

# MT4 to FIX API Bridge

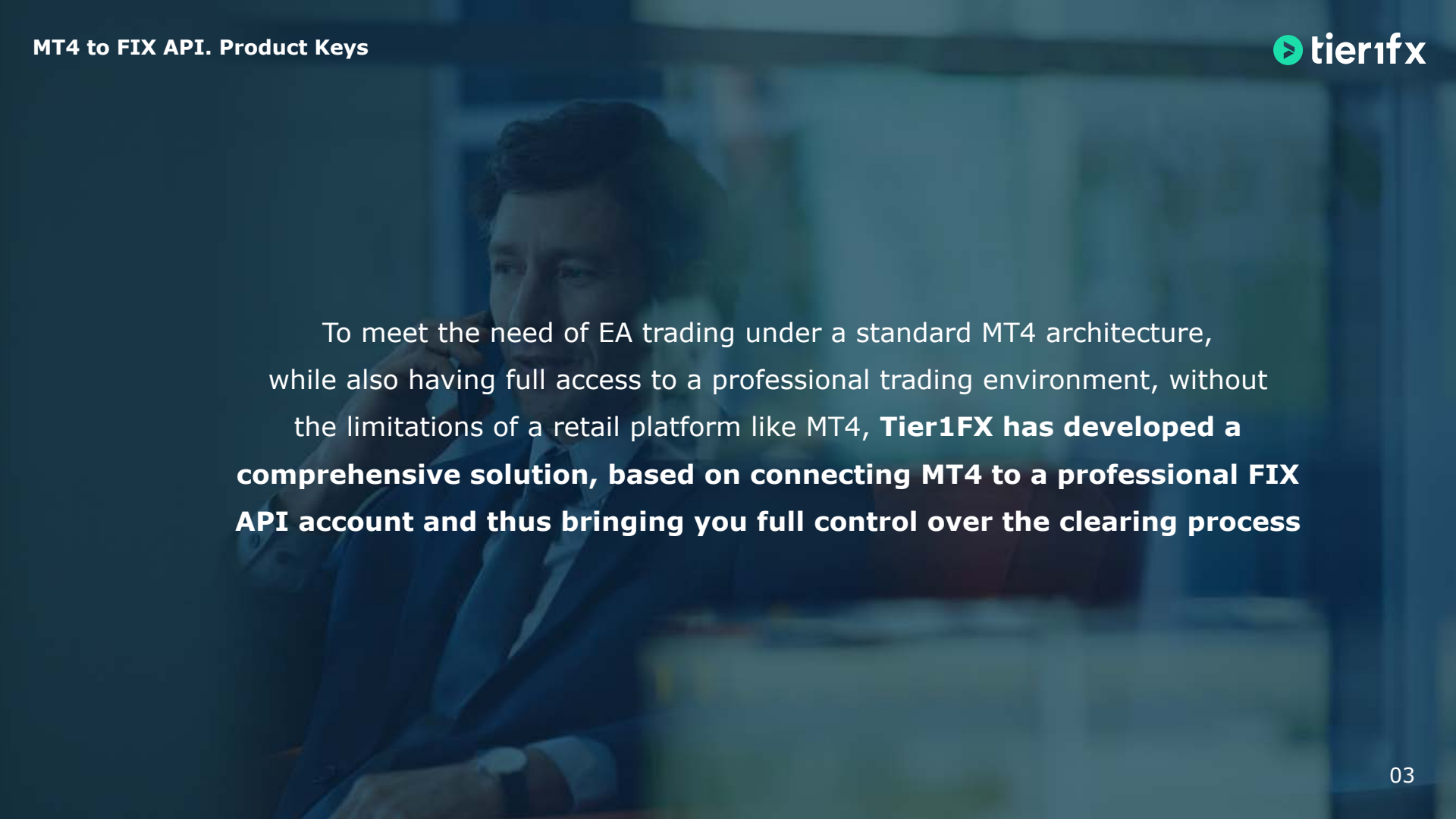
## Product Fact Sheet

10.2022



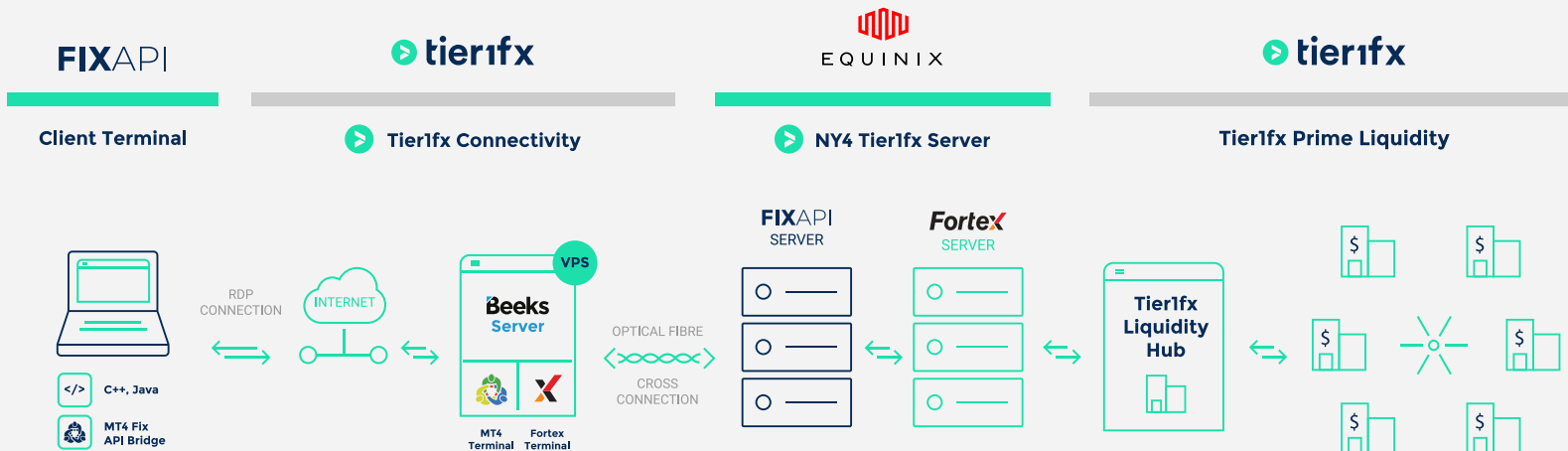
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To meet the need of EA trading under a standard MT4 architecture, while also having full access to a professional trading environment, without the limitations of a retail platform like MT4, **Tier1FX has developed a comprehensive solution, based on connecting MT4 to a professional FIX API account and thus bringing you full control over the clearing process**

