



Enterprise Architecture

G-Cloud 15

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About this service

BMT's Enterprise Architecture (EA) service helps organisations design and govern the business, data, application and technology (BDAT) landscapes needed to deliver cloud-enabled transformation. We introduce, augment or operate an EA capability that connects strategic goals with executable change, producing target architectures and transition roadmaps that guide investment and delivery. We are vendor-neutral and align with GDS, DDaT and TOGAF principles.

When to use this service

When your organisation is faced with the imperative to change to cloud-based services at pace and scale, we provide a full range of architecting services closely aligned with project/programme management and following Government Digital Service (GDS) principals. We can provide our tailored services to meet a range of different scenarios: Use this service when your organisation needs to:

- Establish or mature an EA function to support cloud and digital programmes.
- Define target architectures and transition roadmaps that link strategy to delivery.
- Assure large change portfolios against EA principles, patterns and standards.
- Make cloud adoption and modernisation decisions (re-platform, re-host, re-factor, replace) with clear dependencies, risks and costs.
- Improve data, integration and interoperability across complex estates.
- Strengthen governance with a practical EA process integrated to PMO/Design Authority.

What we deliver

We tailor deliverables to your context and programme stage. Typical outputs include:

- **EA Framework & Operating Model** (roles, processes, RACI, engagement model).
- **EA Principles, Policies and Standards** (cloud, data, integration, security).
- **Current-state (AS-IS) and Target-state (TO-BE) architectures** across BDAT with **transition architectures** and **roadmaps**.
- **Cloud Reference Architectures** and option analyses for migration/modernisation (SaaS/PaaS/IaaS).
- **Data & Integration architecture** (canonical data models, APIs, eventing, interoperability patterns).
- **EA Governance & Design Assurance** (design reviews, compliance assessments, waivers).
- **Modelling as a Service** using **ArchiMate, UML, BPMN, SysML** in tools such as **BiZZdesign, Enterprise Architect, Archi, Power Platform/Visio**.
- **Gap analysis** and **EA Requirements** (NFRs, quality attributes, constraints).

- **Technical Assurance Reports** for significant designs, procurements or changes.

What benefits we provide

- Coherent Layered Architecture to meet your business needs
- 100% focus on delivering value
- Actionable deliverables by your organisation on completion of our work
- An improved in-house architecting capability
- Close integration with Project, Programme Management (P3M) and MSP
- Ownership of the architecture by the business
- Integration with agile approaches and methodologies
- Integration with ITIL 4 service management
- Avoidance of tool vendor lock-in
- Avoidance of unnecessarily over-architecting

How we deliver this service

We provide a scalable managed-service model led by a Lead Architect with Design Authority and governance integration. We partner with project/programme management to ensure EA is embedded in delivery, not a parallel activity. Our approach focuses on knowledge transfer, so EA capability is sustained in-house.

Whatever your goal, we tailor our enterprise architecture approach to focus upon your business needs and only delivering the artefacts that are required to support that need. We do this by firstly determining the perspectives of your organisation that are of interest and/or likely to change. This may include taking a view of your current architecture then defining the future architecture, creating the roadmap and overseeing the migration

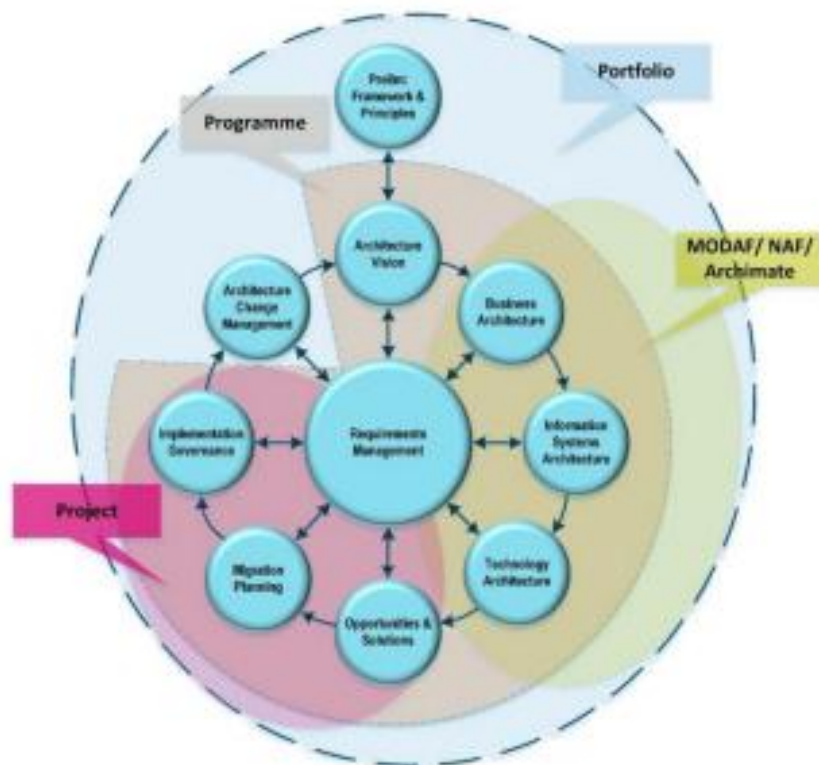
Our hybrid EA approach combines **classic EA discipline** with **cloud-centric transformation architecture**. Our approach will:

- **Frame & mobilise** – confirm drivers, scope, constraints, and EA engagement model; establish EA principles and ways of working.
- **Baseline & insights (AS-IS)** – catalogue applications, data, integrations and technologies; identify risks, technical debt and cost drivers.
- **Target state & patterns (TO-BE)** – define reference architectures, domain target states and reusable **patterns** (e.g., API, event, identity, landing zones, zero-trust guardrails).
- **Roadmap & options** – create transition architectures and a sequenced roadmap with dependencies, NFRs and trade-offs (re-host/re-platform/re-factor/replace/retire).
- **Govern & assure** – operate design reviews, exemptions and conformance tracking integrated with PMO/Change Authority.

- **Measure & improve** – establish EA metrics (reduction of duplication, integration lead-time, data quality), and iterate

We accomplish all this using a variety of tools, methodologies and frameworks to best suit your needs. We have experience in using:

- Tools including BizDesign, Enterprise Architect, Achi and SharePoint/Power Platform/Visio
- Notations including Archimate, UML, SysML and BPMN
- Frameworks including TOGAF, NAF, UPDM and MoDA



We ensure that your team can fully benefit from the work we do by providing ongoing knowledge transfer or dedicated training. We believe that rigour is required to enable change to elements of the business, with the confidence that the inter-relationships between people, process, assets and technology are well managed and well understood.

Experience

BMT has delivered EA services to **Defence Infrastructure Organisation, SAB Miller, Dstl, UK MOD, Ministry of Justice, Staffordshire Police, West Mercia and Warwickshire Police, and the Home Office.**



Contact details

Edyta Redfern

Global Head of Bidding

E: bidding.uk-europe@uk.bmt.org

T: +44 (0) 1225 473 727

www.bmt.org