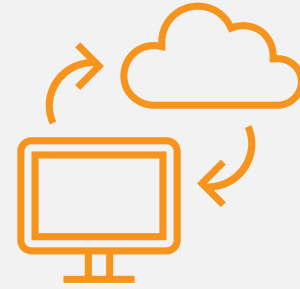


Global Test Automation - Agile

A global banking client was faced with needing to release software into a live trading application which was used by their sales and trading teams in 20 countries. The system needed to be up and live 24/5.5. Brickendon's experts successfully led a global agile programme to facilitate the testing of the client's ecommerce front-office application. Brickendon ensured the wide geographical spread of the application - across all 20 countries in APAC, Europe, US and Latin America – did not have down time nor negatively impact the quality of the software.



Digital & Technology

Strategy & Advisory

Client Challenges:

The client had many challenges across the live trading and project landscape. These included:

- The ecommerce website was in multiple languages across multiple locations.
- The teams in different regions had different requirements and priorities which need to be assessed and aligned.
- There was limited time windows for communication between teams in different regions compounding the software quality issues and the ability to unify the strategy.
- Significant capacity restraints as teams forced to complete development work and core Business as Usual enhancements in addition to the rollout of an automated test harness.
- Poor interaction and coordination between the development and test teams
- Project timelines threatened due to misaligned sprint releases.
- Business as Usual team not available for project work (including UAT, OAT and SIT) leading to delays in releasing critical software upgrades to the production system.



AI & Data

Brickendon Solution:

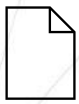
Brickendon implemented our own testing frameworks (TCPS and BEAPS) and facilitated the client moving over to Agile methodologies. The work included:

- Implemented Brickendon's own TCPS (Time Check Point Solution) to modularise testing and facilitate agile execution. TCPS is modularised set of test checkpoints which are used to perform an accurate test estimation and execution in a highly agile fashion. This enables BAs and developers, without testing expertise, to review the testing artefacts and ensure good quality test design.
- Introduced detailed acceptance criteria which was a prerequisite for any development meaning the dev team could start TDD (Test Driven Development) before handing to test team. The meant many bugs were solved by developers before entering formal testing.
- Built an end-to-end test pack to ensure quality integration of all development buckets
- Designed a unique agile test execution approach on BEAPs (Bucket Execution in Agile Projects) which enabled the project team to successfully combat the critical misaligned sprint issues & address issues associated with teams being spread around the globe
- Implemented clear entry and exit criteria methods and an efficient test coverage matrix methodology, simplifying the maintenance and ensuring thoroughness
- Implemented an efficient retrospective methodology to effectively utilise lessons learnt



Business Consulting

Digital & Technology



CASE STUDY

Client Benefits:

The benefits realised by the change implemented by the Brickendon team transformed the performance of the global team. These included:





- After eight years of budget over runs and missed development deadlines, the team within 12 weeks began delivering on time and budget which this was sustained for the 3 years Brickendon managed the programme.
- High quality of test design leading to shorter leads times for release of feature and bug fixes.
- Identification of critical issues early in the lifecycle, therefore avoiding costly delays later in the project
- The Development team had clear exit criteria meaning before handing to Testing Team. The results was the number of bugs the testing team found massively decreased and software into production was much faster and of higher quality.
- The issue of misaligned sprint releases was solved increasing the efficiency of the all teams involved
- Standardisation of the test process with wider test coverage, decreased test execution time and faster time to production system
- Efficient and effective interaction between the teams despite being geographical spread



Multi-award Winning Team



Why choose Brickendon?

-  **Our track record:** We have demonstrated a long, proven track record since 2010 of transforming our clients through our innovative bespoke solutions.
-  **Our innovative approach:** No one client is the same, therefore our intelligent, experienced and focused consultants use their industry experience to address each challenge in an innovative way.
-  **Our Resources:** Our in country, nearshore and offshore and nearshore capabilities mean we are well placed to cater for all our clients' needs, making the best use of our consultants' 10 years-plus domain experience.
-  **Our passion:** We love what we do and thrive on improving our clients' profitability, efficiency and increasing their competitive edge. We are driven see the tangible benefits at our clients.

To find out more about how Brickendon can transform your business, please do not hesitate to contact us.



info@brickendon.com



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