

Fixed income order management system for a Tier-1 bank in Mexico

Vendor platform implementation from the bank's side, delivered remotely from Dubai

Client	Tier-1 bank in Mexico (name available on request)
Role	Hired directly by the bank as platform analyst (techno-functional consultant) for its vendor trading platform, reporting to the team lead
Duration	March 2025 to September 2026, 18 months, fully remote from Dubai on Mexico City hours (10-hour time difference)
Scope	Bonds trading OMS covering order placement, RFQ, execution and downstream booking, for primary and secondary markets
Users	Seven user groups, including bankers, traders, sales, product specialists, debt capital markets and governance
Tools	JIRA, Google Sheets, Word, draw.io

Background

The bank was building a fixed income OMS on a vendor platform for seven user groups. It needed someone on its own side who knew both the platform and the product: someone who could say what was possible, how it could be done and what it would take, before requirements went to the vendor team for build.

My role

I looked after the technical and functional implementation on the platform side and was the main bridge between the bank's technology team and the vendor team: checking the feasibility of each requirement, verifying the FSDs, preparing flow diagrams for both teams, leading the integration discussions, writing and tracking user stories in JIRA, and working one to one with bank team members on the platform flows.

What was delivered

- End-to-end order-to-booking flow for primary and secondary bonds, from requirement workshops to UAT support.
- Integrations specified and led: customer static data (file); security data from the bank's Calypso (file); customer and banker validation (API); downstream order booking (file and API); primary order regulatory reporting (file); inventory and price management (file); on-demand price fetch from Valmer (API). Plus the decision on Bloomberg connectivity.
- Requirement workshops with all seven user groups; user stories, change requests and production defects handled through one JIRA cycle.

Three problems, and the thinking behind each

1 Workflow redesign

The first flow the bank's technical team had prepared for the vendor had open end points and API triggers at many stages; at several points it was not clear what happened next, or how. I went through each point with the bank team to find the actual use case, then redrew the flow so that every end point had an answer and the business requirement was still covered; where the flow touched several systems, I proposed workarounds. The result was a flow both business and technical users could read, and the vendor team could build from.

2 Bloomberg pricing decision

The bank was planning to take each bond's price from Bloomberg, without a full picture of the contractual clauses, the infrastructure and what the feed could and could not support. From earlier implementations I set those points out, showed the impact on the timeline, and showed that the price data the bank needed was already available through the existing platform setup. The bank chose not to add Bloomberg for pricing, which saved cost, time and effort.

3 Security data gap

The platform's security data import has mandatory fields and validations. The bank's in-house source either lacked some of those fields or held them in a different format. I led this thread with the in-house system team over several sessions; we closed the gap with formula-based fields inside the platform, and configuration changes and new fields on the in-house side. Security data now flows into the platform correctly and has stayed stable.

Outcome. Phase 1 was built and taken through UAT with all integrations in place; go-live is scheduled for October 2026. Before this engagement: ten engagements as part of vendor delivery teams on the same platform, 2016 to 2025, across the Middle East and Asia. See the engagement matrix.