

Ebeni is a dynamic company focused on delivering high quality, innovative, value for money, secure, safe and resilient cloud support services.



Ebeni offers our clients trusted and comprehensive Cloud Support solutions, across three categories of Cloud Strategic Support, Cloud Cyber and Security Support and Cloud Software Support. Our proven track record in security, safety, software and systems engineering (S4) means we are uniquely qualified to offer our innovative holistic approach to the development and delivery of secure, safe and resilient solutions. Our cohesive multi-disciplinary teams and recognised experts exclusive to Ebeni, work across government to support clients including the Ministry of Defence, the Intelligence Community, Air Traffic Management, Network Rail, Train Operators and the Department for Transport. Our breadth of experience and specialist expertise ensures our customers achieve their objectives and realise benefits for their organisations.

WHO WE ARE

Ebeni is an engineering consultancy founded in 2004; everything we do is underpinned and inspired by our core values, which are key to how we work with our clients and Partners.

- We set ourselves high standards of **Excellence** in our services to remain pioneers in our fields of expertise.
- All those who come into contact with Ebeni **Benefit** in some way, whether an employee, a customer, a supplier or the community around us.
- Our endeavours are honest, ethical and aligned to industry best practice, maintaining our **Integrity** across the whole business.
- We are a trusted partner delivering secure, safe and resilient solutions, using our unique holistic approach to achieve fast, high quality outputs.
- We secure large national Operational Technology and safety critical programmes and systems, ensuring regulatory compliance to NIS D whilst achieving organisational objectives and realising intended business benefits.
- We ensure our individuals actively engage in continuous professional development, providing value for money, secure, safe and resilient service solutions.
- We pride ourselves in collaborative partnerships, ensuring our customers benefit from knowledge transfer and their workforce is upskilled throughout our engagements.

WHAT WE DO

Our areas of expertise include a diverse group of individuals with industry recognised skills in the following areas:

- Strategic consultants from Enterprise Transformation to programme and project level support across multiple business sectors and organisations.
- Multi-disciplined architects including Enterprise, Systems, Security, Solutions, Cloud, Data and Configuration specialisms
- Systems engineering across the systems lifecycle aligned to ISO 15288 including Requirements, design, validation and verification.
- Full lifecycle software development, testing and consultancy services including certification, compliance and process improvement.
- IT Security Specialists incorporating Pen Testing, Security System Engineering, Security Risk Analysis and Management, Threat Identification and Vulnerability Assessments.
- Security compliance and assurance aligned with ISO 27001 series, the NIST framework, NIS D, GDPR, HMG IA Standard Numbers 1 & 2 and Cyber Essentials.
- Security operations support providing Forensic Analysis and Incident Recovery.
- Business Continuity, Crisis Management and Disaster Recovery.



Service Definitions

Cloud Strategic Support

- Strategic Planning, Transformation and Blueprinting Service
- Architecture Service
- Safe and Secure Systems Engineering Service

Cloud Cyber and Security Support

- Security and Cyber Service
- Governance, Risk and Compliance Assurance Service
- Business Continuity and Resilience Service

Cloud Software Support

- Software Development Service
- Software Testing Service
- Software Support Service

Strategic Planning, Transformation and Blueprinting Service

Ebeni's experienced team of consultants provide industry leading strategic planning and enterprise transformation through integration with client organisations and up-skilling their workforce. Our unique ability to provide a robust, holistic approach incorporating Security, Safety and Systems Engineering (S3) enables our clients to achieve strategic business benefits.

Features

- Business strategy, blueprinting and road-map creation
- APMP accredited Portfolio, Programme and Project Management (P3M)
- Safe, secure and resilient benefits identification, alignment and realisation
- Streamlined safe, secure and resilient cloud operations
- Strategic Governance and enterprise risk management
- Communications strategies and implementation plans
- Transformation planning, management and implementation
- Tender support and supply chain selection
- Strategic Vision, Mission and Principle development and endorsement

Benefits

- Reduced exposure of risk from regulatory and legislative non-compliance
- Prioritised road maps, identifying opportunities to streamline services
- Through-life, flexible and resilient risk analysis and management
- Improved communications across your business
- Safe, secure and resilient solutions, reducing costs and increasing productivity
- Independent and vendor neutral analysis and recommendations
- Standard, repeatable approach, driving down costs and improving solution quality



Architecture Service

Ebeni's world class Architecture services ensures our clients strategic objectives are realised by representing all levels of a business and its systems through alignment of appropriate frameworks. Using TOGAF, MODAF, SABSA, amongst many others, Ebeni provide a robust service that achieves intended outcomes and realises business benefits.

