# Cloud Modernisation & Replatforming

**Service Definition**

# Cloud Modernisation & Replatforming Services

Our service builds and refactors applications using modern engineering practices and Amazon Web Services, enabling you to easily support the digital ambitions of the organisation. This service establishes a path to continuous deployment, increased collaboration and efficient, rapid delivery through a proven approach.

# Cloud Modernisation & Replatforming Services

## Service Description

Our service builds and refactors applications using modern engineering practices and Amazon Web Services, enabling you to easily support the digital ambitions of the organisation. This service establishes a path to continuous deployment, increased collaboration and efficient, rapid delivery through a proven approach.

### Service Features

- Application Refactoring: Utilises AWS for scalable, robust application architecture.
- Modern Engineering: Uses modern practices for optimal software engineering.
- Digital Support: Enhances your organisations capabilities for digital transformation.
- Continuous Deployment: Streamlines updates for constant service improvement.
- Collaboration: Fosters a culture of collaboration and teamwork with shared development goals.
- Efficiency: Accelerates delivery with automated processes.
- Proven Approach: Relies on our own trusted approach which delivers consistent results.
- Cost-Effective: Reduces cost through optimised utilisation and delivering shared goals.

### Service Benefits

- Scalable Architecture: Utilise AWS for robust, scalable applications that flex with your needs.
- Optimised Engineering: Modern practices enhance software engineering efficiency.
- Digital Transformation: Boost your organisations capabilities to deliver digital transformation rapidly.
- Continuous Updates: Streamline service improvements with frequent deployments.
- Accelerate Delivery: Reduce time to market by accelerating product releases through automated processes.
- Robust Security: Enjoy the benefits of strong AWS security models.
- Cost Savings: Optimised resource utilisation leading to cost savings.

Why Leighton?

# We make the improbable, possible

# Who we are

## We accelerate digital capabilities to help organisations thrive.

For as long as we can remember (and we've been around for over 32 years), organisations have struggled to deliver digital change. Technology continues to change. User expectations continue to rise. And getting the right resource, skills and expertise to deliver on time, on budget and to the highest quality is a real challenge.

That's where we come in. We are a software development business that accelerates digital change by bringing the right blend of people and technology together to deliver successful software applications that make money, save money and solve problems.

## Tech.
### Tech that's made for you.

We build software applications, features and customer experiences that help increase revenue and drive growth. And we use technology to improve existing business processes, helping you save money and create efficiencies.

## Talent.
### Talent that's trusted.

Projects come and go. Whether you need a temporary talent boost or a long-term partnership, bring in the experts you need, when you need them.

## Together.
### Your agenda is our agenda.

We work in partnership with you to co-create software solutions that accelerate digital transformation with technology innovation, scalability and agility.

# Our values

Our values guide us. They underpin everything we do and how we act.

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## Curiosity

Our curiosity inspires the amazing. It's boundless. We ask lots of questions. We're open-minded. We love exploring new ideas. We aren't afraid of failure. We love to push the boundaries of what's possible.

## Passion

We're passionate about what we do and proud of what we achieve.
We love what we do. We never settle for second best. We're driven by our commitment to our craft and desire to make meaningful impact. We make the improbable, possible.

## Honesty

We act with honesty and truth, always. We do what we say we are going to do, when we say we will do it. We use good judgement and do the right thing. We always take ownership of our actions.

## Nurturing

We nurture our amazing people to be the best version of themselves. We foster an environment where our people and their ideas can thrive. We never stop learning. We constantly want to improve.

## Collaborate

We collaborate to bring our purpose to life. We really care about our customers and about each other. We bring together diverse perspectives and talents from our customers and our colleagues to co-create exceptional solutions.

# What we do

## We bring people and technology together to deliver successful software applications.

We understand that every business is different. Whether you rely on operational processes that exist only in your business or offer products and services with differentiating features that only you provide, we can work with you or for you to deliver custom software solutions unique to your business. What isn't unique is the challenges our customers face when it comes to delivering digital change.

