

OTC (Order-to-Cash) Portal Upgrade for Leading Publisher



HBG

Hachette Book Group (HBG) is a leading US trade publisher and a division of the third largest trade and educational book publisher in the world, Hachette Livre. A global publishing company based in France, Hachette Livre is a subsidiary of the French media company, Lagardère.

Business Problem

The client wanted a faster and intuitive UI for OTC portal's major screens and tabs.

- Modernizing the UI of client's OTC* (Order-to-cash) system
- Develop new business logics & move existing ones in the middle tier

* The Order-To-Cash (OTC) system provides an environment to perform capture, processing, maintenance, and other activities related to customer orders.

Trantor solution

Re-engineered the entire portal – UI to business logic storage – to give portal a fresh look and feel.

- Redesigned the data entry UI for the OTC and developed APIs to support new features
- Developed APIs on the java platform using Spring Boot and consumed through UI(Angular) layer
- Built SPA Web UI + modern REST API based design
- Used Azure Gateway(API Gateway) for accessing the Rest APIs and Swagger to document them
- Mapped roles through Assurebridge in databases for application security
- API testing tools used Postman, Soap UI, JMeter and Rest Assured
- JMeter tool for Server and API load testing, and to generate the performance testing report
- Implemented functionality of Reservations, Pre-allocations and Mass-maintenance of Orders and Inventory

Project Goal

Re-engineer the existing OTC (Order-To-Cash) system and develop a service-oriented middle tier to move existing business logic and build new ones.

Overall Outcome

- Improved UI/UX
- Improved System Performance
- Reduced maintenance time and cost

Technologies used:

- HTML 5
- Rest APIs
- Spring Boot
- AngularJS
- jQuery
- Oracle

“With Trantor migrating AWS for us, we are having more efficient processes, and we are better able to focus on delivering excellent service to our clients.”

- *Manager, Technology & IT*

About Trantor

Trantor delivers innovative technology solutions, which enable our clients to achieve their business objectives at reduced cost. With expertise in both Cloud-based and traditional applications, we understand all aspects and challenges of software development from product and feature definition to core product development and QA, deployment, and ongoing maintenance. Our deep experience in fintech, ecommerce, captive centers, and custom software development is unparalleled.

Contact Us

info@trantorinc.com

+1 (650) 646 7818

www.trantorinc.com