

## ABN AMRO takes an integrated approach to arising FX Cash business challenges with LiquidityFX and MX.3 solutions



### Summary

Growing a FX business requires bespoke solutions that boost performance and reduce latency. To automate the full FX value chain, ABN AMRO relied on complementary tech from Murex and smartTrade. The successful simultaneous technology deployment powers ABN AMRO's FX Cash trading and operations.

**“Client, market and technology need to be integrated to maximize the value chain.”**

ABN AMRO Head of E-Trading  
Koen Huisman

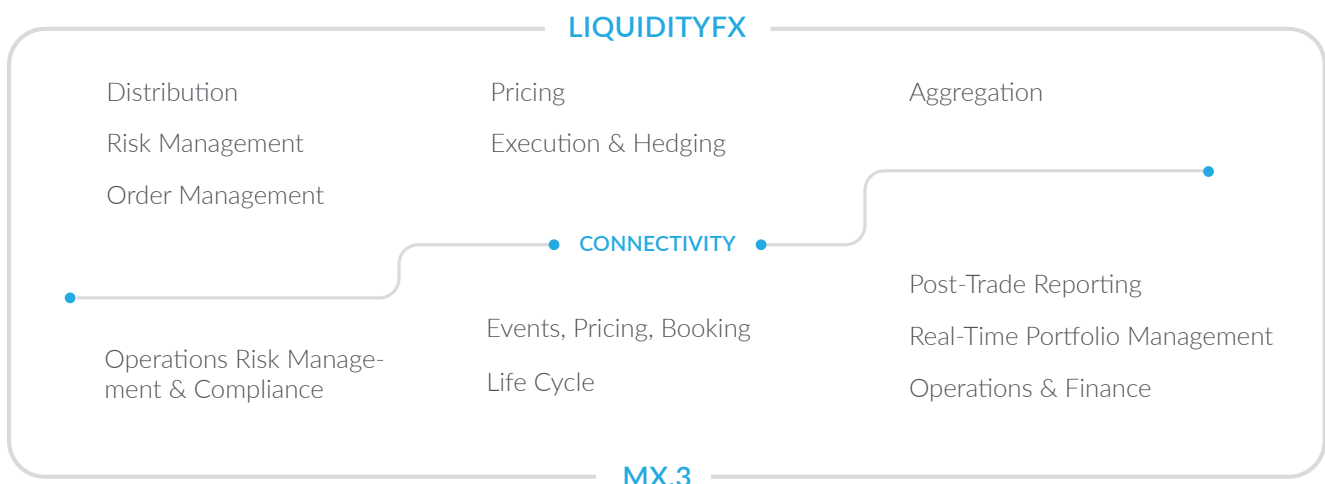
### Negotiating Forex challenges with agile tech

Orchestrating high performance and maximizing efficiency throughout the value chain—from pricing, execution and operations management to settlements and regulatory reporting—is key to ABN AMRO's FX Cash business. In the most liquid market in the world, capturing new clients demands sophisticated processes.

The ability to provide tight, automatic pricing, including credit and risk limits, as well as other X-Value Adjustments, is a serious challenge. Information is fragmented across a universe of different FX marketplaces and systems. Assessing a variety of analytics also requires combining data from different systems and customizing the right solutions. Dedicated APIs need to be leveraged.

ABN AMRO must remain competitive to a wide range of customers, from banks, institutions and large corporate entities managing high volumes and low-margin trades, to very different clients in the wealth, retail, and small- and medium-sized businesses.

Given these challenges, the FX business is a core ABN AMRO focus. The bank is growing a 40-person high-performance project center staffed by experts across a range of disciplines, including specialized quants, traders, operation managers, IT and business analysts to optimize FX business digitalization. And that process is powered by integrated tech from smartTrade and Murex.



“LiquidityFX and MX.3 are key complementary solutions on the FX value chain and ABN uses both solutions for its FX Business.”

ABN AMRO Global Markets -  
IT Lead Hans-Willem Giesen

## LiquidityFX and MX.3, complementary solutions from smartTrade and Murex, offer powerful benefits

### Automation, efficiency, synchronicity

- Automating the full FX business value chain and achieving increased volumes, automated quoting and an almost perfect STP rate
- Reducing latency and increasing market data throughput for a more accurate market picture prior to execution
- Synchronizing positions and centralizing all FX flows to have a complete view of the official positions, risk and P&L in real time

### Consistently high competitiveness

- Improving liquidity providers' relationships thanks to advanced hedging logic and less aggressive executions
- Synchronizing credit and settlement limits (using FIX gateways) contributing to more accurate client credit lines
- Providing front office with XVA and other cost indicators to price forwards and swaps
- Combining data from core systems using dedicated APIs for best-of-breed analytics and market impact analysis

### Investment in the right technology for FX business resilience and future innovation

- Resilience of FX Trading workflows and infrastructure is of paramount importance in disrupted markets, with peaks in FX Trading volumes to ensure orders are filled, and trades are completed and processed in these critical times
- Better integration across the full chain by synchronizing events, static and post-trade data (including settlement instructions) will also be a key differentiator in the future of the FX business



smartTrade Technologies, pioneer of multi-asset electronic trading solutions, provides agile end-to-end trading solutions supporting Foreign Exchange, Fixed Income, Equities, Derivatives, Cryptocurrencies and Money Markets. The solutions offer connectivity to over 130 liquidity providers, aggregation, smart order routing, order management, pricing, distribution, risk management and fully customizable HTML5 user interface. Learn more at [smart-trade.net](https://smart-trade.net).

For more than 30 years, Murex has been providing enterprise-wide, cross-asset financial technology solutions to capital markets players. Its cross-function platform, MX.3, supports trading, treasury, risk and post-trade operations, enabling clients to better meet regulatory requirements, manage enterprise-wide risk and control IT costs. With more than 55,000 daily users in 65+ countries, Murex has clients in many sectors, from banking and asset management to energy and commodities. Learn more at [murex.com](https://murex.com).

[smart-trade.net](https://smart-trade.net)  
[smart-business@smart-trade.net](mailto:smart-business@smart-trade.net)  
[@smartrade\\_tech](https://twitter.com/smartrade_tech)

EMEA  
+44 20 33 18 10 71

Americas  
+1 646 381 20 29

Asia Pacific  
+81 3 6863 5286

[murex.com](https://murex.com)  
[info@murex.com](mailto:info@murex.com)  
[@Murex\\_Group](https://twitter.com/Murex_Group)

EMEA  
Paris +33 1 4405 3200  
Beirut +961 1 356 000

Americas  
New York +1 212 381 4300

Asia Pacific  
Singapore +65 6216 02 88

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