



QUALITY TRADING SOLUTIONS

TRADING SYSTEM

Order Execution Management System (OEMS) for Electronic Trading

max

Exchange	Trading	CTS	TSS	Last Price	Last	BSize	Bid	Ask	Order	Quantity	...
XVTX	CHF	TRD	OPN	18:08:21	4'306.00	93'249	4'304.000	4'306.000	93'249	...	
XVTX	CHF	TRD	OPN	18:07:55	2'175.00	537	2'173.000	2'175.000	537	...	
XVTX	CHF	TRD		18:08:25	5'060.00	1'008	5'040.000	5'060.000	1'008	...	
XVTX	CHF	TRD	OPN	18:07:17	2'043.00	1'252	2'024.000	2'043.000	1'252	...	
XVTX	CHF	TRD	OPN	18:08:29	998.50	2'417	998.500	1'000.000	2'417	...	
XVTX	CHF	TRD	OPN	18:07:53	66.15	1'224	66.000	66.150	1'224	...	
XVTX	CHF	TRD	OPN	18:08:00	91.80	23'330	91.800	91.850	23'330	...	
XVTX	CHF	TRD	OPN	18:05:55	10.03	2'019	10.000	10.030	2'019	...	
XVTX	CHF	TRD	OPN	18:07:50	52.85	1'732	52.850	53.100	1'732	...	

KURT MEISTER,
COO MACD:

'The successor product to our longstanding XKYTE and GLOX systems includes, in addition to the existing tried and trusted functions, new optional services and functionalities such as the routing of derivatives and FX transactions.'

MAX - MORE THAN A SOFTWARE

MAX is a modular, scalable and flexible Order Execution Management System (OEMS) for electronic securities trading and easy connection to trading destinations worldwide.

But MAX is not only a powerful software - it includes the holistic approach of MACD, designed for a long-term partnership based on trust.

Besides the individual and comprehensive support for all customers, it is important for us to bring our customers together and to encourage the exchange of ideas and perspectives within the MACD network.

Benefit from our excellent network and many years of expertise - become a part of the MACD community.

OUR OFFER



MAX COMPLETE PACKAGE

Our software has a modular structure and can, therefore, be flexibly adapted to your needs.

We can easily connect you to the exchanges, brokers, MTFs and trading networks of your choice as well as to your core banking system. We support various interfaces, such as Avaloq and Finnova.

The big advantage: with just one connection and just one individually configurable front end, you can reach many different counterparties - compliance with all legal requirements is of course included.

MULTI-ASSET SYSTEM

- ✓ Order Execution Management System
- ✓ Configurable, rule-based Release Engine
- ✓ Order Monitor
- ✓ Pooling & Splitting
- ✓ Multiple Trading Types (e.g. Conditional Orders)
- ✓ Data Warehouse
- ✓ Manual Trade Booking
- ✓ Straight Through Processing

ASSET CLASSES

- ✓ Shares
- ✓ Bonds
- ✓ Derivatives
- ✓ ETDs
- ✓ Funds
- ✓ Structured products
- ✓ Foreign Exchange/FX

MAX SERVICES



TOMAS FORT,
HEAD OF SALES &
ACCOUNT
MANAGEMENT, MACD:

'Whether trading and execution desk, brokerage or fund and bond trading - from the variety of MAX functions our experienced experts will put together a product specially adapted to your needs.'

CHRISTOF ALBRECHT;
LEITER HANDEL
REICHMUTH & CO
PRIVATBANKIERS

„As always, the MACD team looked after us very well and responded to our wishes. We are very satisfied with the MAX trading system, which includes tried and trusted functionalities as well as future-oriented technical developments.“

RUNNING MAX

MAX can be implemented in two different ways:

INSOURCING - RUN AT CLIENT'S SITE

MAX can be run in the clients own data centre. In this solution the software is installed at the client's site. The client monitors the connection themselves or, alternatively, delegates this to MACD with remote access.

OUTSOURCING - HOSTING BY MACD

The ASP model (Application Service Provider) includes a connection to MAX which enables access to all markets available in the MAX network. This model is cost efficient because the IT footprint remains very small. MACD runs, maintains and monitors the systems and can react immediately. Our dual-site model with two data centres ensures very high reliability and availability of the system.

Using a hosted solution has a range of benefits:

- ✓ **MONITORING**
We have a fully automated alert and alarm system that ensures that we can pro-actively address problems as they occur.
- ✓ **HARDWARE**
We buy, maintain and replace hardware as part of the fixed price.
- ✓ **UPGRADES**
We perform necessary software and hardware updates to ensure that the systems remain up to date.
- ✓ **RESOURCES**
Save costs through shared resources with other customers. An example is market connectivity where we maintain the exchange connection and thereby reduce your infrastructure.
- ✓ **NETWORK EFFECT**
Our customers can benefit by establishing links to other customers in our trading network. For example, a bank may act as a broker to other customers for a specific asset class. Or an exchange might benefit from our customer base as potential new participants.
- ✓ **ENVIRONEMENT**
Through shared resources and modern virtualisation techniques, we are able to match the energy usage to the required performance. In this way the total energy use can be significantly reduced.

SERVICE AND SUPPORT

Our highly motivated and very well educated support and development team is experienced in helping you with issues.

Our ticket system ensures that all questions are documented and any problems are solved in a timely manner. Also feedback about improvements to our software or new features are documented and planned in for future releases.

Our team attends personally to your concerns. Not only on the first trading day but also for example for system changes or a migration we are happy to visit you personally to consult and ensure a smooth process. Of course we also visit you regularly to collect your feed-back and to ensure your satisfaction.





**TOMAS FORT,
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ABOUT MACD

As specialist for electronic trading, MACD has been successfully developing products and services for financial institutions for more than 20 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