Strategy • Delivery • Certainty

With 2i, your programme success is Assured

2i Testing supports CIOs, CTOs and Programme Directors in public and private sector organisations by de-risking software delivery projects and bringing certainty of execution to large digital programmes.

We provide Strategic Consultancy, QAT Services & Delivery and Test Automation & Engineering.

Let's Talk • www.2itesting.com

Strategy • Delivery • Certainty

Who we are

2i is an award winning, dynamic and flexible specialist in Quality Assurance and Testing (QAT).

Founded in 2005, we have kept our focus on testing, and this has enabled us to become one of the largest, independently owned Test Consultancy and Software Assurance firms operating across the UK. All our people are UK-based.

Straight talking, best in class, pure play, independent, and really easy to work with – we succeed when you do.

How we help you

- Certainty of programme delivery
- Committed to, and focused on, delivering effective business outcomes for you
- A lasting legacy - Delivery of a Knowledge Repository and team training to empower in-house teams to continue post project completion

Services

- Strategic Consultancy and Managed Test services – a complete QAT package
- Strategic Consultancy – to identify where delivery projects can be improved or turned around
- Teams of test and quality assurance professionals to deliver key projects
- Modern test automation frameworks and engineering teams to manage cost and increase quality

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Strategic Consultancy • AssureRMF™

2i's consultancy service identifies where delivery projects can be improved or turned around.

Based on our Risk Mitigation Framework , AssureRMF™, the 3-stage service is bespoke, collaborative and business outcomes centred.

2i Consultancy Service phases

1. **Risk Lab** - Baselines your test organisation to understand where you are now
2. **Strategy Hub** - Clarifies where you want to be, based on business deliverables
3. **Solution Roadmap -** Establishes how to get there, including quick wins, and short, medium, and long-term changes and objectives

An AssureRMF™ engagement can be delivered within 6 to 8-weeks dependent on the scale and complexity of the programme.
It can be used to deliver full project delivery audits to realign with expected outcomes.

You get a clear and concise view of what is working well, what is not delivering and the risks, impact analyses and options available to proceed with confidence and certainty of making a successful delivery.

QAT Services & Delivery • AssureTPF™

To deliver your project, our dedicated teams are deployed to provide you with the specific testing skills you need.

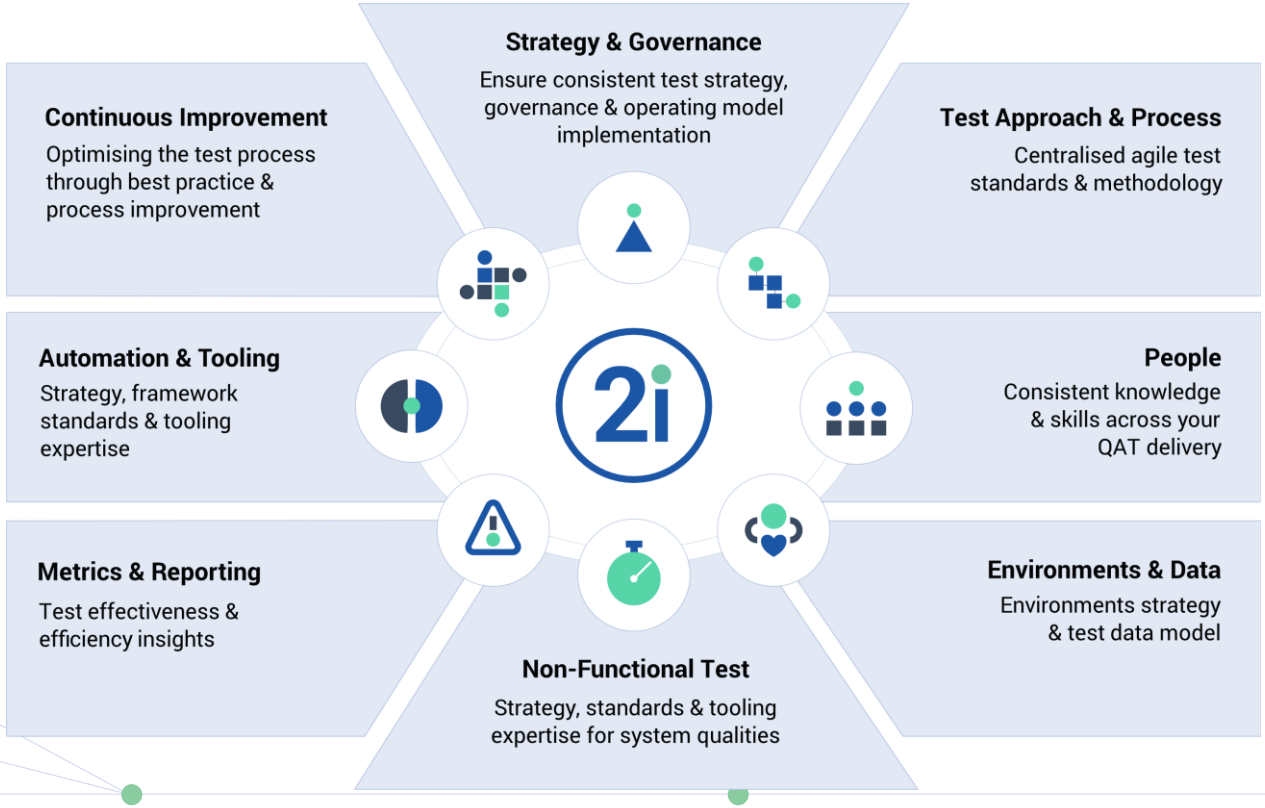
This covers a comprehensive range of testing, including manual, automation and non-functional.

