

Geneva®

# Geneva For Credit and Derivative Instruments

## Improve accuracy and reduce risk in processing complex instruments

Sophisticated investors that employ credit and derivative instruments observe that these are among the most challenging investment types to account for. Reliance on accounting systems that are built for traditional portfolios, or worse, on spreadsheet-based processing, is not only inefficient, but it also runs a high risk of errors.

For firms of all sizes that trade and process derivative and credit instruments, Geneva is the portfolio management and accounting system of choice. With firms worldwide currently processing over \$7 trillion in assets on the system today, Geneva is the clear industry leader.

Geneva supports traditional fixed-income securities, bank loans, and swap agreements (such as IRS, TRS, CDS and CDX). Its robust accounting engine supports everything from transaction processing and settlement to accruals and income payments, as well as cash flow projections, valuations, amortization, and reporting.

Using Geneva reduces significant operational stress in accounting for debt and derivatives, freeing firms to focus on opportunities, strategies, and profitable decisions.

### Avoid Costly Errors and Drive Greater Efficiency

Geneva enables firms to systematically process bank debt, fixed-income instruments, and swap contracts without the use of offline spreadsheets, minimizing the risk of errors and increasing operational efficiency.

- Post activity globally or at the portfolio level, and have that information immediately reflected in all portfolios that hold that security
- Gain the ability to track all cash flows and reconcile those cash flows against counterparties
- Run daily, weekly, monthly, periodic, and year-to-date P&L reports at the facility, contract, and tax lot level

### Key Debt Processing Capabilities

#### Bank debt

Eliminate the need for multiple systems and processes to manage different types of loans. Geneva offers full support for:

- All loan types with both scheduled and ad-hoc payment in kind, including term loans, delay draw loans, revolvers, and loan total return swaps
- Par and distressed bank debt trades with full delayed compensation and cost of carry accruals
- Flexible payment schedules for underlying loan contracts, with full range of credit activity support and delinquent interest tracking and management
- Loan defaults, complex multi-security reorganizations, and amortization of loan discount

---

43 of the world's largest fund administrators rely on Advent Geneva.

The screenshot displays two main tables in the Geneva software interface. The top table, titled 'Asset Type', is a grid with columns for Investment ID, Investment Type Description, Investment Description, Traded Quantity, and Local Accrued. It lists various financial instruments such as MBS, CMO, Term Loan, and CDS, categorized by portfolio (AB, BD, CD) and issuer. The bottom table, titled 'Contracts', is a grid with columns for Currency, Local Quantity, Book Quantity, All-in-Rate, Base Rate, Spread, Issue Date, Next Payment, Maturity Date, Interest Due, Interest Received, Contract Currency, Contract Type, and Accrual Date. It provides detailed information for specific contracts, including interest rates and payment schedules.

The position workspace allows users to perform a wide range of loan administration functions directly within the position workspace.

What's more, Geneva streamlines accounting and mitigates the risk of manual errors, with:

- Fully automated bank loan data feeds via third party partners
- Simplified agent notice processing
- Process PDF Agent Bank Notices
- True multi-currency accounting
- Global entry of bank loan credit activity for ease of processing across multiple portfolios

Geneva is the comprehensive solution for bank debt processing, giving firms the flexibility to:

- Support payment-in-kind (PIK) contracts, including contracts that pay in both PIK and cash
- Amortize premium and discount amounts on the purchase of loan facilities
- Calculate and post unfunded accruals and letter-of-credit fees

- Fully support multicurrency facilities and those denominated in non-book currencies
- Accurately track delinquent interest
- Suspend interest and amortization accruals separately for distressed facilities

### Fixed Income Instrument Support

Geneva is the single, end-to-end solution for fixed-income processing, with full support for global and domestic corporate bonds, global government securities, domestic municipal bonds, step up bonds, callable bonds, sinking funds, Brazilian bonds, and ABS/MBS securities. Geneva allows you to:

- Scientifically amortize discount and premium securities, including OID securities, as well as allow for multiple methods (PSA & CPR) of prospective amortization for ABS/MBS securities
- Easily import a schedule of future cash flows for asset-backed securities

- Suspend interest and amortization accruals separately on securities in default, and to restart accruals independently if a security comes out of default
- Generate reports projecting future cash flows and receipts for user definable periods
- Run daily, comprehensive P&L reports showing all income received and all interest and amortization accruals at the tax lot level
- Track securities by FASB 157 level and report on pricing sources and frequencies
- Automate overnight cash sweeps and short term investment funds (STIF) accrual processing
- Run tax lot level reports showing income and amortization accruals, market values, yields to maturity, call, and put dates, as well as duration and convexity for each tax lot

