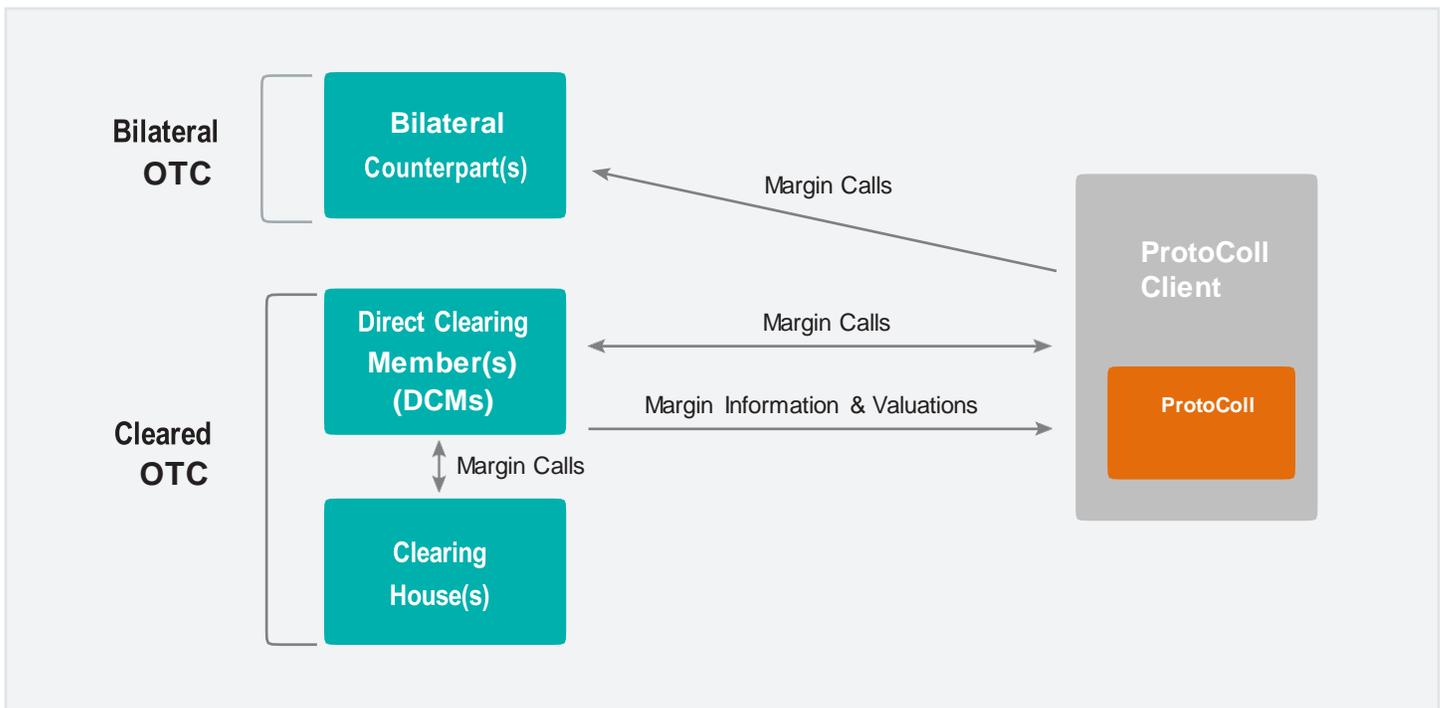


ProtoColl – Your Complete Collateral Management Solution

Manage Counterparty Risk Efficiently in an Evolving Regulatory Landscape

New regulations make effective collateral management for all participants in the derivatives markets vital. ProtoColl provides a comprehensive collateral management solution for the mixed clearing environment by automatically consuming the margin calls between a clearing broker and the derivatives investment manager and by providing a consolidated global view and workflow of all collateral management activity for centrally and bilaterally cleared OTC derivatives transactions.



With ProtoColl, you gain confidence by utilizing its flexible, robust collateral and margin management solution that automatically monitors the collateral and margin agreements across a broad spectrum of margining models and product coverage. The solution automatically calculates excess / deficit margin requirements for each active transaction, generates all necessary margin calls, and produces the associated notifications.

ProtoColl also handles the ensuing call negotiations, processes the mitigating collateral orders, and ultimately helps you track and optimize your collateral book – all via one powerful and intuitive platform.

