



# Automating Workflows and Implementing New Features

Re-engineering Operations of Derivatives in SimCorp

## Operational Challenges

When SimCorp was initially implemented at a large Canadian Pension Plan, numerous cumbersome workflows and processes were implemented but not well understood by end-users. The complexity of these processes created significant barriers to effective system utilization and hampered daily operations.

The organization faced serious operational challenges that affected both efficiency and staff morale., requiring business staff to be on call every night to resolve frequent overnight batch failures. These problems led to frequent delays in the nightly batch processing.

The situation was further complicated by a complete lack of documentation outlining workflows, SimCorp configuration details, and the rationale behind specific setup decisions.

## AT A GLANCE

### CLIENT

Canadian Pension Plan

### AUM

CAD \$165bn

### CHALLENGES

- Cumbersome workflows
- Daily batch breaks
- Frequent processing delays
- Lack of documentation

### BENEFITS

- 1000% overnight batch efficiency
- 25% reduced settlement costs
- 60% fewer settlement fails
- Streamlined operations



## Automation and Streamlining

Dimensional Community worked in partnership with the client to transform their derivatives operations through a multi-faceted approach:

### **Batch Processing Optimization**

Reduced overnight batch complexity and created cheat sheets to help solve issues during the night. The batch processes were streamlined and sequenced to finish before 5am, meeting the business goal.

### **Feature Implementation**

Implemented numerous new features and methodologies to increase revenue, including SWIFT for settlement of securities, cleared derivatives, and cash payments.

### **Configuration Refinement**

Critical configuration points were evaluated and improved to enhance the efficiency of downstream data consumption. Processing was moved to event-driven, automated workflows with detailed documentation.

### **Derivatives Management**

Simplified the derivatives setup, defined easy-to-follow processes, and automated labor-intensive manual tasks that had been challenging for end users to maintain.

## Precision Engineering

Our holistic approach combined technical expertise with practical operational improvements:

**Process Simplification.** Unnecessary complexity in workflows was identified and eliminated to create more intuitive user experience.

**Automation Strategy.** Developed targeted automation for high-volume, error-prone processes to reduce manual intervention.

**Documentation Excellence.** Created comprehensive documentation to support daily operations and provide clear guidance for resolving issues.

**Solution-Oriented Approach.** Focused on delivering tangible solutions to address specific operational pain points, particularly in derivatives processing.



## Efficiency Gains

The implementation delivered substantial operational improvements across multiple dimensions:

- **Enhanced Batch Processing:** Changes to the overnight batch flow reduced calls to business staff by a factor of 10 (1000%), dramatically improving efficiency and reducing after-hours burden.
- **Cost Reduction:** By optimizing, simplifying, and automating tasks in the Operations workflow, labor costs were reduced by 25%.
- **Settlement Improvement:** Automation using SWIFT for cleared derivatives reduced settlement failures by 60%, allowing staff to focus on supporting other business areas.

By partnering with Dimensional Community, the client transformed their derivatives operations from a problematic, labor-intensive process to a streamlined, efficient platform. This positions the organization for more efficient operations and growth opportunities through improved resource allocation.

## 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.

We understand the importance of being  
unified and driven to succeed collectively