform deployment.
- Telemetry ingestion, event processing, and analytics implementation.

Outcomes

- Fully deployed, software-driven IoT solution.
- Real-time visibility into enterprise devices and assets.
- Unlocking of hidden operational and sensor data.
- Automated insights that reduce downtime and inefficiency.
- Improved asset performance, utilisation, and reliability.
- Consistent data across devices, systems, and operations.
- Scalable platform for future IoT and digital transformation

Black Marble Services

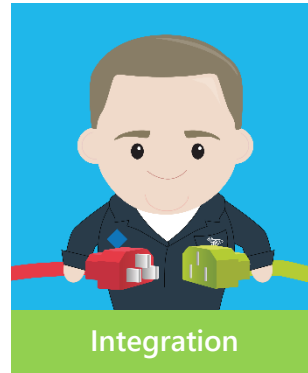
At Black Marble we provide a whole range of services across the Microsoft platform, from integrated solutions to DevOps and Azure. At our core we provide custom application development, utilising our skills and experience to produce innovative solutions for our customers.

We have taken advantage of the breadth of the Windows Platform, and our host of talented developers, to create solutions that make a real difference to our enterprise-level customers. Our award-winning frontline policing application, tuServ, is a prime example: a solution that increased patrol-time for officers, saving 1 hour 30+ minutes a day per officer, as well as greatly improving the quality of the data available to officers. Our pioneering team can bring your projects to life, making digital transformation a reality: for you, your business, and your customers.

- Cloud Optimisation – Cloud Planning, Cloud Hackathons, Application Architecture and Modernisation, and Cloud Application Implementation.
- Systems Integration – Integration Planning, Integration Health Check, Integration Performance Review, Integration Migration and Integration Implementation.
- Application Development – Application Design, Adopting and Enhancing Application services, Application Implementation and Application Code Review, including AI, App Modernisation, and Rescue Projects.
- Development Operations – DevOps Planning, DevOps Hackathon, DevOps Implementation, Azure DevOps/Services Migration, DevOps Tools Consolidation and ARM Templates, Bicep, and GitHub Migration, Planning and Implementation.

Black Marble Consultancy

We have a highly skilled and experienced team of consultants that can provide specialist expertise and advice to our customers across the Microsoft platform (Azure, AI, Integration, Logic Apps, BizTalk, DevOps, GitHub, SharePoint, Office 365, Maui and the Windows Platform).



We can target your primary software development requirements, whether you need in-house staff augmentation or are looking for an outside partner to take complete responsibility for designing and developing the software you need to run your business or assist with a project or process implementation.

The application of Black Marble's accumulated knowledge to a client's situation often provides innovative, and unexpected solutions. Bring the best to your organisation through taking advantage of our Consultants' skills and knowledge acquired over years working with customers - solving their problems and providing elegant solutions.

"Black Marble has extensive knowledge across the Microsoft stack, so I know when I recommend they speak to a customer they will be able to provide a holistic approach to meet their needs. Plus, they have a strong, ethical philosophy which means I know they won't push a solution that's not needed. When customers approach Microsoft for advice we need to know we're pointing them towards a partner they can trust – & Black Marble has proven our faith in them again & again." - Architect Evangelist, Microsoft Ireland.

Get in touch!

Find out how we can help transform your business!



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