Whether you're grappling with outdated systems, trying to take something to market quickly or have a shortage of skilled professionals to deliver on your digital initiatives, we'll work with you to create the right blend of people and technology together to deliver successful software applications.

### We build products

We build software products that differentiate your business, attract more customers, and increase revenue to drive growth.

- Business & enterprise applications
- Mobile applications
- Web applications
- Proof of concepts (POCs)
- Minimal viable products (MVPs)

### We build processes

We build software that optimises or automates your critical processes, creating efficiency and saving time and resources.

- Workflow automation
- HR & people processes
- Finance processes
- System integration
- Identity & access management

# We build products

## From concept to creation.

We build software products that differentiate your business, attract more customers, and increase revenue to drive growth.

## Create new features

Improve and expand the functionality of your products, providing users with enhanced features that cater to evolving needs.

## Bring new ideas to life

Develop unique software products that set your business apart, attracting customers and creating a distinct market presence.

## Create new experiences

Create products that meet customer needs and deliver user experiences that foster loyalty.

## Grow your revenue

Use custom software to create new revenue streams, contributing to overall business growth and sustainability.

## Enhance scalability & flexibility

Adapt to changing demands with products designed for scalability and adaptability, enabling your solutions to grow seamlessly alongside your business.

# We build processes

## Streamlining operations. Empowering efficiency.

We build software that optimises or automates your critical processes, creating efficiency and saving time and resources.

### Increase efficiency

Leverage custom software to streamline and optimise your business processes, leading to increased operational efficiency.
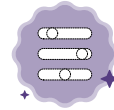
### Automate existing processes

Automate tasks, minimise manual efforts, reduce errors, and enhance overall workflow efficiency.
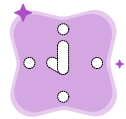
### Improve compliance

Adhere to industry regulations and compliance standards, mitigating risks associated with non-compliance and safeguard sensitive information and maintaining data integrity.

### Modernise & future-proof

Replace outdated processes or legacy software with modern, custom solutions to enhance system performance and future-proof against evolving industry standards.

### Save time & money

Create more efficient processes that lead to cost and time savings through reduced labour costs, minimised errors, and optimised resource allocation.

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# How we do it

## We bring people and technology together, fast.

Whether you need to scale your software delivery team quickly or are struggling to find the right skills and expertise for your specific project requirements, our flexible and agile engagement models ensure we bring the right blend of people and technology together to deliver successful software applications.

### Software delivery
## Build as a service

Bring your ideas to life, quickly. From concept to completion, our software delivery team will craft your solution using Agile methodologies to ensure rapid iterations, continuous collaboration, and a responsive approach that adapts to your evolving needs.

- Discovery & scoping
- Architecture
- UX/UI Design
- Software engineering
- Maintenance & support

### Consultancy
## Embedded experts

Seamlessly integrate our experts into your existing team or full delivery teams into your business to accelerate your project delivery capabilities. Our software development experts cover the entire software development lifecycle and are experienced in a wide range of programming languages and frameworks.

Product owners & programme managers
- Frontend & backend software engineers
- Software, QA & UAT testers
- Business analysts
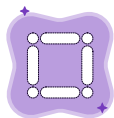- Team & technical leads

# Build as a service

## Bring your ideas to life, quickly.

From concept to completion, our software delivery team will craft your solution using Agile methodologies to ensure rapid iterations, continuous collaboration, and a responsive approach that adapts to your evolving needs.

### Faster time-to-market

Bring your ideas to life quickly with a speed-to-market advantage that ensures that your solutions stay competitive.

### Cost efficient scalability

Scale your development capacity without the need for extensive in-house resources.

### End-to-end delivery

From discovery and scoping through to engineering and support, we look after the entire software development lifecycle, ensuring coordination, accountability, and successful project delivery.

### Access specialised skills

Get access to a broader range of specialised skills that may not be readily available in your business.

