



IB BOOST LTD

P | +44 (0)118 230 1337
E | tenders@ibboost.com
W | www.ibboost.com

CLOUD CONSULTANCY AND DESIGN SERVICES

Cloud Support – Service Definition

IB Boost is a specialist development consultancy whose focus is on delivering complex solutions to global organisations. Our experience has led to the development of a suite of innovative software frameworks for accelerating project delivery. Our combination of subject matter expertise and innovative software solutions paired with our passionate technology consultants allows us to provide a comprehensive range of cloud solutions for almost any target application technology.

SUMMARY

IB Boost helps establish best-in-class cloud solutions for your projects including architecture design, cost comparison, security analysis, high availability and business continuity design, system integration, data migration, development and implementation services. We can design, develop, migrate or operate your applications in all cloud platforms with our suite of automation tools.

SERVICE OVERVIEW

IB Boost can help you establish a best-in-class cloud ecosystem for your applications, organisation or team. We can provide ad hoc, specialised, or end-to-end support and advisory services for any cloud project, whether migration to the cloud from legacy on-premise systems, or development of a new system in the cloud from scratch.

Automation

We live and breathe automation and DevOps methodologies to automate delivery and maintenance of cloud systems and aim to deliver the most cost-effective and efficient solutions to our customers.

Collaboration

We will work with you to analyse and assess your cloud needs against your current state to make sure the solution we propose is most suited to your requirements. We will identify and incorporate your stakeholder's requirements into all solutions and are happy to conduct any level of discussion, interviews, surveys or workshops to develop buy-in and address any concerns about operating in the cloud that stakeholders may have.

Planning

We can determine the feasibility of movement to the cloud and come up with a proposal which highlights our recommendations, alongside a proposed roadmap for cloud migration and implementation. We will do everything we can to ensure a smooth transition to the cloud.

Hosting and Security

From a cloud platform perspective, we have extensive experience working with Azure, Amazon Web Services (AWS) and Google Cloud, and can advise your organisation or team on the most appropriate solution based on your short- and long-term needs and budget. Data security and integrity checking services can advise on the appropriate application architecture to ensure government regulations are met.

Cloud Readiness

We can help reorganise existing applications and make them cloud-ready, including advising and implementing virtualisation (VMWare, Hyper-V, VirtualBox, Xen, etc.) and containerisation (Docker, LXC, Solaris Zones, etc.), as well as the orchestration and configuration of such services (Ansible, Chef, Puppet, Capistrano, etc.).

Cost and Design

IB Boost can help you lower costs both with platform and technology choices and service re-engineering which takes advantage of features of every cloud platform. We can help design the architecture for cloud solutions using the latest, best-of-breed tooling and strategies using our expertise in cloud development and automation.

OUR CLOUD CONSULTANCY SERVICES INCLUDE:

- Analysis and assessment of organisational and user needs (current and future state)
- Support with building a business case for moving to the cloud
- Engagement with stakeholders to obtain buy-in
- Identification of systems which can and should be migrated to the cloud
- Advice and guidance on the best approach to take with respect to cloud migrations
- Advice on the best cloud solutions and platforms to meet your needs including comparative uptime and cost analysis between the major platforms (such as AWS, Microsoft Azure, and Google Cloud)
- Wireframing and prototyping of ideas and potential solutions
- Design of high-availability (HA) and business continuity / disaster recovery (BC/DR) architectures, including calculation of pricing alternatives for various levels of support and availability
- Comparisons of cloud platform performance and availability metrics
- Provision of data migration and testing tools and methodologies to ensure integrity of your cloud services
- Design of security and audit systems and data integrity plans to ensure 'secure by default' solutions
- Design and assessment of solutions against CESG Good Practice Guides and the HMG Security Policy Framework
- Creation and execution of migration propositions and plans
- Design and implementation of the solution

FEATURES

- Specialised cloud consultancy services for new and legacy applications
- Cloud transition and migration feasibility and cost assessment
- Hybrid and private cloud design including government networks and extranets
- Bespoke, budget-conscious architectures utilising best-of-breed IaaS/PaaS/DBaaS/SaaS
- Cloud platform expertise and availability and cost optimisation plans
- Advisory services regarding security, regulations and compliance
- Platforms covered: Azure, Amazon Web Services (AWS), Google Cloud
- Automation and DevOps tools for Agile development
- Design against CESG GPG and HMG Security Policy Framework
- Application support, operation and maintenance, design and implementation

BENEFITS

- Reduced costs thanks to not needing to build/maintain infrastructure
- Flexible approach means improved ability to meet business demands
- Faster delivery of business benefits and updates through automation
- Use of modern technologies improves user experience
- Meets Government open source, scalability, reusability, SME utilisation targets
- Full breadth of cloud services (computes, storage, Database-as-a-Service, etc.)
- Highly-available design provides reliability and business continuity
- Scalable solutions with on-demand capacity usage and cloud cost optimisation
- Focus on strong, meaningful relationships with clients and partners