

A man in a blue shirt is talking on a mobile phone. He is standing in front of classical columns, possibly in a financial or institutional setting. The image is partially obscured by a large blue graphic on the left side of the page.

**CLICK XT™**  
Marketplace solution



EFFICIENT SECURITIES TRANSACTIONS

# The world's most widespread marketplace solution

The CLICK XT™ marketplace solution from OMX

Deregulation, consolidation, harmonization, privatization, greater focus on individual investors and rapid technological development are just a few of the global forces that are driving change at marketplaces around the world, challenging their ability to adapt and compete. To stay ahead, marketplaces need trading system functionality that immediately satisfies ever-changing market requirements. In particular, they must be able to react quickly to new competitive threats and member needs while providing traders with high levels of performance and availability. This is where CLICK XT comes in.

## **SETTING THE STANDARD**

CLICK XT is the first fully integrated electronic trading system in the world to support all trading from traditional securities, derivatives, commodities and electricity contracts to cross-border trades, supporting multiple markets simultaneously on a single platform. Used by more exchanges than any other marketplace system in the world today, CLICK XT powers over 20 exchanges in North America, Europe and Asia.

CLICK XT supports diverse market needs such as liquidity maximization, transparency and performance while providing the flexibility to accommodate marketplace specific products and conditions. By offering a marketplace solution together with world-class connectivity, CLICK XT creates a comprehensive trading environment.

## **NEW MARKET HORIZONS**

Supporting multiple markets on a single platform gives customers the freedom to pursue strategic alliances or forge new market areas without investing in a new trading platform. Other benefits of running multiple markets in one system include:

- Lower operational costs
- Less hardware required
- Easier for Independent Software Vendors (ISVs) to program against one common API
- One common trading application for members
- More simplified cross-market trading, for example, strategies using both equity and derivative instruments
- Centralized administration and common definitions for members and instruments
- Reduced bandwidth requirements since underlying information is only distributed once
- Elimination of unnecessary testing



## **GLOBAL CONNECTIVITY**

CLICK XT offers a comprehensive range of connectivity options for market participants:

- Members gain easy access through OMX open API
- More than 30 leading ISVs are compliant with OMX open API
- Marketplaces can be linked easily – OMX enabled the world's first electronically linked exchanges
- Clearing, settlement and central securities depositories (CSDs) are connected through SECUR™ and EXIGO CSD™ systems or an external system
- CLICK XT provides connectivity to all leading price vendors

For more information on ISVs, visit [www.omxgroup.com](http://www.omxgroup.com).

## **THE CLICK XT TRADING APPLICATION – OFFERING A WIDE RANGE OF OPPORTUNITIES**

Together with the CLICK XT marketplace solution, OMX offers the CLICK XT Trading Application (CLICK XT Trade), which covers the whole range of functionality provided by CLICK XT. In addition, it supports other trading requirements such as theoretical price calculations and charting functionality. Specific functions can be customized and the trading application can also be branded by the exchange itself. CLICK XT Trade gives the marketplace control over roll out and licensing of the software to members while providing instant access for new members.

## **LOWER OPERATIVE RISK**

CLICK XT has been designed with ease of installation and operation in mind and the state-of-the-art user interface offers marketplace officials superior flexibility. This means that marketplaces can achieve rapid response times to demands from the market.

## **HIGH CAPACITY AND SCALABILITY**

Full scalability ensures that CLICK XT can support any size market or operational requirements. The architectural design of CLICK XT enables marketplaces to add hardware when required for virtually unlimited performance.

### **CLICK XT fast facts**

- More than 350 of the world's leading financial institutions are connected to CLICK XT
- Enables over 40,000 trading hours a year
- Provides a market for more than 200,000 instruments
- On average, more than 70,000,000 quotes and orders are processed every day through CLICK XT

## **SUPERIOR PERFORMANCE AND RELIABILITY**

CLICK XT has proven that it can accommodate the most demanding global trading environments in the world while providing outstanding reliability.

## **QUICK TIME TO MARKET**

CLICK XT gives marketplaces immense flexibility. New instruments, trading rules and products can be introduced easily by modifying parameters via an intuitive user interface. This flexibility reduces time to market, which is vital in an increasingly competitive world, while eliminating costly software adaptations.

## **TRADE ANYWHERE, ANYTIME**

Marketplaces in different geographical locations increasingly compete with each other for business. To be successful, marketplaces must be able to offer 24-hour access to traders in different time zones. With CLICK XT, marketplaces gain the functionality to offer virtually 24x7 availability for worldwide real-time processing.

