

## STREAM PHASE3 MIDDLE OFFICE

*Providing a gateway for straight-through processing through the front, middle, and back office*

Brokers-dealers face numerous challenges in the middle and back office. For example, they need to provide superior service levels to their clients and be able to take on new clients quickly and easily. At the same time, they are looking to increase straight-through processing (STP) and improve scalability while lowering costs.

Firms can manage these challenges with Stream Phase3 Middle Office, a real-time, cross-asset solution that seamlessly connects with order management systems in the front office through to Stream Phase3 (formerly known as Phase3) in the back office for complete STP, from deal capture to allocation, confirmation and settlement.

For firms that are handling an increasing range of assets, Stream Phase3 Middle Office offers true cross-asset capabilities, including the ability to process equities, fixed income and foreign exchange for any currency on domestic and international markets. This supports the broker-dealer's capacity to take on new clients by making it easy to set up commission schedules, show charges on the confirm for non-dollar markets, quickly produce confirms according to each client's preference, and even handle each market's fees and taxes.

### **Deal capture**

Straight-through processing and the ability to centralize post-trade processing into a single view help firms streamline operations and improve client services. Stream Phase3 Middle Office integrates directly with many front-office systems, including SunGard's GL Stream and Brass, as well as Bloomberg, Fidessa and Ullink. It can be easily integrated with other in-house or third-party systems through open APIs and industry standard protocols.

Stream Phase3 Middle Office is designed to minimize the transaction throughput and back-office costs of handling Direct Market Access (DMA) trades. The solution creates the client orders from DMA trades, compresses the market executions and calculates the average price, which is then sent based on the client's confirmation. Alternatively, in markets such as Asia and Morocco, where client trades need to be formed from the market executions, Stream Phase3 Middle Office can pro-rate the market executions against multiple funds to achieve an average cost for each fund that is as accurate as possible.

### **Validation and enrichment**

Stream Phase3 Middle Office automatically captures trades from any front-office system and then enriches

them with charges. A number of standard charges, including SEC section 31 transaction fees, are built-in, and it is simple to set up new commissions, fees and taxes and then decide which clients, markets and brokers they apply to. Users can easily adjust these settings based on changes in their business.

Stream Phase3 Middle Office also supports flexible charge calculations across multiple markets and products. It can automatically calculate charges based on a broad set of criteria, including instrument, trade currency, company, book, capacity, trader, source and counterparty. Different charges can be applied to different events as well as multiple types of trades. Users can choose from banded or tiered charging and calculate charges as a function of other charges, such as VAT on commission. Stream Phase3 Middle Office also supports maximum and minimum values and configurable rounding mechanisms.

The solution also provides deep functionality within each asset class. For example, within fixed income, Stream Phase3 Middle Office offers a broad range of interest rules, the ability to configure interest rules for particular markets, and support for clean or dirty prices.

### **Confirmations**

Stream Phase3 Middle Office's confirmation process is real-time, helping to ensure that accurate data is quickly distributed to clients. Users can manage confirmations in a variety of ways, including by fax, e-mail, Microsoft Excel®, FIX, SWIFT and Omgeo OASYS. They can also create rules to determine confirmation preferences and formats for their clients and send, resend, copy and manage multiple confirmations, as well as preview them before release. Confirmations can be dispatched in any language, or customers can access special dual language confirms.

### **Allocation workflow**

Broker-dealers can process allocations from the fund manager and affirm them back in real-time.

Transactions are highlighted in color as they move from open to partially to fully allocated, making it easy to manage block trades from trade capture to full allocation.

Allocations that are received electronically are processed automatically for straight-through processing. Exceptions are routed to the correct user and screen so that they can be fixed, a process that employees can monitor through user-friendly dashboards. Stream Phase3 Middle Office also provides the option of handling allocation processing manually via Omgeo OASYS, a trade API or FIX 4.2.

### **KEY BENEFITS OF STREAM PHASE3 MIDDLE OFFICE:**

#### ***Supports straight through processing across the front, middle and back office***

Stream Phase3 Middle Office is integrated with off-the-shelf front-office systems for deal capture, with Omgeo OASYS for allocations, and with Stream Phase3 for post-trade processing. In addition, it supports trade compression for DMA activity.

#### ***Features flexible charge calculations***

Stream Phase3 Middle Office can be established across multiple markets, products, counterparties and provides standard calculations and charges. It makes it easy to establish new commission, fee or tax schedules.

#### ***Provides real-time confirmations***

Real-time confirmations can be sent via fax, email, Microsoft Excel®, SWIFT, FIX, or Omgeo OASYS and in any language or dual language. Users can establish rules based on client preferences.

#### ***Offers an allocation workflow***

Users can choose from manual or automated allocation processing via Omgeo OASYS, trade APIs or FIX 4.2. Stream Phase3 Middle Office can affirm in real-time and provides an exception workflow to manage block trades.

#### ***Helps ensure accuracy and mitigate risk***

Sophisticated, real-time edits help ensure accurate orders and contributes to risk mitigation.

### **NEED MORE INFORMATION?**

Contact your sales representative at +1-800-825-2518 or visit us at [www.sungard.com/streamphase3](http://www.sungard.com/streamphase3).