SBS SaaS Product Description
Instant Payments

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Payments_(eng)_v21032025

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This Product Description for the "Instant Payments" SBS Offering forms part of the Agreement between SBS and Customer. For the purpose of this Product Description, the term "Product" shall mean "Instant Payments". All capitalized terms not defined in this document will have the meaning given to them in other parts of the Agreement

1.   Introduction

Instant Payments is a Product allowing the bank to participate in the SEPA Instant Credit Transfer scheme. It overs several capabilities:

- IP Initiation & Processing

- Mass IP Initiation

- IP Local Exchange (option)

- IP European Exchange (option)

- Transaction Monitoring (option)

- Sanctions Screening (option)

- IBAN Name Check Connector

- Payment Dashboard

- IP SAB Connector

Plus, several transverse capabilities:

- Market Data Management

- Tasks & Alert Management

- Users and Access Management

- Bank Organization Management

Our Product complies with the EPC (European Payment Council) regulations, organization in charge of the SEPA Instant Credit Transfer scheme. Our solutions also comply with the derogations allowed by the EPC and imposed by local/national regulators (e.g. max amount, max processing time…) for Belgium, the Netherlands and France.

Our solutions are also compliant with the specifications published by the CSM (Clearing and Settlement Mechanism) for the interbank exchange of SEPA Instant Credit Transfer scheme flows.

2.   Capabilities

2.1.   IP Initiation & Processing

This capability allows the bank to initiate unitary Instant Payments transactions or unitary recall of transactions previously sent.

When the unitary transaction is submitted, the processing starts. This processing executes several controls & checks, such as scheme compliancy verification, account status & balance checks, anti-fraud/anti-money laundering checks, sanction screening checks, … Some of these checks can be deactivated upon request.

In case of a failed check, the payment is put in a status indicating that the processing could not be completed.

In case all checks are OK, the payment is put in a 'completed' status and the payment is made available:

- Either to our **IP Local/European Exchange** capability (if selected by Direct Participants)

- Or to the selected partner that will take the exchange part (for Indirect Participants).

2.2.   Mass IP Initiation

Complementary to the **IP Initiation & Processing** capability, we offer the possibility to massively initiate Instant Payments transactions, through a file.

When the file is submitted, it is checked against a XSD and several functional verification are made, e.g., duplicate verification, total amount & number of operations, verification of debtor account, …

After the verification of the file, some checks on the order are made in order to ensure that it can be processed further.

- In case the verifications fails, the order is rejected and a warning is sent

- In case the verifications are OK, the order is submitted for the processing (following the processing as indicated in our **IP Initiation & Processing** capability).

This capability also generates PSR files to give feedback to the orderer.

2.3.   IP Local Exchange (option)

This capability can only be assembled with our **IP Initiation & Processing** capability.

It allows the instant payments transactions (and other type of files) to be exchanged with a selection of local CSM. Currently, the following local CSM are natively managed:

- Equens Worldline (NL)

- STET (BE / FR)

This option is mutually exclusive with the **IP EU Exchange** capability.

2.4.   IP EU Exchange (option)

This capability can only be assembled with our **IP Initiation & Processing** capability.

It allows the instant payments transactions (and other type of files) to be exchanged with a selection of European CSM:

- TIPS

- RT1

This option is mutually exclusive with the **IP Local Exchange** capability.

2.5.   IP SAB Connector

This capability aims at providing customers using the "SAB" Core Banking a connector that allows this "SAB" Core Banking to exchange payments transactions with the IP product.

2.6.   Direct participant Connector

This capability allows the Instant Payment Solution of the bank to connect with a direct participant for the exchange of the payment messages with the Clearing Settlement Mechanism (CSM). Depending on the direct participant, the connector takes into account technical connections and sockets with the Instant payment engine.

3.   Capabilities on the roadmap

3.1.   Transaction Monitoring (option)

This capability aims at monitoring, in real-time, all the transactions made. It helps fighting Fraud and money-laundering.

This capability can check a transaction against historical data and has a Machine Learning functionality that helps improving the Model, as the Fraud and Money-laundering techniques continuously evolve.

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This capability is offered through a partnership.

3.2.   Sanctions Screening (option)

This capability aims at screening all the transactions and the client base of the bank.

The main public lists are automatically refreshed as well as the lists from commercial providers (with a license from the Bank). This capability also allows the Bank to configure private lists.

Within the screening, this capability uses AI to reduce the false positive and, hence, reduce the amount of work for the Bank.

This capability is offered through a partnership.

3.3.   IBAN Name Check Connector

This capability allows the Bank to easily integrate all the necessary call (from our IP Initiation & Processing capability but also from the Bank's information system) to the interbank IBAN Name check system. This capability will make the call to the IBAN Name Check system, log the answer and all other relevant information.

3.4.   Payment Dashboard

This capability allows the bank to have a high-level view on the payments status and other relevant KPIs to perfectly drive their business.

This capability includes various graphical views of the KPIs.

4.   Transversal capabilities

4.1.   Market data Management

This capability includes features for defining standard market information, e.g. country information, holiday non-working days calendars, exchange and currency rates, reference rates.

4.2.   Users and access rights

This capability manages bank users and their links within the banking organisation:

- Definition of the resources that require specific permission for each application.
- Definition and management of access rights to the different applications
- Definition and management of profiles and profile groups based on these access rights (A profile is a set of access rights)

5.   Bank organisation Management

Management of the definition of a bank structure covering the different entities, points of sale and departments of the bank.

The organizational structure of the bank is composed of typed and hierarchical structure elements. Services for the definition of access profiles aligned with the bank organisation.

An access profile represents the business position of a bank user (eg: Account manager of point of sales 1, director of the agency 2, …)

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