

## Quinnox Helps Global Asset Management Firm Perform Critical Application Testing

**When the trading operation of a leading investment firm needed to perform testing for consolidation to Calypso, they relied on Quinnox.**

### Customer

This leading asset management firm provides solution-based diversified investment management services worldwide to institutional, high-net-worth and retail individuals.

### Challenge

Derivatives operations were being consolidated to the Calypso platform, however, extensive customization and other challenges made testing a top priority.

### Solution

Quinnox provided Application Testing services with an experienced Calypso team that helped the firm implement a five-step testing methodology process.

### Results

The firm realized reduced regression testing, decreased costs and significant time savings. They were also able to reduce test cycle time, and increase test capacity and throughput.

### Manual processes and customization bog down deployment

With a derivatives trading operation supported by 14 different applications in different technologies and platforms, with disparate methods for accessing the source data, this leading asset management firm was hitting speed bumps in their front-to-back deployment to Calypso.

Adding to the complexity were extensive customizations the firm had made to support their dynamic business needs. Due to these many customizations, as well as production releases that were made every other week, the process of consolidating to this new platform had become bogged down. In particular, the firm's quality assurance team (QA) was finding it extremely challenging to manually test and sign-off on new releases in this short period.

## Quinnox Application Testing helps firm consolidate to Calypso

To help move the Calypso platform consolidation forward for their trading operations, an Application Testing team from Quinnox was contracted. A custom and structured approach was defined for the QA team in a very dynamic environment. Together, they immediately implemented a proven Quinnox testing methodology that included five phases:

- ▶ Initiate
- ▶ Plan
- ▶ Design
- ▶ Execute
- ▶ Report

The approach leveraged Quinnox's Automated Regression testing framework (based on QTP) to automate regression testing of Calypso. An automated reporting tool was developed, which presented the technical defects in a very user-friendly business report format. In addition, the scope of the engagement encompassed automating 4,000 test cases, covering different asset classes and functions.

Regression testing (scripting and execution) was done using an efficient onsite-offshore model. A small footprint of resources was used onsite for interfacing with business users, whereas the majority of resources were offshore. This worked out to be roughly a 10-90 split between onsite to offshore resources. The larger offshore team was mainly charged with scripting and test execution. This model was designed to reduce regression test cycle duration through different time zones.

## Quinnox helps trading operations sail on Calypso

With such a crucial consolidation for a trading operation, this leading firm relied on Quinnox for mission-critical Application Testing. Some of the achievements from the Quinnox Application Testing service included:

- ▶ Reduction of the regression testing cycle—from 72 to 12 hours
- ▶ 94% test execution effort from offshore—significantly decreased cost for test cycle execution
- ▶ Reduction of new automation script development time—due to upfront development of a hybrid test automation framework

Despite the complexity and extensive customization involved, the five-phase Quinnox testing methodology helped this prestigious asset management firm achieve successful application and technology consolidation with Calypso. This has helped the firm move forward to a more streamlined and automated trading operation on this new and sophisticated platform.

### THE BOTTOM LINE BENEFITS

- ▶ **4,000 test cases automated**
- ▶ **Reduction of regression testing cycle from 72 to 12 hours**
- ▶ **94% test execution effort from offshore for significant cost reduction**
- ▶ **Expedited and stable consolidation to Calypso**