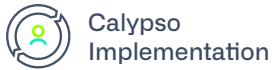# Calypso Test Automation
for LCH.

Calypso Implementation

First Derivative were engaged by LCH to assist with their test automation, rapidly managing the transition from the existing provider running the regression pack and upskilling their personnel in the CATT application.

RESULTS

Freeing

up resources. Team reduced from 25 to 4 people

Automated

regression pack covering all asset classes and functional areas

Overnight

execution of regression pack

Unified

with continuous integration processes

Increased

functional and regression coverage

We painlessly and rapidly transitioned LCH from the previous provider with **a smaller team.**

PROBLEM

Projects were continuing to be released into production every few weeks and there was no time for the management of a handover from the previous provider. In addition, all existing tooling became unavailable and test cases had not been documented for several years. The aim was to ensure there was sufficient coverage for all change work to continue, to manage the transition from the incumbent provider, design and implement a test pack that was better suited to LCH's needs and deliver a lower cost of service.

WHAT WE DID

First Derivative went onsite and identified the key reports and business processes and implemented a test pack that would ensure the critical business functions were thoroughly quality controlled. In parallel we started working through the test design to identify business requirements, document them and test cases before automating with the CATT application.

We rolled out in-house CATT training programme to our team and the LCH team, significantly increasing the number of people across the Calypso team that could contribute towards automation. Further sprints were used to improve and optimise the functional testing process across workstreams.

Our approach has enabled LCH to embark on a complex Calypso upgrade from V13 to V16 secure in the knowledge that automated testing is now in place to assist in and accelerate the project.

DELIVERABLES

Working together with LCH we ensured that the teams focus was on ensuring automation and minimising further investment in the regression pack by delivering:

/ A seamless transition from the previous service provider

/ Comprehensive test case documentation

/ In-house CATT training programme to all key internal personnel

/ Streamline regression pack

/ Project Management, Communications, and Implementation Documentations