Investment...	Trade Date	Settle Date	Tax Lot ID	Transaction ID	Transaction Type	Investment ID	Close %	Reset Price	Payment Date	Total Cash Flow	Financing Amount	Interest Amount	Currency	Underlying Inves...	
UBS-465101	EQSW	01/31/2018	02/02/2018	1912831	1912862	SwapReset	4502 JT CFD 1	0.00%	6,510.000	02/02/2018	36,304,163.92	-95,677.45	0.00	JPY	4502 JT Equity
	TRS	01/31/2018	01/31/2018	1913602	1914082	SwapReset	SSNC TL JPM TRS Swap	0.00%	92.113	01/31/2018	12,797.46	0.00	3,267.82	USD	78466DAZ7
	EQSW	02/28/2018	03/02/2018	1912831	1912863	SwapReset	4502 JT CFD 1	0.00%	6,218.000	03/02/2018	10,414,434.91	-159,177.09	0.00	JPY	4502 JT Equity
	TRS	02/28/2018	02/28/2018	1913602	1914083	SwapReset	SSNC TL JPM TRS Swap	0.00%	92.113	02/28/2018	3,036.80	-14,841.25	14,723.25	USD	78466DAZ7
MS-XYZ123	EQSW	01/11/2018	01/22/2018	1956081	1915867	Dividend	MS SHAK TRS Swap001	0.00%	44.415	01/22/2018	700.00	0.00	0.00	USD	SHAK
	EQSW	02/06/2018	02/08/2018	1956042	1956043	Sell	MS SHAK Bullet Swap001	42.150%	49.000	02/08/2018	16,815.53	0.00	0.00	USD	SHAK
	EQSW	02/06/2018	02/08/2018	1956081	1956487	SwapReset	MS SHAK TRS Swap001	0.00%	40.490	02/08/2018	9,297.74	-507.35	0.00	USD	SHAK
	EQSW	02/12/2018	02/12/2018	1957618	1957619	CoverShort	MS SHAK Bullet001	50.000%	35.000	02/12/2018	23,992.65	0.00	0.00	USD	SHAK
	EQSW	02/28/2018	02/28/2018	1958162	1962655	SwapReset	MS SSNC TRS001	0.00%	49.520	02/28/2018	-2,985.26	-105.26	0.00	USD	SSNC
GS-1854697	OID	02/20/2018	02/20/2018	1912291	1709573	Interest	USD OID Fixed 3.5% vs Floating U...	0.00%	0.000	02/20/2018	-839.49	-7,471.12	6,631.63	USD	USD OIS Fixed Le

  

Account...	Transaction Type	Financial Account	Strategy	Currency	Local Amount	Book Amount	Swap Investment ID	Recon Trans...	Trade Date	Settle Date	Actual Settle ...	Tax Lot ID	Activity Tra...	Activity Transa...	UL Investment
02/08/2018	Sell	InterestExpense	Tactic A	USD	-349.52	-349.52	MS SHAK Bullet Swap001	1956043	02/06/2018	02/08/2018	02/08/2018	1956042			
02/06/2018	Sell	ShortTermPriceGain...	Tactic A	USD	16,860.00	16,860.00	MS SHAK Bullet Swap001	1956043	02/06/2018	02/08/2018	02/08/2018	1956042			
02/06/2018	Sell	DividendWithdrawlin...	Tactic A	USD	-126.45	-126.45	MS SHAK Bullet Swap001	1956043	02/06/2018	02/08/2018	02/08/2018	1956042	1915867	Dividend	SHAK
02/06/2018	Sell	DividendReceipt	Tactic A	USD	421.50	421.50	MS SHAK Bullet Swap001	1956043	02/06/2018	02/08/2018	02/08/2018	1956042	1915867	Dividend	SHAK
02/06/2018	Sell	InterestReceipt	Tactic A	USD	10.00	10.00	MS SHAK Bullet Swap001	1956043	02/06/2018	02/08/2018	02/08/2018	1956042	1960365	SwapFinAdjRev	

The swap reconciliation workspace allows users to see cash flows at the counterparty level with drill through options and the ability to directly process adjustments.

### Swap Contracts

Geneva enables you to enter into and process complex swap transactions with confidence. With Geneva, you can:

- Enter single name agreements and basket swap contracts
- Easily enter and process interest rate swaps (IRS), credit default swaps (CDS), total return swaps (TRS) on bonds, bank loans, and equity positions
- Process credit events for CDX
- Re-rate swap financing terms and report on all daily accruals for swaps
- Leverage automated reset schedules with detailed reporting for reconciling cash flows
- Easily adjust swap financing
- Automate processing for all underlying corporate actions at a global level

### Geneva: Proven Technology for the Life of Your Firm

Geneva is a proven solution for asset managers, hedge funds, fund administrators, prime brokers, and mutual funds that require a high level of operational efficiency and easy access to real-time data. Geneva offers comprehensive instrument coverage, a full general ledger, and industry-standard integration tools that enable firms to manage complex investment vehicles, multiple investment strategies, and tiered fund structures. More than 350 firms worldwide, ranging from under \$100 million to over \$100 billion in assets, trust Geneva for their most complex accounting needs.

What's more, SS&C Advent is continually reinvesting in enhancements to keep our clients ahead of an ever-evolving global marketplace. With the option of deployment on premise or in the cloud, it's a flexible and highly scalable platform you'll never outgrow.

More than 350 firms worldwide, ranging from under \$100 million to over \$100 billion in assets, trust Geneva for their most complex accounting needs.

## ABOUT SS&C ADVENT

SS&C Advent helps over 4,300 investment firms in more than 50 countries—from established global institutions to small start-up practices—to grow their businesses, minimize risk, and thrive. We have been delivering unparalleled precision and ahead-of-the-curve solutions for more than 30 years, working together with our clients to help shape the future of investment management.

Find out how you can take advantage of our industry-leading solutions to support your business goals. To learn more about the right solutions and services for you, contact [info@sscinc.com](mailto:info@sscinc.com).

For more information contact your SS&C Advent representative or email [info@advent.com](mailto:info@advent.com).

©2022 SS&C Technologies Holdings, Inc.

This communication is provided by SS&C Advent for informational purposes only and should not be construed as or relied on in lieu of, and does not constitute, legal advice on any matter whatsoever discussed herein. SS&C Advent shall have no liability in connection with this communication or any reliance thereon.



[advent.com](http://advent.com) | [info@advent.com](mailto:info@advent.com)