

Xkyte FIXBox



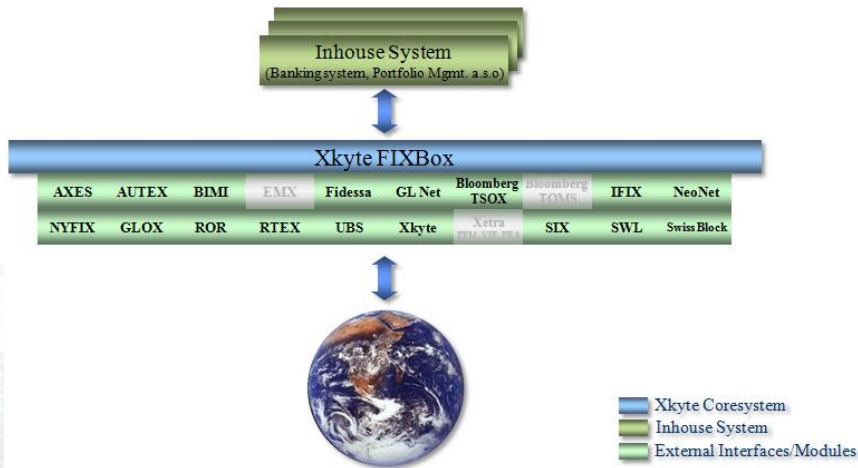
Portrait

In 1994 **OARIS** started with the development of qualitative high-standing software for the financial sector. Thanks to long lasting experience from the financial industry among our employees **OARIS** was from the beginning significantly involved in the Project “Elektronische Börse Schweiz (EBS)” – “Electronic Stock Market Switzerland” with implementations and connections in particular banks. In 1996 the first bank started with the **OARIS** Order Routing System (ORS) at the Swiss Stock Exchange SWX. Today a multiplicity of banks is using products from **OARIS**.

OARIS is offering software solutions for banks in the area of security transactions. The array of products goes from the simple parametrizable FIX Order Routing solution **Xkyte FIXBox**, over the high-performance trading system **Xkyte Trading**, the user-supported fund routing system **Xkyte Fund** to the flexible **Xkyte** Order Management System **Xkyte OMS**. The **OARIS** modular technique enables shortly implementation of customer-requested solutions.



With **Xkyte FIXBox** it is possible to realize a connection easily and quickly to a FIX network - either directly to a broker or a client – by means of FIX standard.



Xkyte FIXBox makes possible the connection of various FIX systems and versions. **Xkyte FIXBox** permits to respond to individual requirements of the FIX counterparties by simple parameterization.

Xkyte FIXBox is able to select single reports and to execute actions by means of a repository of functions. For that reason it is possible to comply with the counterparties' special requests at any time. The repository of functions can be extended individually and is open to all options.

The parameterization can be done with a graphical user interface. There is no programming required. Individual fields can be mapped as requested. The entire message flow can be adjusted individually.

Receive Message	From State	To State	Flow	Flow Description
PlacementReq	Initial	Pending New	1	Send New Order to Bloomberg
ExecutionReport ...	New	Partial filled	4	Receive a FIX ExecutionReport (partial or full) in state "InMarket". Send an ORS messages PlacementUpdate and Trade
ExecutionReport ...	New	Filled	4	Receive a FIX ExecutionReport (partial or full) in state "InMarket". Send an ORS messages PlacementUpdate and Trade
ExecutionReport ...	New	Cancelled	6	Receive a FIX ExecutionReport (Order canceled) in state "Pending Cancel". Send an ORS message PlacementDelete.
PlacementDefReq	New	Pending Cancel	5	Received a ORS message PlacementDefReq. Send FIX message OrderCancelRequest
ExecutionReport ...	Partial filled	Partial filled	4	Receive a FIX ExecutionReport (partial or full) in state "InMarket". Send an ORS messages PlacementUpdate and Trade
ExecutionReport ...	Partial filled	Filled	4	Receive a FIX ExecutionReport (partial or full) in state "InMarket". Send an ORS messages PlacementUpdate and Trade
ExecutionReport ...	Partial filled	Cancelled	6	Receive a FIX ExecutionReport (Order canceled) in state "Pending Cancel". Send an ORS message PlacementDelete.
PlacementDefReq	Partial filled	Pending Cancel	5	Received a ORS message PlacementDefReq. Send FIX message OrderCancelRequest
ExecutionReport ...	Filled	Filled	4	Receive a FIX ExecutionReport (partial or full) in state "InMarket". Send an ORS messages PlacementUpdate and Trade
OrderCancelReject	Pending Cancel	copied from msg	8	Receive a FIX Order Cancel Reject. Send CancelReject to ORS.
ExecutionReport ...	Pending Cancel	unchanged	9	Do nothing.
ExecutionReport ...	Pending Cancel	Cancelled	6	Receive a FIX ExecutionReport (Order canceled) in state "Pending Cancel". Send an ORS message PlacementDelete.
ExecutionReport ...	Pending New	unchanged	9	Do nothing.
ExecutionReport ...	Pending New	New	2	Receive a FIX ExecutionReport (new) in state "Pending insert". Send an ORS message Placement

Xkyte FIXBox allows the connection to multiple entry systems and target systems.

In order to control the message flow **Xkyte FIXBox** has an integrated rules engine allowing to create rules for controlling the message flow. All fields of a message can be used as criteria.

From	Step	To	Remarks
14	1	112	Map FIX message ExecutionReport full to Xkyte message Trade

Number	Group Number	Fix Tag	Orig Field Name	Function	Req Cat
1	0	37	anMarketOrderId	1	20
2	0	11	anTradeORSPla...	1	11
3	0	17	anMlTradeId	1	1
4	0	64	tsSettlementDate	1	0
5	0	32	ftTradeQuantity	1	11
6	0	31	ftTradePrice	1	11
7	0	151	ftRemainingQuan...	1	1
8	0	14	ftTradeQuantity	1	1
9	0	6	ftAveragePrice	1	1
10	0	60	tsTradeDateTme	1	1
11	0	12	ftCommissions	1	0
12	0	58	anFreeText	1	0
13	7	448	ruCounterpartyId	1	0