



FIS CLEARED DERIVATIVES SUITE

Manage the entire post-trade derivatives
life cycle with a single platform

THE CHALLENGES

Replace high costs, slow processes and unacceptable risk with the next generation of cleared derivatives technology

As a derivatives clearing professional, you know that the past 10 years haven't been easy. You've likely faced a host of operational challenges that have been compounded by aging legacy systems, the sluggishness of batch processing and all of the day-to-day headaches that come with running in-house operations. Try as you might, you're left with costly inefficiencies and too much risk for comfort.

FIS® Cleared Derivatives Suite

If you weren't wrestling every day with endless rounds of operational complications, just think what you could accomplish in terms of pursuing your strategic goals. That's where the FIS Cleared Derivatives Suite comes in. This advanced post-trade solution not only replaces earlier versions of our CD technologies, but also expands their functional coverage (i.e., Clearvision middle-office/trade clearing, GMI, and UBIX back-office/books and records manager).

Our next generation offering, which supports both middle and back-office functions across exchange-traded and OTC cleared derivatives, comprises three main parts:

- 1** core processing (middle and back-office functionality)
- 2** add-on modules that can be licensed individually and are dependent on the implementation of core processing
- 3** add-on components that can be licensed individually and implemented either as standalone or fully integrated with FIS Cleared Derivatives, heritage FIS Back Office (UBIX, GMI) or third-party systems.

Whatever your challenges and priorities, with our modular solutions and services and efficient implementation process, you benefit from ultra-fast time to value.

OPERATIONAL WORKFLOWS - INCREASING EFFICIENCY

A real-time, scalable and unified platform supports your challenges today and tomorrow. Benefit from:

- Real-time positions, margins and financial balances to provide an intra-day view of business
- Operational management driven by rules accessible by users, Robotic Process Automation (RPA)
- Transparent and configurable processing rules, providing greater adaptability to business changes
- Intuitive workflow-based process with guided resolution logic facilitating break management
- Straight-through processing from trade clearance to resulting position and financial balance updates. The status of all stages in the processing cycle can be easily viewed.

OPERATIONAL CONTROLS - MITIGATING RISK

- User friendly and granular audit trail to improve traceability of events and isolate break sources more easily
- Customizable operational dashboards that can be configured by users to monitor the activity and manage priorities
- Integration monitoring via a dedicated dashboard with the ability to control and interrogate inbound and outbound APIs
- Built-in KPIs encompassing technical and operational areas to support overall continuous improvements.



Technology evolution

The Cleared Derivatives Suite leverages a new technology stack including:

- Open-source client-facing technology leveraging a large pool of resources
- API-based system with standard external APIs providing easy data access extracted for downstream processing
- Event-driven architecture enabling native real-time processing
- Insert-only logic enabling optimum traceability and transparency
- Containerization of the deployment for easier and quicker releases
- Multi-node architecture with scaled storage and retrieval ensuring high performance and reliability.

The power of managed services

The cloud-enabled Cleared Derivatives Suite can be hosted within FIS data centers, leveraging state of the art infrastructure capability and managed services expertise. Benefit from several tools to further automate and streamline the maintenance of the platform including:

- A testing tool used by FIS to automate testing (including client specifics) for their Managed Services clients.
- Continuous integration, providing a rationalized system and the ability to adapt more quickly to uncertain or last minute regulatory requirements and improving overall time to market.
- A workflow based dedicated module can also be leveraged for data cleansing and data conversion, reducing the cost and the risk of migration.

BPaaS is smart

Contributing to the costly inefficiencies you need to put behind you are the labor-intensive complexities of in-house processing. Let us offer relief with the power of FIS Derivatives BPaaS, a multi-tenanted operating model that covers 70-80% of all common non-differentiating clearing operations, technology and support. On a modular basis, you can pick and choose from trade clearing, margining, funding and control, to brokerage, technology, infrastructure and change management. As a forward-looking, cloud-based solution, Derivatives BPaaS is provided by highly experienced, dedicated staff under a service level agreement (SLA) tailored to meet your needs.

INCREASE YOUR ADVANTAGE

CHALLENGE

Length of time taken to process trades and batches with different systems

Risk of disruption during upgrade process

Cost of upgrading technology stacks and lack of budget

Risk of transferring to new suppliers and internal processes to onboard them

ADVANTAGE

One unified middle and back-office system reduces IT and operational processing times

Mitigate risk with middle and back-office functions across exchange-traded and OTC cleared derivatives which can be deployed in a phased and modular approach

Modularization allows you to leverage FIS Cleared Derivatives technology for specific functional areas earlier

One trusted provider of post-trade derivatives solutions allows you to access cross-asset capabilities and scale to grow on one platform

ONE PLATFORM, ONE PARTNER, MODULAR PROCESSING

The FIS® Cleared Derivatives Suite is a strategic post-trade solution designed to support both middle- and back-office functions across exchange-traded and cleared OTC derivatives. Traditional core processing functionalities are extended and combined with add-on modules and components to offer you real-time data processing in one solution.

Whatever your challenges and priorities, with our modular solutions and services and ultra-efficient implementation process, you benefit from ultra-fast time to value.

FIS CLEARED DERIVATIVES - CORE PROCESSING

FIS Cleared Derivatives core processing consists of two modules.

	Post-trade & Pre-cleared Risk	Front-office Processing	Middle-office Processing	Back-office Processing
FIS CD TRADE CLEARING				
FIS CD BOOKS AND RECORD MANAGER				

FIS CLEARED DERIVATIVES - EMBEDDED MODULES

Can be licenced individually and are dependent on the implementation of core processing functionalities.

	Post-trade & Pre-cleared Risk	Front-office Processing	Middle-office Processing	Back-office Processing
FIS CD TRADE ALLOCATOR				
RISK AND LIMIT MONITORING				
FIS CD BROKERAGE MANAGER				

FIS CLEARED DERIVATIVES - STANDALONE COMPONENTS

Can be licensed individually and implemented standalone or fully integrated with FIS Heritage, FIS Cleared Derivatives or third-party post-trade systems.

	Post-trade & Pre-cleared Risk	Front-office Processing	Middle-office Processing	Back-office Processing
FIS CD RECONCILIATION MANAGER				
FIS CD COLLATERAL MANAGER				
FIS CD MARGIN ADVISOR				
FIS CD POSITION MANAGER				
TAX PROCESSING				

Lower TCO

Greater efficiency with over 15% increase in straight-through processing (STP) and 30% reduction in manual activities.

Reduced risk

New monitoring capabilities and integration with the wider FIS risk technology framework.

Increased efficiency

Stress-tested at over 10 million transactions on a single market and 15-20 times faster than heritage systems.

Faster response time

Successful processing of 3x to 10x volumes with no downtime.

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ADVANCING THE WAY THE WORLD PAYS, BANKS AND INVESTS™