### Delivery on time & on budget

We're experienced in navigating potential challenges, ensuring that your project remains on track and on time, within scope and budget, and meets quality standards.

# Embedded experts

## Scale your software development teams without committing to long-term hiring.

Seamlessly integrate our experts into your existing team or full delivery teams into your business to accelerate your project delivery capabilities. Our software development experts cover the entire software development lifecycle and are experienced in a wide range of programming languages and frameworks.

**Reduce time & cost to hire**

Bring your ideas to life quickly with a speed-to-market advantage that ensures that your solutions stay competitive.
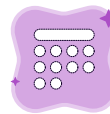
**Scalability & flexibility**

Scale your development capacity without the need for extensive in-house resources.

**Access specialised skills**

Tap into a diverse pool of specialised skills and expertise that may not be readily available in your business. Embedded experts bring unique perspectives and domain-specific knowledge, enriching your in-house team.

**Accelerate project delivery**

Accelerate project delivery capabilities by augmenting your team with experienced professionals. Embedded experts bring the necessary skills to meet tight deadlines, launch new applications, or add features to existing projects, ensuring timely completion.

**Knowledge transfer**

Facilitate knowledge transfer within your team. Embedded experts provide opportunities for skill enhancement among your in-house team, fostering a collaborative learning environment that benefits the entire team.

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# Leighton guarantee

Our commitment to our customers.

## 12
### weeks

—

**Software delivery**

### Build as a service

Turn your ideas into a reality with a proof of concept in just 12 weeks.

## 4
### weeks

—

**Consultancy**

### Embedded experts

Seamless integration, swift results with consultants embedded and contributing to your project within 4 weeks.

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# Our capabilities

Critical capabilities, covering the entire software development lifecycle.

| | | | |
|---|---|---|---|
| Application modernisation & replatforming | Cloud modernisation & replatforming | Agile delivery | Design systems & accessibility |
| Software, product & platform engineering | Quality engineering & assurance | Solution & serverless architecture | APIs & integration |
| UX / UI design | Business analysis | AWS services | Artificial intelligence (AI) & machine learning (ML) |

# Technologies

## Specialists in AWS, experienced in a wide range of programming languages and frameworks

We have extensive expertise across a wide range of programming languages and frameworks, enabling us to tackle projects throughout the entire software development lifecycle.  This includes:

- Web technologies, frameworks, and libraries
- Development languages (front-end, back-end, full-stack)
- Testing and quality assurance tools and methodologies
- Cloud infrastructure and platform expertise
- Database management systems, data storage, and reporting solutions
- Mobile app development across various platforms
- Advanced data analysis and reporting techniques
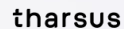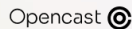- Continuous integration and continuous delivery (CI/CD) tools

We are specialists in AWS with Advanced Tier Partner status and recognized by AWS as Community Builder.  This signifies our in-depth knowledge and proven success in delivering solutions within the AWS ecosystem.

# Who we work with

**Experienced and agile. Trusted by some of the world's biggest brands.**

We are chosen by IT leaders from some of the World's largest brands to enable their own teams to deliver faster, consistently with increased quality.

Atom bank · avios · Beyond Housing · BRITISH AIRWAYS

BRITISH AIRWAYS Holidays · EQUANS · FOOTY.COM · geoteric

green bean by nrg · HC one The kind care company · IAG INTERNATIONAL AIRLINES GROUP · iam property

IKEA · MWW experts in fresh · NHS · NorthStandard

NWG living water · Opencast · tharsus · WorkCast

## 100
### NPS Score
### April 2024

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# Our people approach

## Our approach to growing and nurturing top talent

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### Nurturing top talent

Nurturing a team of agile, flexible top talent is a cornerstone of Leighton's strategy. We prioritise recruiting exceptional individuals who share our values and vision, ensuring unwavering dedication to exceeding customer expectations.