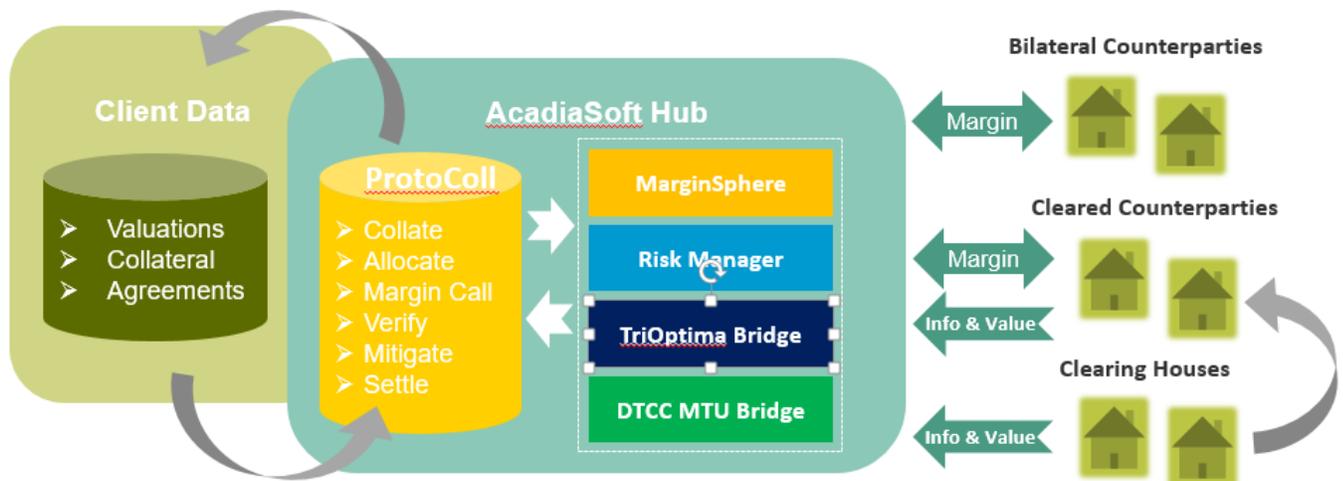
ProtoColl provides a centralized, scalable, exception-based workflow solution for enterprise-wide collateral management. Whatever the complexity of your collateral management activities: **local, national, or global**

ProtoColl offers full, multi-currency, cross-product, multi-branch support, covering the widest range of products and agreement types on a single platform.

ProtoColl – AcadiaSoft Hub

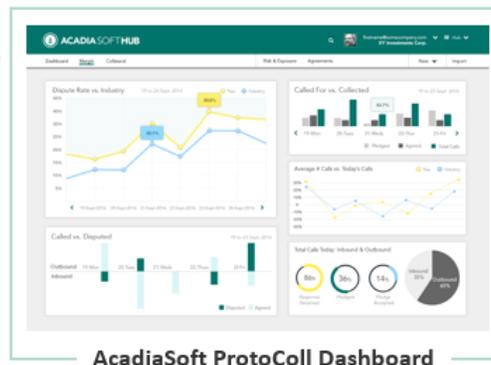
End to End Margin Processing

AcadiaSoft Hub is the industry's only straight through margin processing solution. Developed in collaboration with some of the industry's leading financial institutions, AcadiaSoft Hub is a one-stop solution for meeting the increased margin workload required for compliance with upcoming rules on margining non-cleared derivatives.



ProtoColl Benefits:

- Comprehensive solution to reduce cost and risk
- Consolidate collateral operations across all margin including OTC, Repos, TBA and Cleared
- Optimize collateral
- Maximize straight through processing
- Maintain full control and visibility



ProtoColl Capabilities:

- Industry leading straight through processing
- On hub or on premise deployment options
- Flexible and fault tolerant data management
- Agreement aware allocation
- Margin call calculation, evaluation and management
- Optimized risk mitigation
- Settlement integration

Increased global regulations such as Dodd-Frank and EMIR are causing far reaching changes to the global financial community. The over-the-counter derivatives market (OTC) is being challenged with the new requirement to centrally clear “standardized” derivatives products. Since not all derivative transactions will be centrally cleared, firms will have to effectively support a mixed clearing environment.

As part of the AcadiaSoft Hub, ProtoColl will allow firms to benefit from a solution that offers focus on core competencies and an enhanced risk management profile.