Features

- Enterprise architecture aligned to TOGAF, MODAF and ITIL
- Security Architecture aligned to SABSA, ISO 27001, ISO 42010
- System Architecture using UML, MODAF, ArchiMate notations
- Information and Data architectures
- As-is and To-be descriptions providing gap analysis and roadmaps
- Systems and Service mapping, delivering Enterprise blueprints
- Evidence based information exchange requirements and solution options
- Architecture overview workshop and knowledge transfer

Benefits

- Standard, repeatable approach, driving down costs and improving solution quality
- Prioritised roadmaps, identifying opportunities to streamline services
- Industry leading tailored Safe, Secure and Resilient cloud solutions
- Flexible and adaptive process that exceeds business requirements
- Improved decision making through existing and future system understanding
- Reduced system costs through requirements tracing and justification
- Improved options selection through evidence-based architecture and design
- Improved business efficiencies in solution selection and testing

Safe and Secure Systems Engineering Service

Ebeni's systems engineering expertise means we are ideally qualified to elicit system requirements from key stakeholders capturing them for implementation. We can also provide independent verification and validation services ensuring that traceability exists throughout the system development lifecycle to prove that all system requirements have been implemented, validated and verified.

Features

- ISO 15288 process alignment and delivery
- User Requirements elicitation, management and trading
- Functional and non-functional System Requirements creation and justification
- DOORs Administration
- High-level and low-level design creation and endorsement
- Model Based Systems Engineering (MBSE) approach
- Design solution analysis and independent down selection
- Testing, Verification and Validation plan creation and implementation
- Prototyping and mathematical modelling
- Security, Safety and Systems Engineering integration through agile delivery

Benefits

- An excellent track record of predictable delivery
- Manage costs through on/off engagement meeting changes in demand
- Enhance and complement your existing team to achieve a goal
- Increased efficiency through cross-market best practice
- An independent assurance capability to reduce risk
- We can develop your team to improve their productivity
- An alternative to incumbent to reduce reliance on one organisation
- Expansive cross-domain knowledge
- A fresh perspective to sustain or recover challenging programmes
- We can de-risk your programme through increased capacity



Security and Cyber Service

Ebeni's industry recognised Cyber Security expertise provides support to diverse systems including safety-critical environments, operational technologies and business systems. Our service has been applied across multiple sectors, supporting organisations in understanding and overcoming the challenges presented by often conflicting regulatory requirements imposed on cybersecurity and safety critical systems.

Features

- Use of professionally recognised cyber individuals including CCP and CISSP,
- Security Risk analysis, management and control application
- Secure, safe and resilient design of business and operational technology
- Maturity assessment and gap analysis of security across the business
- White box and Black box Penetration testing
- Security and safety Incident recovery support for current security events
- Aligns with Common Safety Method for Risk Evaluation and Acceptance
- OES support to achieve and maintain NIS D Compliance
- Forensic analysis identifying root causes of security incidents
- Threat identification through kill chain development and analysis

Benefits

- Vendor agnostic approach gives you unbiased, most appropriate solution options
- PACE approach ensures best fit for requirements
- Extensive knowledge of regulatory frameworks significantly de-risks non-compliance
- Sharing knowledge of industry best practice improves security across sector
- Security Cleared specialists ensure the Confidentiality of your information
- Provision of decision quality information enhances effective risk management
- Breadth and depth of knowledge improves successful implementation minimising rework
- Safety aware security specialists coordinate and map system integration

Business Continuity and Resilience Service

Ebeni's Business Continuity and Resilience Services provide industry leading support across government organisations and their supply chain. Providing a unique approach combining Security, Safety and Systems Engineering (S3), informing options selection and delivering whole life-cycle solutions and support. This service includes disaster recovery and crisis management throughout the system life-cycle.