# FIX API architecture

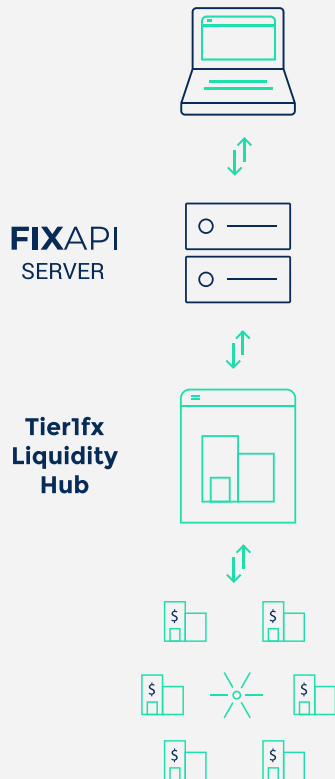


01

## MT4 to FIX API

**Execute MT4 EAs and passthrough trades via FIX API bridge to a FIX account**

- No need of EA re-coding.
- FIX API protocol low-latency execution.
- Access to a professional trading platform via Fortex 5 GUI.
- Access to comprehensive post-trade reporting.



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## MT4 to FIX API

### Trading Infrastructure

#### What you get:

- MT4 account where EAs are executed
- Fortex-5 FIX account
- Fortex Back-Office access

#### MT4 setup:

- MT4 is only used for running the EA
- No commission, fees or swaps are charged in MT4
- No execution happens in MT4

02

## Fix Account

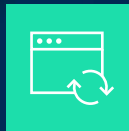
### FIX Account Setup

- FIX account with DMA access to Tier1FX liquidity pool
- Commission per million traded
- Position netting:  
Tier1FX omnibus account will net the positions by instrument without affecting MT4 hedging capabilities.

- Swap netting

Clients pay swaps based on the NET exposure of the FIX account.

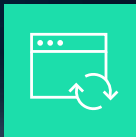
*i.e. if one MT4 account is 10 lots long EURUSD and 10 lots short EURUSD, the FIX Account will net the trades, so that net exposure is zero and no swaps are charged.*





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## Fix Account



### Account synchronization

Trades are cleared only through the FIX Account, that regulates:

- Commissions
- Swaps
- Margin Calculation
- Liquidation

Daily, after roll-over, a settlement position is automatically applied to MT4 to synchronize the FIX Account's equity with the MT4 account.



03 \_\_\_\_\_

## Fortex-5 GUI Professional



Full access to pre-trade – post-trade FIX  
Account monitoring



Order types:

- Limit, Market, Stop, Threshold
- Good-till-Cancelled, Immediate-or-Cancel, Fill-or-Kill



Access to Tier1FX liquidity pool with +20  
levels of market-depth

- VWAP price aggregation



Portfolio view by positions or NOP (Net-  
Open-Position)



04 \_\_\_\_\_

## Fortex Back-Office

Comprehensive back-office reporting. Detailed pre/post-trade reporting including:



Full transparency on all transactions



Daily/monthly P&L reports for the purpose of NAV calculation and other Fund Administrator's calculations



Swap rates list and calendar schedule of swaps and dividends to be applied to the FIX account



Daily settlement closing rates



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## Ultra-low latency connection

Tier1FX's fiber optic cross-connection to Beeks Financial Cloud allows institutional clients holding a VPS or a dedicated server in NY4 Beeks' facilities to reach Tier1FX execution servers within 0.2-0.3 milliseconds for an ultra-fast execution and to therefore hit the top-of-the-book first and get the best price possible

**Beeks**  
Financial Cloud



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## Enhanced Risk Control

**No currency exposure risk on hedged positions. Risk parameters can be set at FIX account level.**

- Maximum margin of the account
- Maximum exposure per symbol
- Maximum draw down
- Minimum equity
- Maximum number of positions

**Enhanced security - if MT4 is not reachable, trades can be executed via Fortex-5 GUI**



## Who is this product for?

- Clients trading with MQL EAs, looking to get a better and more professional control of their trading.
- Hedge Funds & CTAs using MT4 EAs
- Asset Managers looking to upgrade to FIX API

## Current limitations

- Does not work under MAMs architecture
- Only accounts +25,000 USD
- This product is not intended for Retail Clients in terms of MiFID II Client Categorization.

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CFDs are complex instruments and come with a high risk of losing money rapidly due to leverage. You should consider whether you understand how CFDs work and whether you can afford to take the high risk of losing your money. 75.96% of our retail investor accounts trading Contracts for Differences have lost money within the past twelve months.

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