



# SimCorp Quality Assurance Testing

Dimensional Community enhanced testing efficiency for a US based Asset Owner.



## The Testing Challenge

An Asset Owner in the US faced significant challenges with their SimCorp One testing processes. Despite using the platform for several years, the organization struggled to effectively test, and ensure the quality of patches, upgrades and configuration changes. Their existing test scripts were outdated and covered only a small portion of their current operations, while test data no longer aligned with their configuration setup.

The consequences of these testing inefficiencies were severe. Promoting changes and upgrades often required over six months, resulting in extended delays for implementing new features. During these lengthy testing periods, the support team was unable to develop or configure new functionality, as they were fully engaged in testing activities. This created a continuous cycle of delays that hindered the organization's ability to leverage their SimCorp investment effectively.

## AT A GLANCE

### CLIENT

US Asset Owner

### AUM

\$95bn

### CHALLENGES

- Outdated test scripts
- Inefficient processes
- Prolonged testing timelines
- Limited coverage
- Resource constraints

### BENEFITS

- Accelerated testing
- Complete automation
- Comprehensive coverage
- Increased efficiency
- Enhanced quality

## A Comprehensive Testing Framework

Dimensional Community approached the challenge with a systematic methodology that addressed both immediate testing needs and long-term sustainability. Our approach began with a thorough review of existing test scripts, updating them to be more generic and flexible. We supplemented these revised scripts with Dimensional Community's standard test script library to accelerate testing and fill critical coverage gaps.

The core of our solution involved implementing automated testing processes across multiple environments. We established a testing environment (with changes) and a control environment (without changes), allowing for precise comparison. Our automated process imported test data into SimCorp, including mock adjustments typically made in the production environment, and overnight processing including calculations. We then exported the resulting data from both environments and reconciled the outputs to identify discrepancies.

Our testing process was structured around two complementary components:

**Functional testing** to evaluate new features and perform regression testing, covering over 500 functional requirements.

**Integration testing** to verify SimCorp's interaction with external systems and ensure data flow integrity.

## Precision Implementation Approach

Working closely with the client's team, we designed and implemented a comprehensive QA pipeline that introduced continuous testing methodologies. This approach enabled verification of configuration changes and new features more quickly and efficiently while maintaining rigorous quality standards.

The implementation leveraged Dimensional Community's proprietary accelerators to create an automated QA framework. These tools offered structured testing protocols yet remained flexible enough to accommodate the client's unique requirements and operational nuances. The framework included automated comparisons that not only identified discrepancies but also proposed potential causes, significantly reducing troubleshooting time.



## Boosting Efficiency and Quality

The implementation delivered transformative benefits across the organization's testing and implementation processes. Testing cycles that previously required six months were completed in just three weeks, an 80% reduction in time. The comprehensive automation achieved 100% coverage of critical processes, eliminating the risk of human error and ensuring consistent, repeatable testing.

Our extensive library of over 500 detailed test cases provided full coverage of business requirements, addressing areas that had previously been tested minimally or overlooked entirely.

The enhanced testing capabilities enabled the client to onboard new features in weeks rather than months, accelerating their ability to leverage SimCorp's evolving functionality. The organization could now confidently apply patches, something previously considered too risky due to testing limitations. When issues were identified, the automated framework proposed potential causes, making research and resolution significantly more efficient.

By partnering with Dimensional Community, the organization transformed their SimCorp testing from a bottleneck into a strategic advantage, enabling faster implementation of valuable features while maintaining system integrity and stability.

## About Dimensional Community

**Dimensional Community is a leading, global SimCorp consultancy, dedicated to helping organizations get the most out of their SimCorp platform.**

**We measure success by the value we create, not hours logged. Every consultant is accountable for business results that align with your goals.**

**Proven Track Record:** With over 2 decades of experience, we've built a large community of SimCorp professionals and supported more than 30 organizations worldwide.

**Quality:** We don't just send consultants; we send specialists with deep SimCorp expertise and real-world experience, both from vendor and client sides.

**Up-skill:** We leave your team stronger than we found it through training and mentoring, helping your internal teams become independent and successful.

**Faster Results:** Our tested tools and templates cut implementation time and improve quality, helping you reach value faster and more cost-effectively.