For larger engagements, we design, implement, and maintain end-to-end QA & Test Strategies, embedding Agile principles and best practice from the outset.

Illustrated in the diagram below, the AssureTPF™ test practice framework provides governance, tracking, consistency and control even in the most complex of programmes. **We'd welcome the opportunity to talk you through it.**

2i Project Delivery Services

- Test Management & Governance to manage and drive overall test delivery
- Agile & DevOps testing to provide test expertise in modern delivery frameworks
- Test automation to drive efficient automated testing where appropriate
- Performance, Load & Stress testing to ensure applications perform as expected under lifelike conditions
- Accessibility testing to ensure that applications consider the diverse needs of all users



Test Automation & Engineering • AssureATF™

Always innovating to improve delivery time, cost, and precision, we introduce a revolutionary new tool, AssureATF™.

AssureATF™ generates automation test frameworks in minutes, enabling you to achieve the benefits of automation faster. AssureATF™ reduces the typical framework build time from an average of 10 weeks to less than 5 minutes, allowing teams to begin automating tests on day 1.

AssureATF™

Benefits of Test Automation

- Reduce lead time, improve execution time, reduce costs
- Boost accuracy
- Integrate to Deployment pipelines
- Get early and accurate error detection

2i Engineering

We have over 70 trained Software Test Engineers, and this skills base is growing every 8-10 weeks. This is the time we invest in each cohort we recruit to supplement their skills and provide them with the necessary learning and certification on the latest Test Practices and Tooling.

2i Test Automation Services

If you have scripts ready to go, we have test engineers ready to deliver. If your scripts aren't where they need to be, we can help to develop them and deploy AssureATF.

1. Review your Test Automation potential
2. Define a resilient and suitable Automation Strategy
3. Craft the perfect Automation architecture
4. Delivery of a high-performing, easily maintained framework

Why choose 2i

Delivery
2i has built a formidable reputation for delivering against promised outputs.

Testing Skills Gap
2i operates in a market that demands more talent than is available. 2i is able to provide the right skills for your project at the right time.

Specialists in Testing
Agile and DevOps has left people wondering where testing fits. 2i's clear speciality means organisations come to 2i for the answers.

Speed to Market
Testing is all about risk. Organisations need to understand the risks they run when releasing products that aren't fit for purpose.

People
2i's people-focused culture means staff are committed to 2i and you can have confidence in consistency of resource.

Social Value Commitment
Tackling economic inequality through charitable engagements, bootcamps and commitment to the Modern Apprenticeship scheme.

Reputation
2i wins more and more repeat business as well as new business through recommendations and as a result of increasing awareness and our renowned good reputation.

"2i Testing have brought their exceptional expertise in the testing arena and enabled the programme to deliver really high quality services under very challenging programme timelines. The 2i team have an incredible capability to maintain timelines while keeping quality really high. This is only achieved by a fantastic combination of professionalism, experience and commitment."