Our unique approach to Learning and Development combines classroom-based learning, unique work experiences and regular On:You events to provide training on essential skills.

### Colleague experience

Dedicated Colleague Experience Partners (CEPs) provide ongoing support and ensure colleague well-being, empowering them to consistently deliver exceptional outcomes for our clients. Our Colleague Engagement score has sat at 80%+ for the last 3 years, recognising the quality of the colleague experience we provide.

Community Leads connect colleagues with Leighton's vibrant communities of practice, fostering our renowned standards and supporting their ongoing professional development.

### Vigorous vetting

Leighton prioritises rigorous vetting processes. All colleagues undergo thorough background checks, with a minimum clearance level of BPSS.

Many team members hold or are eligible for SC clearance, demonstrating our commitment to the highest security standards

### Talent attraction

Our in-house Talent Attraction Team utilises a proven, comprehensive recruitment process, including technical assessments, competency-based interviews, and in-depth evaluations aligned with our core values. We maintain a meticulous skills register, ensuring each colleague is carefully matched to every new client opportunity.

This dedication to excellence has earned Leighton recognition as a Great Place to Work, and many of our colleagues join us based on recommendations from our established team.

# Our people approach

## Taking a Great Place to Work and making it amazing.

Our people approach has recently seen Leighton recognised as a Great Place to Work for Development and one of the UK's Best Workplaces.



We are also **Flexa Certified** and were recognised **34th** in the **Flexa100** ahead of Atom Bank, Mars, Centrica and Huel.

# Testing market viability with an MVP in 20 weeks

## iamproperty

Full case study available at:
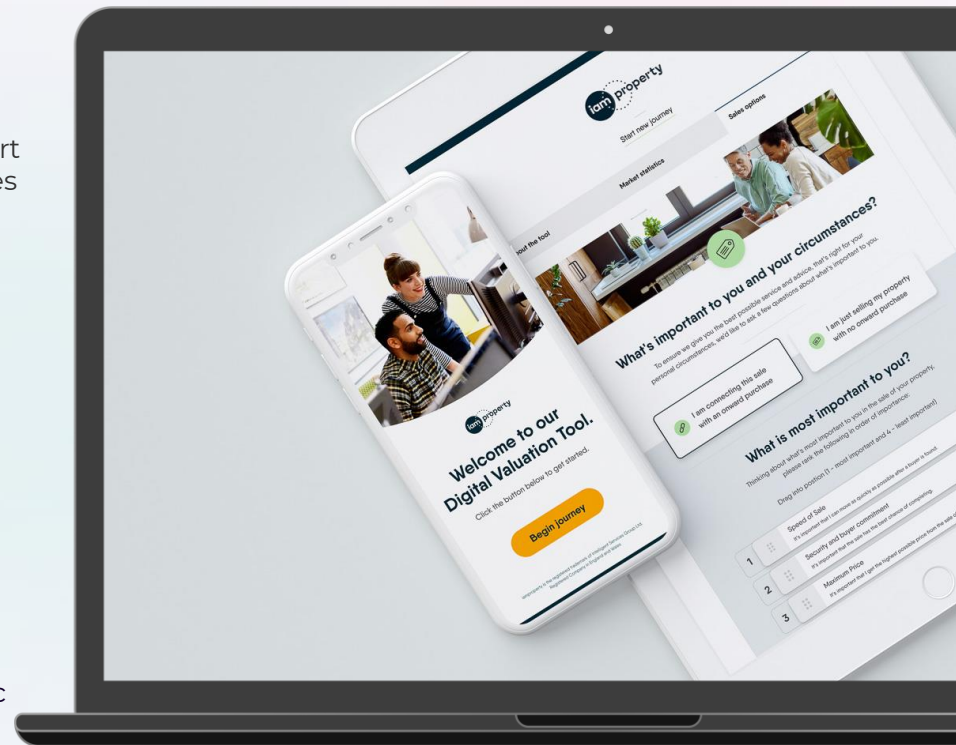https://www.leighton.com/case-studies/iamproperty

**Situation:** iamproperty needed a digital valuation tool to support best practice for compliant market appraisals and increase sales via modern method of auction.

