NWT

ENGINEERING AS-A-SERVICE

IDENTIFY AND DRIVE IMPROVEMENTS

ROBUST SOFTWARE SOLUTIONS

On-demand access to highly competent software engineers and developers with considerable experience in the delivery of complex, high-risk, high-value programmes across a range of delivery platforms. NWT's **Engineering as a Service** (EaaS) equips your organisation with mission-critical assets, sought after skills, enhanced operational capability and innovative approaches to extend your engineering best practice across all project areas.

ATOS

NWT are trusted partners and advisors who are a pleasure to work with, they consistently deliver to quality and demonstrate integrity. I have worked with them over several years and would not hesitate to recommend them.

Darren Austin
SVP Chief Engineer

STRUCTURED ADVICE AND GUIDANCE

NWT has vast experience and learning in delivering complex projects. Our EaaS covers the full stack of software engineering services across all Cloud platforms including AWS, Azure and GCP. Combining their deep technical domain knowledge with systems engineering management techniques, our accredited Engineers and Developers typically deliver key projects such as systems evolution from concept through to implementation, operations and eventually, disposal. Typical roles include DevOps Architect/Engineer, Automation Engineer, Infrastructure Architect/Developer, Big Data/BI Architect Developer, Application Architect and Application Developer.

Features

- Full stack software engineering services (Java, .Net, React, Scala)

- Engineering and developer skills across all Cloud platforms (including AWS, Azure and GCP)

- Software development using a range of technologies

- Access to deep rooted expertise in Web, mobile and backend development

- Software Config Management and Version Control

- Utilises Agile software delivery methods

- Automated CI/CD pipelines

- Provides access to Systems Integration and Cloud native software engineering expertise

- Robust handover and knowledge transfer

- Provides access to software development tools that can be utilised by your teams

- Increase quality and performance of applications

- Follows best practice to ensure projects robustly planned

- Provides independent honest assessment – acts as your critical friend

Benefits

- Quickly deploy industry-leading software engineering and developer experts

- Improved delivery support, governance and project success

- Delivers robust engineering solutions faster without large upfront investment

- Provides training and knowledge transfer

- Enables you to create, design and deliver critical projects and achieve your digital imperatives

- Help to quickly realise required outcomes

- Implements a strong Agile and DevOps culture within your business

- Increases quality and performance of applications

- Accelerates feature development and reduces risks and costs.

SOLVING REAL CHALLENGES

Fully equipped with the skills and experience to achieve project success our engineers and developers can inform the design of your infrastructure platforms and provide efficient automation of build and deployment processes as well as CI/CD activities. EaaS incorporates training on DevOps tooling and methods alongside effective monitoring and logging increasing technology efficiencies, team collaboration and overall business performance.

Following industry best practice in Agile and DevOps, our engineers and developers can be trusted to reliably deliver engineering services efficiently, within appropriate compliance and governance frameworks. They can manage service components to ensure they meet business needs and performance targets and identify process optimisation opportunities. They will share their knowledge, thought leadership and considerable understanding of enhancing customer experience to ensure solutions are robustly designed and executed.

Our engineers and developers will be able to draw on the wider experience and resources of our strategic alliance partners and the innovative thinking that is required to deliver today's digital imperatives.

There are many different roles our engineers and developers can fill, which vary from one organisation to another, but typical client engagements include:

• **Product development:** As markets evolve, new technologies and new customer demands place a growing emphasis on product development.

NWT understands that there is a constant need to redesign, develop and change with the market to keep products relevant and in demand. We provide the on demand technical expertise our clients need to support complex transformation programmes and bring new products or technology to market.

• **Business processes:** Our flexibility and forward-thinking approach has enabled us to help our clients shape their digital transformation and create new business processes and customer experiences for the digital age. We provide the right mix of expertise and experience and use analytics and artificial intelligence to help our clients use the latest digital innovations to optimise operations and improve engagement with employees and end users.

• **Scrum Master:** In our role as Scrum Master within engineering, we have delivered high-value, high-quality enhancements to clients software products and platforms.

