

# STP with Bloomberg TOMS

Straight Through Processing — Swiss SE

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# STP with TOMS

**SWXi** provides a secure and efficient transmission mechanism for the reporting of “off order book” trades to the Swiss Stock Exchange using the exchanges Reference Data Interface (RDI) and Standard Trading Interface (STI) FIX engine .

SWXi consists of several application modules that run on the customer’s choice of server.

1. **The Extractor Module** which will interrogate trade information as it arrives from Bloomberg TOMS and will apply the selection criteria as defined by the customer to ensure selection of required trades. This module will also lookup and insert any information required for reporting, but not present in the source data e.g. indicators from the local ‘Counterparty Table’. The module also interrogates the Traded Instruments received via the Reference Data Interface, which enables none reportable instruments to be ignored.
2. **The RDI Interface** which pulls the required static data from the exchange via the Reference Data Interface.
3. **The FIX formatter** which takes the raw input data and converts it to the required FIX specification.
4. **The STI FIX Interface** which enables the connection of the formatted data to the exchanges Standard Trading Interface, and seamlessly transmits and receives transactions via the exchange.

All data initial and reformatted is contained in a local SWXi database, which enables the user to identify trades and the actions taken on them.

## Major Functionality of SWXi

- ☑ **Real time operation** Transactions actioned as soon as received in database
- ☑ **Trade Information** can be taken from multiple sources and multiple locations.
- ☑ **Calendar** function that allows you to specify hours and days of transmission.
- ☑ **Comprehensive Custom Viewer** gives GUI client operation for transaction viewing and repair queue actions to the Swiss Stock Exchange.
- ☑ **Log** maintenance to provide audit trail facilities giving date & time stamp.
- ☑ **User defined parameters** to tune software to client’s own requirements.
- ☑ **Compatibility** enables **SWXi** to sit on the same server, if required, and to share the same Control Panel as all other Inforalgo interfacing software.
- ☑ **Versatility** with the ability to add further sources or additional locations at a later stage.
- ☑ **Cross Platform:** Customer choice of Windows, UNIX or LINUX servers.
- ☑ **SWX communication** refers security IDs to SWX, transmits trades to SWX, monitors trades on SWX for Trade ID and resolves and resubmits where necessary.

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