Lisa Baron-Broadhurst I Deputy Director I Social Security Directorate

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Case Studies

Case Study • Social Security Scotland

Scottish Government
Riaghaltas na h-Alba
gov.scot

Social Security Scotland was formed in 2018 to take on the largest and most ambitious programme since devolution by taking ownership for the payments of low-income and disability welfare benefits in Scotland, separating out the assessment and payment of these benefits from the Department of Work and Pensions (DWP).
Once fully operational, Social Security Scotland will administer a total of 17 benefits supporting 1.8 million people, equivalent to approximately £3.5 billion in payments every year.

Challenge

- **Incredibly complex** business and technical infrastructure
- **Large scale multi-vendor landscape**
- **Incredibly challenging timescales**, a timeframe that has never been met before
- **Enable certainty of delivery and consistency of quality outcomes** across distributed autonomous delivery teams

Solution

- Defined **Enterprise Test Strategy to effectively manage risk**
- Selected **Enterprise Tooling enabling visibility of quality position supporting informed decision making**
- Established **QAT Practice ensuring consistency of quality outcomes** and **driving continuous improvement initiatives** increasing test process efficiency
- Implemented **effective automation, shortening feedback loops** and **increasing velocity** of delivery workstreams

Outcomes

- All Social Security benefits **successfully delivered on time and to intended scope**
- **2i central to supporting efficient delivery** across all workstreams and delivery partners
- **2i testing service recognised as best in class** by Sogeti during an independent health check against the Test Process Improvement (TPI) Assessment Framework
- **2i awarded Best Test Automation Project – Non Functional at the European Software Testing Awards 2021**

"2i have worked collaboratively to ensure the successful launch of a number of new benefits. The positive and proactive working approach have seen improvement in the testing landscape with each benefit launched."

Matt Pickersgill,
Partner | iX Lead for Public Sector

[Social Security Scotland Case Study]

Case Study • abrdn A complex merger of savings and investments companies

A merger between Standard Life Investments (SLI) and Aberdeen Asset Management in 2017 created one of the largest investment management companies in Europe with over £486bn of assets.
The newly formed abrdn company embarked upon a major Integration Programme to merge Aberdeen Asset Management and SLI onto one integrated modern trading platform, data model, and single business operating model.

Challenge

- **Complex company merger**
- **Highly complex technical and business landscape**
- **Integrating two distinct heritages** and **two different delivery methodologies**

Solution

- **Provided recommendations for best-practice tactical and strategic changes** to current test capabilities to align the two heritage operating models
- **Defined the Test Strategy** for the Integration Programme
- Provided a **team of highly skilled test and domain specialists**
- **Managed all testing across the programme**
- **Planned, performed and executed functional and non-functional testing**

Outcomes

- **Successful merger** saw the movement of assets worth £464 billion onto a single platform over a 4 year period
- Abrdn completed its structural re-organisation with a **consistent approach to testing**
- **2i ensured the client understanding of quality and risk was maintained**
- **2i has been a strategic testing partner** to Standard Life Investments **since 2008** and **this relationship continues** with the new entity Abrdn

"As our strategic partner, 2i have contributed significantly to our agile continuous delivery journey, bringing innovation to our quality assurance approach. Their support in helping us transition to a centralised test function, building testing into our continuous delivery pipeline is a great example of the value and technical expertise they continue to deliver for us."

Scott MacKay, Global Chief Technology Officer, abrdn formerly Aberdeen Standard Investments

abrdn
Case Study

Case Study • GB Bank Test Strategy and Assurance for a Start-up Bank

The GB Bank is a start-up bank aiming, at the time 2i were engaged, to secure its banking license. The GB Bank is a complex multi-vendor landscape and the technology architecture is a combination of Cloud based SAAS solutions with a central integration layer hosted in AWS.