Features

- ISO 22301 compliant guidance and implementation services
- Enterprise Business Continuity integration, including strategic direction, organisation and systems
- Customer Friend support for Business Continuity Programme Management and delivery
- Crisis Management design and implementation
- Emergency Response planning and testing
- Disaster Recovery analysis, design and implementation
- Business Continuity Maturity assessments and resolution action plan
- Lifecycle integration of Business Continuity, Crisis Management and Disaster Recovery
- Operational Technology integration for Critical National Infrastructure

Benefits

- Industry leading tailored Safe, Secure and Resilient solutions
- Reduced risk exposure through improved and informed design decisions
- Reduced service denial impacts through business continuity
- Reduced resolution times during incident and event management
- Reduced compliance and assurance cost impact through integrated lifecycle approach
- Standard, repeatable approach, driving down costs and improving solution quality



Governance Risk and Compliance Assurance Service

Ebeni's Security GRC Service provides clients with the support and evidence required to demonstrate alignment to legislation, regulation, standards and policy. We provide a risk-based approach, across our client's organisation, including Security, Safety and Systems Engineering (S3) aspects, minimising the risk of financial impact resulting from breach of legislation.

Features

- Implementation follows the Pragmatic, Appropriate and Cost Effective (PACE) principle.
- Accreditation assessments and compliance assurance including GDPR, NIS D, ISO27001 & NIST framework.
- Suitably Qualified and Experienced Personnel (SQEP) appropriate to your needs.
- Tailored Information Risk Assessments aligned to ISO31000 and ISO27005.
- Experienced across regulatory frameworks e.g. NIS D, Data Protection Act and ONR SyAPS.
- Decision quality information for board, project managers, and risk owners.
- Creation or Review and Update of all Security Documentation types.
- SyOps, Threat Assessments, Vulnerability Assessments, Risk Management.
- Risk Assessments, Threat Analysis, Risk Treatment Plans and Risk Management.
- Security Cleared specialists enables work across multiple classified systems.

Benefits

- Vendor agnostic approach gives you unbiased, most appropriate solution options.
- PACE approach ensures best fit for requirements.
- Extensive knowledge of regulatory frameworks ensures security compliance.
- Sharing knowledge of industry best practice improves security across sector.
- Provision of decision quality information enhances effective risk management.
- Breadth and depth of knowledge improves successful implementation, minimising rework.
- Flexible risk assessments tailored to organisational needs.
- Increased risk understanding to inform strategic planning .
- Reduced through-life management costs through improved compliance.

Software Development

Ebeni's software development expertise coupled with our understanding of regulation and standards in the markets in which we operate, means we are ideally qualified to support organisations in gaining approval and certification for innovative new systems and products in the most cost effective way.

Features

- Software Requirements Management
- Software Architectural Design
- Low Level Design
- Coding
- Agile Development
- UML
- OOA
- OOD

Benefits

- An excellent track record of predictable delivery.
- Manage costs through on/off engagement marrying changes in demand.
- Enhance and complement your existing team to achieve a goal.
- Increased efficiency through cross-market best practice.
- An independent assurance capability to reduce risk.
- We can develop your team to improve their productivity
- An alternative to incumbent to reduce reliance on one organisation.
- Expansive cross-domain knowledge.
- A fresh perspective to sustain or recover challenging programmes.
- We can de-risk your programme through increased capacity.



Software Testing

Ebeni's software testing expertise enables us to offer a full range of software testing throughout out the software development lifecycle. As well as testing our own software, clients engage us to independently test software that our clients have developed enabling the client's team to focus on core IP generating activities.

Features

- Independent Verification and Validation
- Unit Testing
- Integration Testing
- System Testing
- Factory Acceptance Testing
- Site Acceptance Testing
- Performance Testing

Benefits

- An excellent track record of predictable delivery.
- Manage costs through on/off engagement meeting changes in demand.
- Enhance and complement your existing team to achieve a goal.
- Increased efficiency through cross-market best practice.
- An independent assurance capability to reduce risk.
- We can develop your team to improve their productivity.
- An alternative to incumbent to reduce reliance on one organisation.
- Expansive cross-domain knowledge.
- A fresh perspective to sustain or recover challenging programmes.
- We can de-risk your programme through increased capacity.

Software Support

Ebeni offers a range of software support services throughout the software development lifecycle post-delivery of a formal release. This includes working new features, analysing faults that can then be addressed, tracking defects so that root cause analysis can be performed and improving the performance of a system.

Features

- Change Management
- Fault Reporting
- Defect Tracking
- Performance Management

Benefits

- An excellent track record of predictable delivery.
- Manage costs through on/off engagement meeting changes in demand.
- Enhance and complement your existing team to achieve a goal.
- Increased efficiency through cross-market best practice.
- An independent assurance capability to reduce risk.
- We can develop your team to improve their productivity.
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- Expansive cross-domain knowledge.
- A fresh perspective to sustain or recover challenging programmes.
- We can de-risk your programme through increased capacity.



