

API ICC GATEWAY

(OPEN BANKING GATEWAY)

In today's financial systems, 'Open Banking' plays a crucial role in securely sharing data within the financial sector and providing customers with faster and user-friendly financial services. Recently, banks and payment institutions have started offering services to the ecosystem through the 'Open Banking Gateway' infrastructure developed by the Interbank Card Center (BKM), which provides standardized Open Banking transactions to the parties involved.

To better understand the Open Banking Gateway, it is beneficial to define some key concepts.

Open Banking: Open Banking involves opening access to financial data for authorized third-party service providers through standardized Application Programming Interfaces (APIs) in compliance with specified regulations. This innovation enables financial services to be delivered more rapidly and efficiently.

Payment Services Data Sharing Services (PSDSS): Within the scope of PSDSS, two fundamental services are defined for the payments area within the authorization and responsibility of the Central Bank of the Republic of Turkey (CBRT):



Payment Order Initiation Service: This service refers to the initiation of a payment order related to the payment account held at another payment service provider upon the request of the Payment Service User (PSU) customer.



Account Information Service: This service involves providing consolidated information related to one or more payment accounts held by the PSU at payment service providers, subject to the PSU's approval, on online platforms.

The high-level representation of Payment Services Data Sharing Services (PSDSS)



As AlbarakaTech, we have pioneered the development of Payment Services Data Sharing Services (PSDSS), revolutionizing financial data sharing and providing an end-to-end certified structure to all stakeholders. Our Open Banking Gateway solution encompasses the necessary functions and modules for organizations to become Account Service Provider (ASP) and Authorized Payment Provider (APP). It offers a ready module to undergo all regulations, control mechanisms, and certifications set by ICC, including Payment Order Initiation and Account Information services. Through PSDSS, we ensure secure data sharing, prioritizing the utmost privacy of customer information.

Technology: Our product encompasses contemporary technological solutions such as microservices architecture and container architecture. Additionally, it provides a seamless integration opportunity for customers through the ICC API gateway, enabling time and resource savings.

Security: Crucial functions like token management, rate limiting, idempotency rules, and consent management within our product ensure a secure and cohesive user experience for our customers.

Infrastructure: Our product facilitates integration points and provides the infrastructure to support all banks and payment institutions to integrate quickly, easily and conveniently into core banking and channel applications.

Support Team: Our competent and experienced project team provide full support to our stakeholders in the preparation of analysis documents, channel integrations, software development phases, testing, certification and licensing processes, in short, in all phases of the project.



As AlbarakaTech, our goal is to contribute to optimizing the financial processes of institutions by providing technical superiority, security, and user-friendly solutions. Our Open Banking Gateway solution is ready for our stakeholders to use with full efficiency with the features listed below.