## **MATCHING ENGINE**

The CLICK XT matching engine supports an unparalleled range of trading methods. It maintains a central order book and performs synchronous processing of incoming orders. Tools for market control and member support are also included. CLICK XT creates a fair market with a flexible level of market transparency.

## **PRODUCT DESIGN (CDB)**

CLICK XT allows instruments, products, users and members to be added with ease. CLICK XT also provides unique flexibility in, for example, changing trading rules, disseminating information and calculating algorithms.

## **INFORMATION DISSEMINATION**

CLICK XT aggregates market information and disseminates it to users. Price information can also be fed from external sources, for example, other marketplaces. Innovative methods ensure efficient usage of bandwidth capacity.

## **CLEARING GATEWAY**

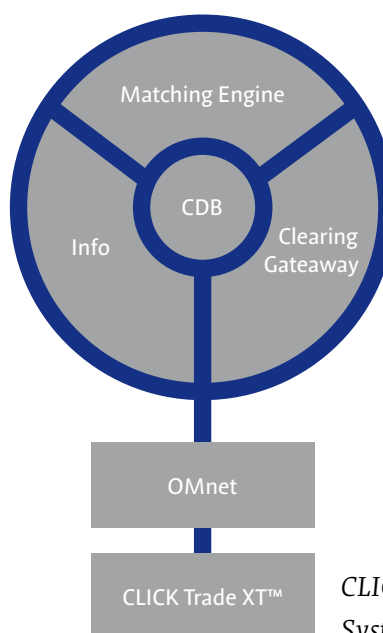
The Clearing Gateway provides a link between the marketplace and the clearing organization. Trade information is also distributed to marketplace members. CLICK XT is closely integrated with SECUR clearing system from OMX, but can easily be integrated with any other system.

## **OMNET**

OMnet connects all parts of the system, guaranteeing security in all aspects of every transaction. The application programmers' interface (API) provides a secure connection for members using CLICK XT. Other external systems, for example, price vendors and clearing organizations, can also connect to CLICK XT via OMX open API.

## **CLICK XT TRADE**

The CLICK XT marketplace solution includes a powerful trading application. Functionality ranges from order book management to market maker capabilities. The trading application connects to the open API. Other ISVs also provide complementary and specialized trader applications that connect to the open API.



*CLICK XT  
System architecture*

#### **CUSTOMER EXAMPLES**

- Australian Securities Exchange
- Borsa Italiana
- EDX London
- Hong Kong Exchanges and Clearing
- International Securities Exchange
- Nord Pool
- OMX Nordic Exchange
- Singapore Exchange
- Thailand Futures Exchange
- Wiener Börse

#### **CLICK XT TECHNICAL FACTS**

- Operating system (CPU): OpenVMS (Alpha and Itanium) and Windows (Intel)
- Database: Oracle
- Transaction infrastructure: RTR (HP Reliable Transaction Router)
- Application management by App-Mind from Appmind Software and BMC Patrol
- Supports multi-site configuration
- All business-critical servers can be mirrored

#### **CLICK XT FEATURES AT A GLANCE**

- Trading platform for all financial markets – equity, derivatives, fixed income, commodity and energy

- Multiple markets on a single platform
- Global connectivity
- Full scalability
- World leading performance without compromising availability
- Trading application supports whole range of functionality within CLICK XT
- Accommodates integrated order books supporting odd-lot, round-lot and retail order protection
- Handles full range of order types
- Accommodates flexible ranking rules such as normal price ranking, inverse price ranking and trader-type ranking
- Provides automatic market maker supervision
- Supports both standardized and tailor-made strategies
- Generates baits automatically, i.e. implicit orders based upon strategies
- Enables OTC trading, which can promote liquidity
- Includes full audit trail capabilities
- Provides the flexibility to define different trading sessions and conditions supporting opening and closing procedures and continuous trading

#### **OMX IS MORE THAN A TECHNOLOGY PROVIDER**

CLICK XT combines world leading functionality with dependable and proven technology. In addition, OMX established project methodology (OPM) means that CLICK XT can be successfully implemented on time and on budget.



**OMX** is a leading expert in the exchange industry. The OMX Nordic Exchange comprises over 800 companies including its alternative market First North. OMX provides technology to over 60 exchanges, clearing organizations and central securities depositories in over 50 countries. OMX is a Nordic Large Cap company in the Financials sector on the OMX Nordic Exchange. For more information, please visit [www.omxgroup.com](http://www.omxgroup.com)