



QUALITY TRADING SOLUTIONS

# max

## ROUTING HUB

The Simple and Individual  
Connection to Various  
Market Participants

CHRISTOF ALBRECHT,  
HEAD OF OPERATIONS,  
BANQUE INTERNATIONALE  
À LUXEMBOURG  
(SUISSE) SA (UNTIL  
JANUARY 2024)

***,The MAX Routing Hub  
enables us to connect  
our banking system to  
various brokers efficiently  
and without major  
parameterization efforts.  
Outsourcing the operation  
of the individual broker  
connections relieves us in  
our day-to-day business  
and gives us the strategic  
flexibility we need.'***

## DIRECT ACCESS TO THE GLOBAL MARKET

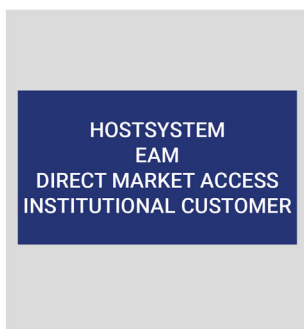
With the MAX Routing Hub, direct connections to brokers, market participants and buy-side customers e.g. via FIX or SWIFT can be implemented easily and quickly. The long, cumbersome and ultimately expensive reprogramming of the interface is a thing of the past.

The MAX Routing Hub allows the configuration of various connections and supports all protocol versions. Each buy/sell side connection is adapted to the needs of the customer and broker connection.

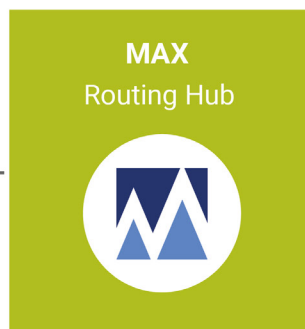
Regardless of how many endpoints are connected, the Routing Hub controls the information flows according to your specifications. Any number of clients connected to the Routing Hub can be connected to any number of trading destinations.

Furthermore, it is possible to configure drop-copies of the messages so that several clients receive them for processing. This applies to orders as well as executions.

### FINANCIAL INSTITUTION



### RULE ENGINE



MAX Broker Connect  
e.g. UBS, Vontobel

MAX Multi Broker Network  
e.g. Bloomberg

MAX Exchange Direct  
e.g. SIX Swiss Exchange

### EXAMPLE:

An external asset manager (EAM) sends the order. A copy goes to the internal banking system of the Routing Hub user.

On the way back, the same behavior can be configured with the execution: Copies can also be routed from the executions to the banking system.

## SAVE COSTS THROUGH AUTOMATION

### INTERFACES

- ✓ FIX
- ✓ FIX FAST
- ✓ IAMAS (TNP)
- ✓ IBM MQ Series
- ✓ ITCH
- ✓ OUCH
- ✓ SIX Direct Market
- ✓ Interfaces (QTI, OTI)
- ✓ SWIFT

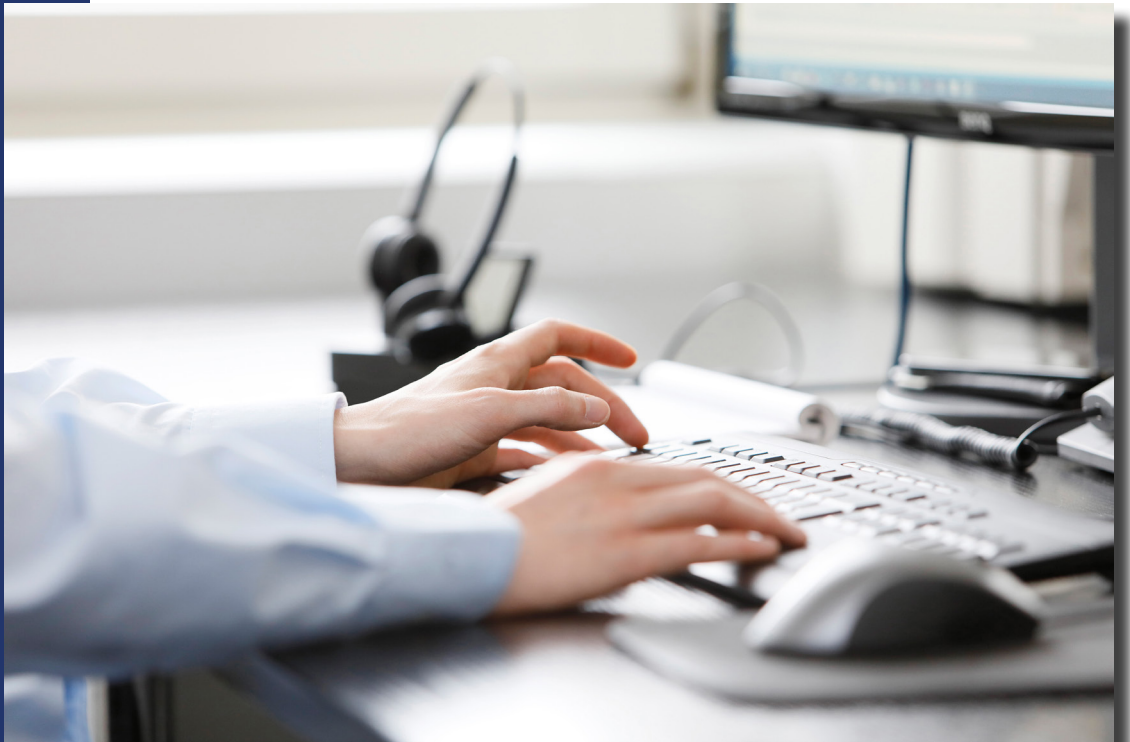
With the Routing Hub, an unlimited number of brokers, market participants and customers can be connected to your in-house system in a simple and standardised manner.

You determine the level of automation (up to 100%) yourself by means of simple rule definitions.

The MAX Routing Hub contains a standard parameterisation and the function catalog supports you in making adjustments based on your requirements. This allows you to easily perform actions based on the message content.

The handling via GUI is simple. Changes can be activated immediately - no programming is necessary. Individual fields can be mapped as desired.

Entire message flows can be customised. For customers with complex requirements, a separate script language is also available.



## MAX SERVICES

- ✓ Exchange Direct
- ✓ Broker Connect
- ✓ Customer Connect
- ✓ Data Service
- ✓ Multi Broker Network
- ✓ Fund Trade
- ✓ FX Trading
- ✓ Digital Assets Trading
- ✓ Routing Hub
- ✓ ETD Trade
- ✓ Business Oriented Testing

## CHOOSE MORE MAX FUNCTIONALITIES

MAX has a modular structure. We will put together a product tailored to your needs. Of course, every MAX service includes our basic services, such as technical account management, support and personal assistance.

For more information, see our [MAX Trading System brochure](#) and our [website](#).

## ABOUT MACD

As specialist for electronic trading, MACD has been successfully developing products and services for financial institutions for more than 25 years.

The company is market leader in trading connectivity in Switzerland. More than 60 banks and exchanges across Europe trust in the comprehensive range of services in software development, project management, consulting, hosting and support.

Around 40 IT engineers, computer scientists and economists are working on innovative solutions at locations in England, Germany and Switzerland.

Since 2004 MACD has been a member of the [FIX Trading Community](#), where George Macdonald, CEO MACD has been involved in various roles, including director.

[www.macd.com](http://www.macd.com)



**GIANMARCO LO NIGRO,**  
SALES & ACCOUNT  
MANAGEMENT, MACD

Please feel free to  
contact us at any time!  
[sales@macd.com](mailto:sales@macd.com)  
T +41 43 343 30 00