

Open Banking Framework

Expose your public APIs in a simple, secure and scalable way

Is your company ready for open banking?

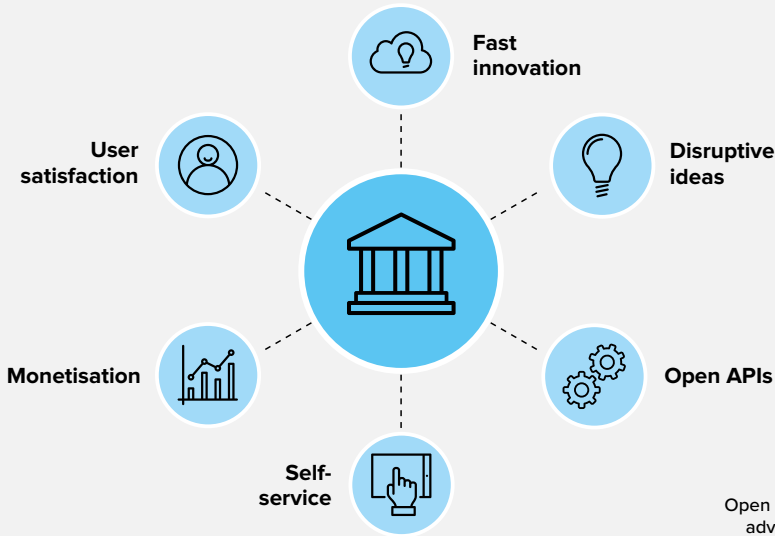


Image: Open banking advantages

What is open banking?



Open Banking is a safe way to provide access to financial data. With this technology, financial institutions can share customer data and provide access to open APIs (Application Programming Interfaces).

To externalise these APIs, the matter of security is of prime importance and has been so since the inception of the solution, adopting authentication and authorisation protocols that enable safe and reliable access, exposing only the correct data to the right individuals.

About the solution



The solution was developed by Amazon Web Services (AWS) and GFT, allowing the creation and use of an open banking platform in an easy, fast and affordable way. The open banking framework is composed of three major components:

- A serverless architecture based on AWS that enables financial institutions to build, manage and share APIs and methods with other institutions, including FinTechs
- A self-service developer marketplace where APIs can be built, monetised and exposed
- A consumer portal where developers can register their applications and consumers can interact with the externalised APIs

Value proposition



The financial institution can manage and externalise public APIs in a safe and controlled way using mechanisms that ensure the validation, authorisation (Oauth 2.0 standard) and authentication of each access. Furthermore, the solution automatically stores all transaction history into a data lake, thereby allowing machine learning training and analytics consulting.

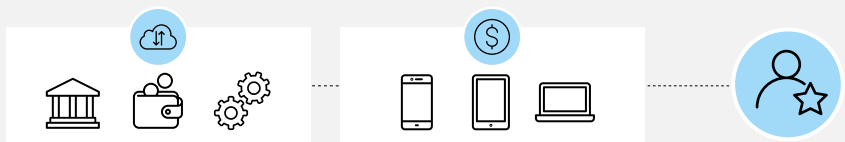
The machine learning models allow the application itself to block users, methods and APIs that present any kind of anomaly (i.e. misbehaviour).

Features



- **AWS native solution**
- **Pay-per-use. No upfront investment, no long-term commitment**
- **Allows financial institutions to implement their open banking strategy in weeks instead of months**
- **Serverless architecture**
- **Flexibility, scalability, resilience**
- **Safety and security are the main goals of the solution**

Image: The solution developed by AWS and GFT enables an easy, fast and affordable open banking platform.



Benefits



- Safe and granular methods of externalising APIs
- Full visibility over methods and API calls
- Easy adoption
- Custom stages and usage plans
- New digital business models created by financial institutions through a safe and scalable platform

A strong partnership

Amazon Web Services (AWS)



FUNCTIONALITY

More than 165 complete services offered



DISTRIBUTION

Availability Zones across 21 regions



COMMUNITY

Millions of active customers around the globe



INNOVATION

1,957 new service features launched in 2018



LEADERSHIP

More than 12 years of cloud market leadership

GFT



PARTNERSHIP

AWS Advanced Consulting Partner



EXPERIENCE

More than 15 years developing APIs globally



EXPERTISE

More than 300 API specialists



CERTIFICATION

More than 75 AWS certified engineers



PORTFOLIO

Global success stories of client cloud migrations, mass application migrations and cloud-native development

Joint value

About AWS



Amazon Web Services provides a highly reliable, scalable, low-cost infrastructure platform in the cloud that powers hundreds of thousands of businesses in 190 countries around the world.

About GFT



GFT is driving the digital transformation of the world's leading companies. With strong consulting and implementation skills across all aspects of pioneering technologies, GFT's clients gain faster access to new IT applications and business models.

Founded in 1987, GFT employs over 5,000 people in 13 countries.