

About this service

Our cloud architecting service is designed to ensure that you make good investment decisions when transitioning to cloud-based services. As we are not tied to an infrastructure provider which means we maintain independence on your behalf ensuring that your decisions are right for you and avoid vendor lock-in.

We provide a competitively priced service that can investigate your business needs while providing the knowledge and insight to match those needs to a portfolio of optimised services. Furthermore, we will provide unbiased recommendations about legacy systems, balancing past capital expenditure against future operating costs.

Our holistic offering considers Cloud Architecture in the round covering strategy, business needs, governance, security as well as the fast-evolving services offered by the large cloud providers.

When to use this service

When looking towards a cloud architecture, it's critical that you understand your 'as is' situation. This includes, the CAPEX and OPEX costs associated with your current infrastructure, the location and distribution of your information, the criticality of your information systems and applications in terms of how they support your business processes and deliver value.

Understanding your data is key, most of it will be in extant databases or file storage, some may be tied to legacy applications. You need to decide if its viable to move certain data to the cloud, and if so, when. When migrating data to cloud there are a multitude of options to choose from, all of which will have implications on security, cost, accessibility and latency. Furthermore, you may be looking to better exploit your data through artificial intelligence and machine learning all of which require significant data collection and storage strategies.

Having established the baseline, you then must decide upon what needs to improve. This means looking at features, functions, process, performance, security, governance, cost etc. From this you will determine your requirements.

Early on you will need to make some fundamental decisions about how you will leverage the cloud for business benefit. Will you use Public, Private, Virtual Private, Multi-Cloud or a Hybrid cloud solution?

You need to decide what you are going to do to meet your requirements. This will require an informed and objective look at the offerings from the various providers. It is highly unlikely that you will be able to satisfy your requirements at once, you therefore must define value then prioritise those requirements that offer greatest return on investment and carefully plan your migration.

What we deliver

Our Cloud Architecture Service covers all stages of the process where we can apply a wide range of integrated capabilities including:

- Infrastructure Maturity Assessments
- Information and Information System Audits
- Security Audits
- Cost Modelling
- Security and Risk Assessments
- Business Process Capture
- Requirements Capture
- Solution Definition and Modelling (Cloud based opportunities and solutions)
- Database Design (SQL, NoSQL, Transactional, Data Warehouse etc.)
- Data Science Knowhow and Data Cleansing
- Options Analysis and prioritisation (including business case support)
- Cloud Migration Planning
- Cloud Governance Processes (including monitoring, SLAs, operations management and information and knowledge management)
- Transition Support (including knowledge transfer and integrating new ways of working)

Our assumptions & your obligations

- Access to corporate information around ICT and business processes
- All necessary stakeholders are engaged, fully committed and appropriately empowered
- Full access provided to relevant policy, strategy and business cases

How we work with you

BMT provides a scalable service with flexible, skilled resources delivered via a Managed Service mechanism. Our outcome-based delivery to cost, time and quality is managed by a dedicated manager who is assigned to you.

Our team will work with you and your key stakeholders to ensure your needs are met at both a strategic and tactical level. Performance and quality of service delivery is monitored, assessed, measured and assured. By maintaining frequent, regular contact and dialogue with you, we seek feedback and assess your satisfaction with our performance, with the capacity to escalate issues rapidly if required.

Our aim is always to deliver a sustainable solution and we work with you to ensure we transfer knowledge and skills to your staff, enhancing your in-house capability and maximising the benefit you gain from your engagement with us.

How we deliver this service

We will leverage and adapt our own BMT cloud architecture framework which will help accelerate the pace of work and reduce cost.

Within the framework we use a mixed team of specialists which include Enterprise Architects, Cyber Security Consultants, Cloud Solution Architects, Business Analysts, Data Scientists, Cost Modellers, Service Managers and Project/Programme Managers who will collectively deliver, as and when needed, across the value chain.

In general terms we will work with your people to:

- Review your ICT strategy making recommendations where needed
- Establish just enough baseline architecture to capture your 'as is' situation
- Analyse the 'as is' architecture and refine the strategic options and align to your business outcomes
- Identify the business and technical requirements across all lines of development
- Map requirements to costed solution options
- Establish a cloud governance framework
- Plan the migration
- Optionally project manage the transition to cloud
- Embed the new cloud services into the business

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