• **Promote knowledge sharing:** Our understanding of modern engineering practices and architecture, Agile methodologies and practices has enabled us to coach and lead teams in Agile and Lean practices, build squads that realise their full potential and act as a trusted facilitator of change.

• **Training and mentoring:** We work closely with our clients' technical staff throughout our engagements, helping them to 'learn by doing' and transferring essential skills and knowledge to their in-house team. We can also source and arrange formal training for our clients and their staff via relationships we have in place with vendors and training providers.

Whatever their role, our engineers and developers strive to deliver as much business value as possible. Using our nimble and iterative 5D Methodology they ensure technology delivers the required business outcomes and that infrastructure is secure, performant, scalable and auditable.

AGNOSTIC SUPPORT ON- OR OFF SHORE

Our Engineers and Developers are proficient in a wide range of technical systems and are capable of working across a range of delivery platforms, utilising different methodologies and frameworks and are available on shore, off-shore or near-shore depending upon the needs of your business. NWT operates agnostically to any underlying technology, ensuring objectives are met with an unbiased view.

EaaS is a totally scalable and flexible service-based delivery capability that provides the interim support you need throughout the often fluid lifecycle of a programme of work.

We will provide senior, accredited Engineers and Developers with considerable leadership and project management skills who will:

- Be expert in many technical areas or specialists with very deep knowledge in a particular technical area

- Embrace a collaborative and empathetic approach to working with you and your organisation

- Offer pragmatism born from real world leadership experience

- Provide a direct and honest assessment of your current context – acting as an independent critical friend

- Have deep understanding of current UK Digital and Technology policy

- Demonstrate a strong understanding of the most appropriate standards and practices and how they should be applied

- Design, quality review and quality assure solutions and services, specifically engineered with mitigation of risks and threats as core features.

Whether you need short-term assistance or a longer multi-functional engagement to design and deliver a major transformation, we will apply our wealth of experience to guide you on your digital journey. We will provide flexible deployment and commercial options designed around you needs.

To find out more about our EaaS please reach out to one of our senior Practice Practitioners who will be pleased to discuss your requirements and offer constructive advice and support.

EAAS IN ACTION

The healthcare sector brings with it an unusual set of challenges. Our National Health Service is under immense pressure to improve service delivery to patients on a limited budget. This, combined with the fact that many organisations in the industry have a portfolio of aging buildings, with few lending themselves to sustainability and efficiency, means organisations are now seeking ways to cost effectively improve their facilities.

The role

NWT has provided consulting service and support on a wide range of healthcare engineering projects including optimising healthcare operations and solving problems in order to help clients deliver safe, effective and affordable care.

Key outcomes

- New optimised departmental processes
- Reduction in IT spend
- Knowledge transfer

NWT

Over the past seven years, NWT has utilised its own industry experts coupled with strategic partnerships to offer a range of enterprise-grade Consultancy Services that are designed to help our clients embrace the digital world and modernise their IT. Our experts tap into a wealth of knowledge and expertise gained whilst working at CEO, CTO, CFO level to deliver immediate and sustainable value for our clients. Our portfolio of services is designed to your organisation deliver digital business strategies and enhanced service performance.

NWT can offer Engineering as-a-Service for complex digital transformation programmes designed to deliver your digital imperatives and create innovative new public and private sector offerings. Additionally, we can also provide more focused support to help address a specific technology challenge. Whether you need short-term assistance to bridge a gap in your migration or transformation capability or a full multi-functional programme team deployed to design and deliver a major transformation, we will apply our wealth of experience to guide you on your digital journey

We have established key strategic partnerships and alliances with world-class organisations in order to create positive outcomes for our clients. Built on a foundation of collaboration, differentiation and innovation, our partner ecosystem underpins and complements our own specialised consulting capabilities and real-world experience. Which in turn, enables us to deliver the right solutions and teams to address the complex, critical business challenges our clients face in a time of unprecedented disruption and change.

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