

# Case Study: Single Dealer Platform Architecture and Implementation

Initiation, architecture and execution of a global programme to deliver a front-to-back trading system delivery.

## Challenges

- Requirement to deliver full E-Trading platform including a new Single Dealer Platform, ECN connectivity, FIX gateway, STP and supporting workflow.
- Target time to market for first release within one year (FX Spot, Swap, Forwards). Commodities and FI in subsequent phases.
- Target to improve speed of connecting to new API clients and trading gateways.
- Complex project management due to integration with existing infrastructure for market making, pricing and back-office – all with separate project roadmaps.
- Lack of electronic trading expertise within technology division.

## Response

- Designed target architecture with “Hybrid” approach utilising both vendor products and custom build, considering specific areas to differentiate offering and reduction in time to market.
- Leveraged vendor products for ECN connectivity and FIX gateway to accelerate connections and upgrades.
- Bench-tested, evidenced and selected vendor product for low latency messaging.
- Formed design-led “UX”, agile programme structure to deliver incremental value prioritised by business and customer feedback.
- Integrated monitoring product, with customisation, for real-time monitoring of infrastructure and application stack.
- Delivered first release within one year, winning two industry awards.

