

ForgeRock® Open Banking Sandbox as a Service

New customer-centric banking models are transforming financial services for the new digital economy.

PSD2 (Revised Payment Service Directive) and Open Banking pose a new set of technical requirements ensure customer data is secure and only accessed with authorisation and consent. The Open APIs called for make it possible for Third Party Providers (TPPs) to enter the banking and payment ecosystem, delivering unprecedented innovation and competition.

ForgeRock is a key enabler in making PSD2 and Open Banking a reality through development of a cloud- based application, the Model bank and ForgeRock Directory that deliver the ability to demonstrate and test functionality being designed for an Open Banking ecosystem.

In order to achieve exemption from the provision of a fallback or screen scraping interface, Account Providers are required to enable connection and functional testing for TPPs by March 14, 2019, at least six months before the September 14, 2019 enforcement date of the Regulatory Technical Standard. This requirement enables authorised payment initiation service providers, payment service providers and account information service providers to test their software and applications used for offering a service to users.

Built to Open Banking UK API specifications, the ForgeRock Open Banking Sandbox provides the agreed standard for testing the functionality of Account Information Service Providers (AISPs) and Payment Initiation Service Providers (PISPs). With this service, organizations in the ecosystem are able to accelerate the development of web and mobile applications for Payment Service Users, such as personal and business banking customers.

The Open Banking Sandbox that ForgeRock provides supports v3.1 and is a fully compliant solution for Open Banking and PSD2. The service provides the following important components that are integral for application developers to test consent, onboarding, and access:

- » **Account and Transaction API:** The endpoint requests and responses for account requests.
- » **Payment Initiation API:** The endpoint requests and responses for payment requests.
- » **Security Profile:** The security standards that underpin the APIs.

The Open Banking Sandbox is configured to deliver these key requirements:

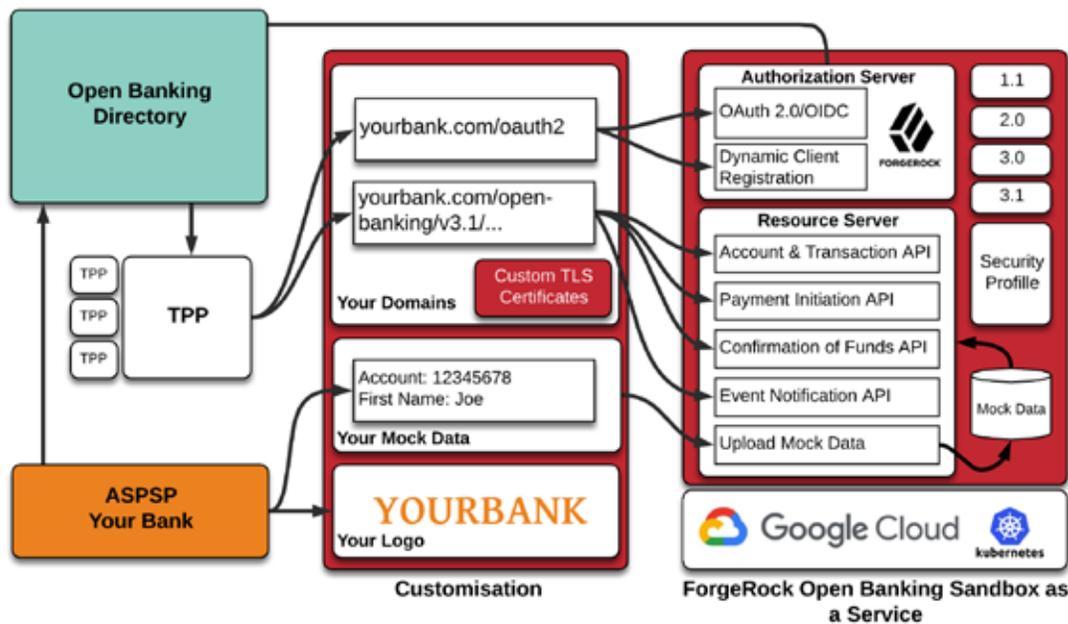
- » Implementation of the of the UK Open Banking specification ASPSP APIs for Payment Initiation Service Provider (PISP) and Account Information Service Provider (AISP) Open Banking flows:
 - Account and Transaction API Specification - v3.1, 3.0, 2.0 and 1.1
 - Payment Initiation API Specification - v3.1, 3.0, 2.0 and 1.1
 - Confirmation of Funds API Specification - v3.1 and 3.0
 - Event Notification API Specification - v3.1 and 3.0
 - Dynamic Client Registration - v3.1

- » Compliance with the Open Banking OI DC Conformance Test Suite
- » Successfully meet Conformance testing of future releases to API specifications
- » Supports automated SSA based onboarding for TPPs
- » Registration, authentication and consent management for simulated PSUs
- » Provision of simulated PISP & AISP applications
- » Loading and management of simulated ASPSP personal and business data
- » Headless authentication and authorisation to facilitate TPP testing
- » Provision of ForgeRock directory, simulating the Open Banking directory
- » Simple customisation of the provided ASPSP user interface
- » Fully deployed, managed, operated, and maintained Sandbox
- » Deployed in a dedicated, secure instance

“With tight timescales to meet the deadlines, the Frogerock Open Banking Sandbox can provide Account Providers with a compliance ready, managed service that saves time and money, now and for the future. With this service, ForgeRock is providing a key element for helping Financial Institutions to ensure success with this wide-ranging set of regulations.”

— Nick Caley, Vice President Services & Regulatory

Developers and architects can gain immediate access to test the [public version of the ForgeRock Open Banking Sandbox](#). To see how your organization can save time, meet deadlines, and lower the cost of compliance, contact us now for a quote.



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ForgeRock®, the leader in digital identity management, transforms how organizations build trusted relationships with people, services, and things. Monetize customer relationships, address stringent regulations for privacy and consent (GDPR, HIPAA, Open Banking, etc.), and leverage the internet of things with ForgeRock. We serve hundreds of brands, including Morningstar, Vodafone, GEICO, Toyota, and Pearson, as well as governments like Norway and Canada.