Challenge

- Requirement to meet attestation and audit requirements to **secure banking license**
- **Complex multi-vendor landscape**
- **Challenging timescales**
- Focus on **optimising costs to maximise value**
- **No in-house test expertise**

Solution

- Developed **Test Strategy to effectively manage risk**
- Implemented **governance and assurance model ensuring quality expectations met**
- **Coached business users** in testing
- **Implemented automation at key integration points**, enabling reliable repeatable tests which could be reused across environments
- Provided **test expertise and leadership** across **functional and non-functional testing**

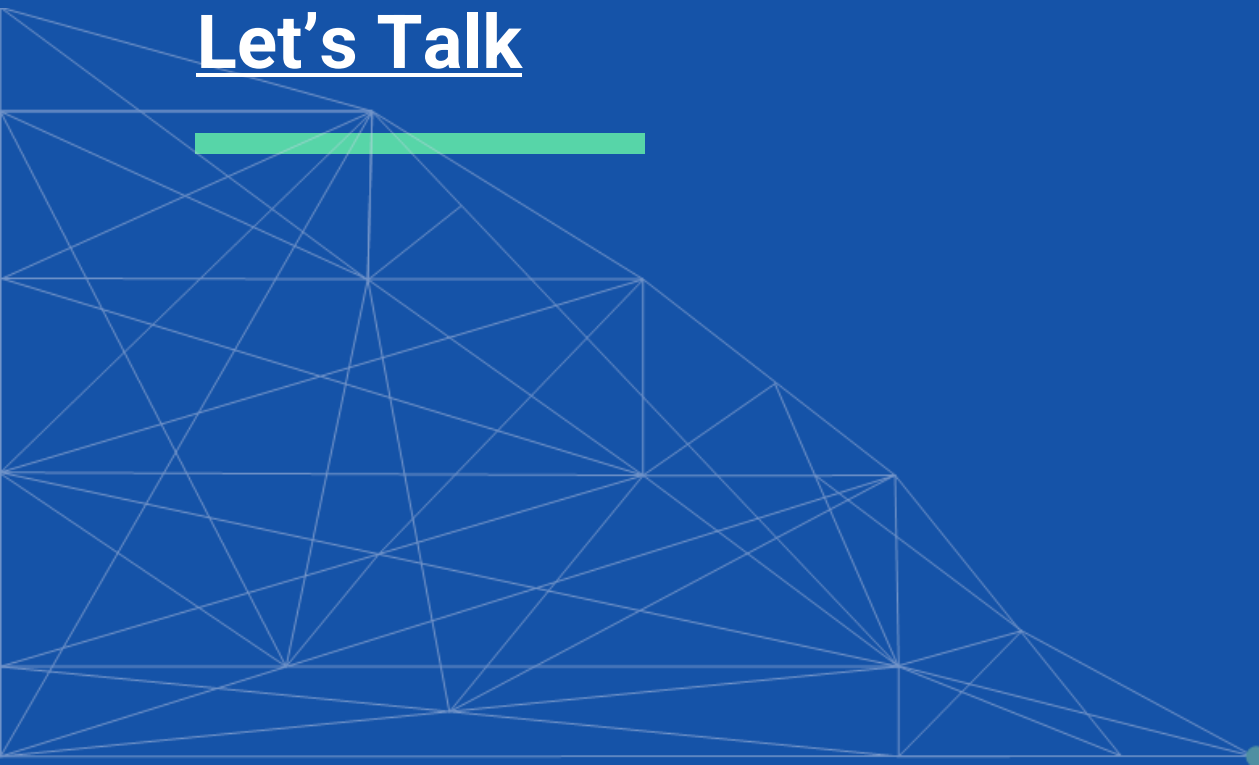
Outcomes

- GB Bank **successfully secured banking license**
- **2i was instrumental in ensuring** the necessary attestation and audit **requirements were met**
- **2i successfully led testing across business, technology and vendor teams**
- **2i identified and supported improvement opportunities ensuring benefit realisation** and effective implementation of the Test Strategy

"As a start-up bank aiming to secure our Banking Licence it was crucial that GBB had the correct test and assurance strategy in place to meet the attestation and audit requirements. Furthermore, delivery had to happen at high speed and with a complex multi supplier delivery model.
2i stepped in and moved at pace to implement a best practice test process to assure and test our critical applications and integrations, while also supporting the business to deliver User Acceptance and direct Load, Performance and Operational Acceptance Testing.
Thanks to 2i, GBB now has a robust QAT strategy and test processes, and our business teams have complete confidence in the quality of our solutions"

David Young, Chief Operating Officer, The GB Bank

Let’s Talk



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