**Solution:** Using Agile principles, we created a dual-use, multi-tenancy progressive web application (PWA) using cloud technology, enabling estate agents to operate their own customisable instance of the application.

**Impact:**

- **Time to market -** Reduced time to market from concept to MVP ready in 20 weeks.
- **Feature completion** - Delivered 100% of 'must have' and 75% of 'nice to have' features and functionalities within the MVP within 20 weeks.
- **Completely customisable -** 15 estate agents able to utilise configurable features to tailor the application to their specific needs and branding requirements.

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# Scaling SLAM portal invocations by over 1000%

## Equans

Full case study available at:
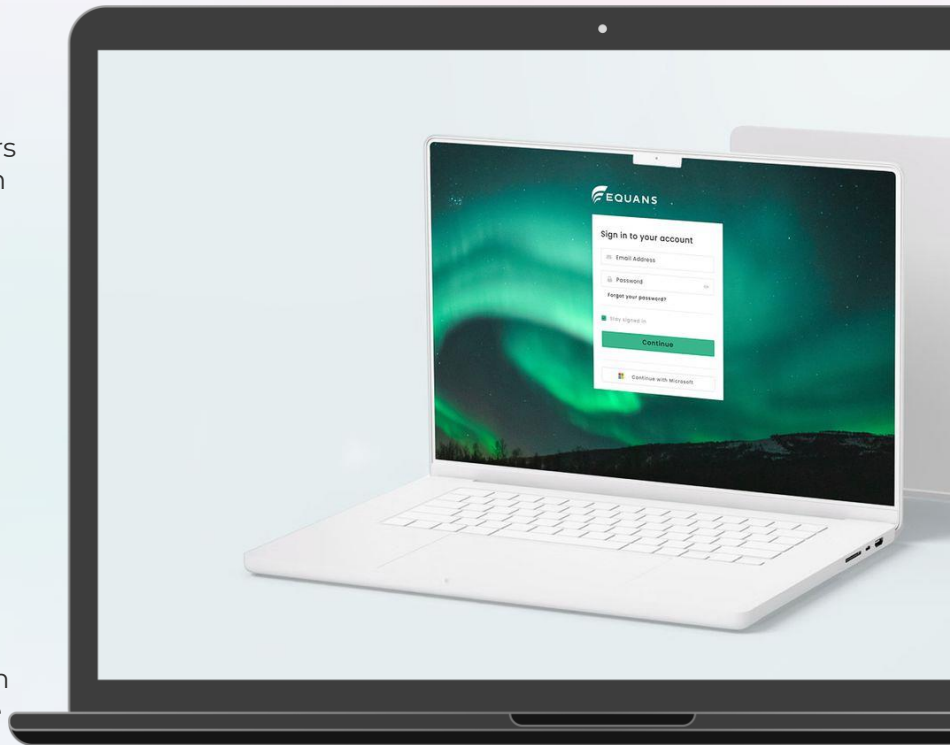https://www.leighton.com/case-studies/equans

**Situation:** EQUANS needed a portal to digitise its starters, leavers and amends (SLAM) process and replace it's SharePoint solution that was no longer suitable.

**Solution"** Using cloud technologies, we architected a scalable solution capable of supporting SLAM requests whilst also increasing accuracy for payroll, employee contracts and employee changes.

**Impact:**
- **Time to process reduction** - Reduced average processing time for HR tasks such as approvals, IT access changes and employee onboarding.
- **Cost optimisation** - Achieved an estimated 90% in cost savings through the utilisation of cloud technologies and a pay-as-you-go model.
- **Compliance adherence** - Demonstrated full compliance with GDPR regulations, with a reduction in associated compliance risks.

# Thank you

## We'd love to talk about your project

Please contact:-

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