

The Icon Payments Framework (IPF)

Secure, sustainable and scalable payments transformation with IPF

Whether you are looking to develop your own payments solution or want a turnkey payments engine, we can help

IPF is an internationally proven payments development framework, trusted by Tier 1 banks across the globe, including Citi, BNP Paribas and NatWest.

IPF is designed to enable progressive transformation, giving banks a framework that is proven to accelerate implementation by 4x, while driving down total cost of ownership by up to 50%. Banks use IPF to independently build, test and deploy payments processing solutions that improve operational resiliency and agility, while staying in control of timelines and costs.

Progressive transformation with IPF

Reach your target state earlier with lower risks and costs

IPF is ISO 20022-native. This enables seamless integration with existing payments systems and the flexibility to build new **ISO 20022-compliant** solutions from the ground-up, safely and with fewer dependencies.

IPF is payments type and scheme agnostic. This allows banks to consolidate all payments rails onto a single solution at their own pace. New functionality can then be implemented within a much shorter timeframe, with lower costs and less disruption whilst staying in full control.

IPF provides a resilient and scalable foundation for Smart Routing. Banks are successfully using IPF to dynamically route payments, offer value-added services and gradually modernise their payments estate with reduced complexity and risks.

Developing payments solutions with IPF

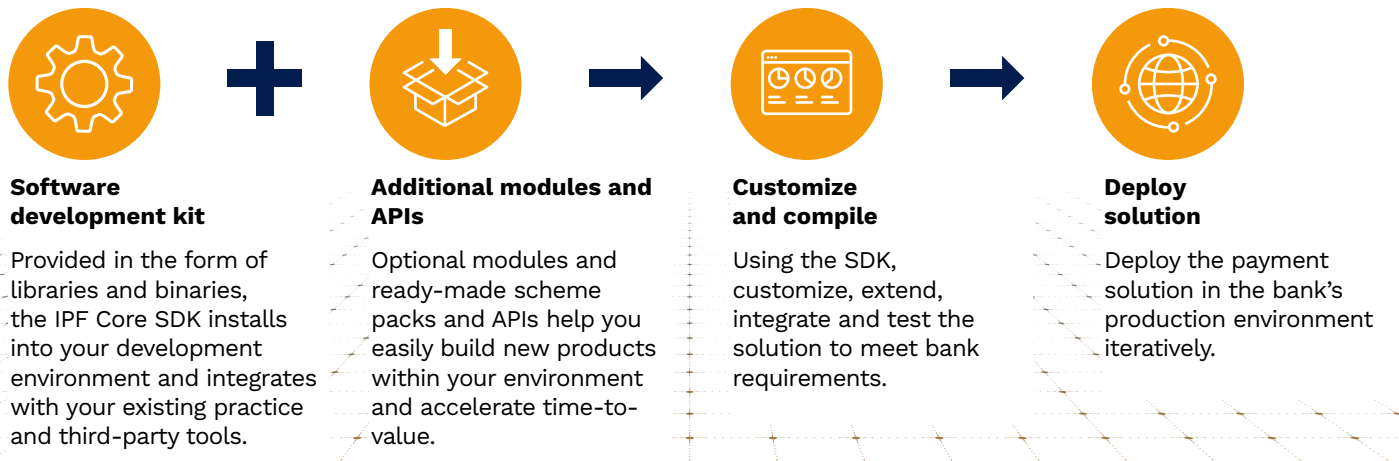
By the bank, by a system integrator, or by Icon

With the IPF software development kit, banks can safely deliver payments systems with a low total cost of ownership. IPF also features a range of additional optional modules and ready-made integration to clearing and settlement infrastructures to accelerate the implementation of end-to-end payments solutions.

Traditional vendor package:
Functionally rich but locks you in, and is costly, closed, inflexible and complex to change and configure.

Best of both worlds:
A payments development framework that puts you in control and enables progressive transformation - reducing costs by up to two thirds and consolidating your payments estate.

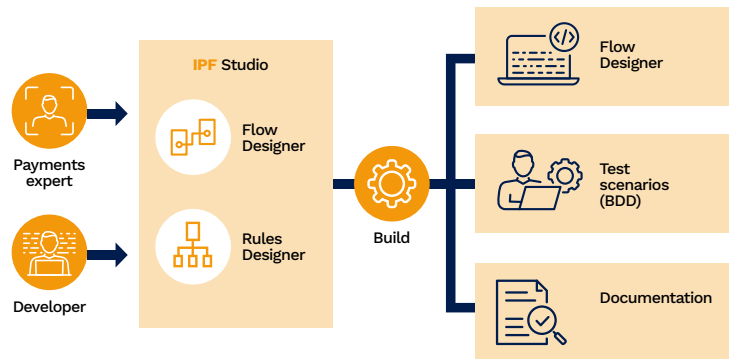
In-house development:
Puts you in control and gives you flexibility but at what cost, time to market, and risk?



Putting banks in control with IPF

Improve efficiency and collaboration

IPF Studio is made up of Icon's unique payments domain specific languages (DSL), leveraging JetBrains MPS, and putting banks in control by enabling payments experts and developers to jointly define process flows and rules, which is then used to automatically generate source code, BDD test scenarios and documentation of the process flow.



Target architecture with IPF

Functionality for the entire payments estate

Decoupling the value chain helps banks to segregate logical parts of the processing and maximise benefits to bank customers. From pre-processing, to execution and clearing and settlement, IPF covers the payments value chain from end to end, allowing banks to create bespoke solutions for each step and offering off-the-shelf modules and ready-made integration to accelerate implementation.



What our clients say about IPF

“ We are on a journey to unlock the full potential of the Citi network and respond to the need for a streamlined and efficient payment processing system. Through this relationship, we are removing platform complexity across our multiple products by following a process of ‘de-platforming’ common business services, creating reusable and extensible services, that can be orchestrated using the IPF framework. Our new approach will empower our engineering teams to respond quicker and more efficiently to industry developments, such as ISO 20022, and deliver high-quality innovation and functionality for our clients. ”

Debopama Sen, Head of Payments, Citi Treasury and Trade Solutions

“ The IPF enables Citi’s engineers to build, deploy and test capabilities rapidly. Coupled with independently deployable and evolvable micro-services, Citi will be able to horizontally scale for growing payments volumes and improve time to market. ”

Nick Nadgauda, Head of Technology, Citi Services