

CASE STUDY



Digital Business Unit

Client

Our client is a financial services company that provides payment services in the UK, Europe, North America and internationally.

Summary

Techwave developed an online Foreign Exchange application offering Spot and Forward instruments to currency management for the clients' corporate, private, strategic, education and retail clients. The application's core functions include rate management, treasury management, online card transactions and cross-border transactions such as remittances, business payments and settlements.

Foreign Exchange Application Development

What we did

We architected, designed, developed and are continuously enhancing the system since more than a decade.

- Techwave designed, developed and implemented the system to handle the day-to-day operations of the International Payments Service with high quality in collaboration with the client's IT wing.
- Ongoing Support and Maintenance.
- Improved customer communication and their quality of service.
- Developed a portal for order booking and to schedule payments.
- Improved the clients' backend operations through automating processes and electronic data exchange with customers and banks.
- Real time rates integration for the payment transactions.

Technologies used

- Programming: Java, GWT, EJB 3.0, Angular JS, Grunt, Node JS
- OS: Windows Server 2008 R2, Windows Server 2012 R2, CentOS, RHEL 7
- Load balancing: F5, Azure Load balancer, Apache HTTP
- Automation: Ansible, Shell, Windows batch scripting
- Monitoring: Sensu, ELK stack
- Pipeline & Process: Jenkins, Jira, Confluence, SVN, Maven, JFrog
- Application Server: Red Hat JBoss EAP
- Middleware: Red Hat Fuse, Apache Camel, CXF, Karaf
- Messaging: Active-MQ
- Database: SQL Server, Azure SQL Managed Instance, Elastic Search, (Postgres)
- Cloud: AWS, Azure, Rackspace

About Techwave

Established in 2004, Techwave Consulting is an USA headquartered global software solutions company with European offices in Eindhoven, London, Düsseldorf and Budapest. Started off as an SAP solutions and services provider, Techwave soon expanded its footprint and wings across the globe and started offering end-to-end software services. Our service offerings include analytics, cloud, digital, Internet of Things, ERP and BPO.

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