Service Lifecycle Support

Planning and Mobilisation

Prior to commencing a project, Ebeni undergoes a planning phase where with the customer we establish a common understanding of the project scope. Planning includes understanding key stakeholders, establishing customer requirements, understanding timescales, establishing acceptance criteria, establishing reporting mechanism/frequency, understanding resource requirements, the development of a quality assurance plan and the development of a project risk register.

Quality Assurance

Prior to commencing a project, as part of the planning phase the Ebeni Project Manager will develop a quality assurance plan that is reviewed and approved by Ebeni's Quality Manager in line with our ISO 9001 accreditation. The plan identifies the quality assurance activities that will ensure that a quality product is delivered in line with customer expectations. As part of the planning phase, acceptance test criteria (including performance testing) is established so that there is a common understanding of how the customer will accept Ebeni's deliverable.

Delivery

Ebeni services are delivered through proactive management with a transparent and collaborative approach to ensure their successful delivery. Before a service is provided, Ebeni will agree tailored reporting requirements with each customer, that monitors progress throughout a service delivery. Formal templates will be established, regular dates will establish the relevant report frequencies and key information requirements will be agreed. To ensure the quality of Ebeni service delivery, we encourage performance monitoring against customer focussed Key Performance Indicators (KPI) that provide confidence in our services.

Training and Knowledge Transfer

Ebeni are able to offer a range of training options to enable the upskill the client's team so that they are self-sufficient and are not reliant on Ebeni unless an ongoing relationship is desired. All of Ebeni's services are delivered in a way that enables our customers to increase their knowledge and upskill their workforce.

User Support

Ebeni's support service is governed by a service level agreement that is established at project start. The Service Level Agreement is tailored depending on the client's support needs and expectations.

Close out and Review

Ebeni services include the option to conduct a formal close out and review that includes an opportunity to discuss the overall delivery and performance of the service. A key output is a set of 'Learning From Experience' (LFE) items that can be used to inform and support continual improvement for both the customer and Ebeni, as the provider.



Ebeni Evidenced Experience

Our services have been successfully delivered for the following clients:

Defence and Intelligence – Strategy, Security, Architecture and Software

- Security Assurance Coordinator (SAC) Support – Delivering RMADS / Security Cases, Project Crypto Plans and Key Management Plans. Supporting technical risk activities including controls aligned with JSP 440.
- Support to development and compliance with specialist policies and frameworks including JSP 604 and NIST.
- Secure End to End Architecture support – Providing enterprise and security architecture, incorporating system descriptions, data flows and interface solutions in accordance with IEC 42010:2011 and current Defence Digital Reference Architecture.
- Special Project Support – Delivering key skills across security architecture, business analysis and IT security specialisms.
- SIL determination on a military air platform assessing software in accordance with Def Stan 0055/56 and DO178B/C.

Critical National Infrastructure – Strategy, Security, Risk, Business Continuity, Software and Systems Engineering:

- Strategic Consultancy and Architecture to support enterprise-level business continuity and business change (ISO 22301:2019) and ensuring compliance with the NCSC CAF and DfT CCT policy.
- Security risk assessment and management, identifying critical assets, control measures and supporting ongoing risk management across complex systems, bridging the gap between business systems and operational technologies aligned with ISO 27001 series.
- Support to development and compliance with specialist policies including the DO-326/ED-202 aviation policy set.
- Security business analysis supporting key infrastructure programmes with requirements, design options and solution recommendations.
- Secure, safe and resilient architecture designs for SCADA systems across the UK following IEC 61850 and IEC 62443.
- Systems engineering support on the Thameslink and Crossrail rail programmes in accordance with CENELEC EN50128 and EN50129.
- Software verification on a novel product focused on Windfarm mitigation in the ATM industry in accordance with ED109A/B.
- Software consultancy and software process improvement in the ATM market in accordance with ED109A/B to enable our client to deploy their system in the UK/Europe

Industry Regulators – Governance, Compliance and Policy Development

- IT security specialist support ensuring NIS D compliance for key national infrastructure programmes across complex systems and solutions.
- Ensuring a holistic security and resilient strategic approach, supports key national objectives, regulations and legislation.
- Continued participation in specialist focus groups addressing emergent issues and resolutions.
- Software verification and validation on a Naval boat programme in accordance with IEC61508 SIL2.



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