

# GLOBAL BANK EXECUTES FIRST INSTANT PAYMENT IN FRANCE USING IVORY SERVICE ARCHITECT

## *Achieving the Impossible*

With €500B in assets, €10B in revenue, this European bank is one of the largest financial institutions in the world. The global player aimed high when they set out to become the first bank in France to execute a real-time payment (RTP).

After all, this banking giant prides themselves on superior customer satisfaction, even crediting their global expansion to the prioritization of client experience above all else. Operating a broad portfolio of banking services - from global asset and wealth management to corporate banking and payment solutions - this banking behemoth relies on entrepreneurship and agility to meet their diverse customer demands.

To maintain their position as a leader in innovation and customer service, this major bank knew they needed to become the first one in Europe to instantly settle a payment transaction. Since the launch of TARGET Instant Payment Settlement (TIPS) by the European Central Bank in 2018, the move toward real-time payments is picking up steam in Europe. In fact, becoming the first to successfully accomplish RTP was actually a very ambitious objective.



### CLIENT

Global Banking Institution headquartered in France.



### INDUSTRY

Banking & Financial Services



### CHALLENGE

How can legacy technology and mainframes be used in tandem with modern applications to process payments, fraud detection, KYC, and AML in real time?



### SOLUTION

GT Software's Ivory® Service Architect™

Starting with an aggressive timeline to execute their RTP project, the bank immediately began looking for all the tools and parts needed to conduct instant payments.

Like most major banks, this organization uses mainframe computers as their system of record. Calling out from legacy systems to modern applications poses a significant challenge. In fact, mainframes were never designed to interact with external systems. The level of complexity required for a real-time payment to run on legacy systems is a major obstacle for many banks.

Next, the bank researched and evaluated a number of software products that enabled varying degrees of mainframe access. They found one solution, GT Software's Ivory, was being used by their sister bank to seamlessly expose the mainframe. After thoroughly researching other alternatives, the banking giant found that Ivory was the only solution that could meet their project deadline.

Ivory facilitated the quick creation of complex APIs, enabling the bank to connect their mainframe to applications that allow the transfer of money in real-time. GT Software's Ivory generated the code that the bank then inserted into an existing COBOL program that called two APIs. The first API generated a customer-level authentication token that was transferred to the second API, which called FIS's Clear-2-Pay application from the legacy COBOL program. Clear-2-Pay then executed the payment, allowing the bank to be the first bank to execute an instant payment in France.

Ivory creates powerful bi-directional APIs without manual coding through an easy-to-use drag and drop interface. With GT Software's Ivory, not only did the bank avoid extensively training their current employees or hiring additional staff, they delivered the project on time. In fact, the bank went from proof of concept to production in under 2 months.

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GT Software ([www.gtsoftware.com](http://www.gtsoftware.com)) empowers many of the world's largest banks—such as SunTrust and JP Morgan Chase— to accelerate their IT modernization efforts. By enabling companies to connect legacy mainframe assets with modern, cloud-based systems GT removes a major roadblock for Fortune 1000 companies looking to elevate their customer experience. Pioneering the Open Banking movement in Europe and the U.S., GT Software allows mainframes to rapidly create inbound calls and call out. Now, legacy systems can perform function such as payments, fraud detection, KYC, and AML in real time. GT Software is proud to help lead innovation with their 35+ years of mainframe expertise.



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