

Convenient, simple and secure • using the mobile number

.....

# enabling mobile person-to-person payments



..... a worldline company

**equensWorldline**

## CHALLENGE

In the last years the usage of smartphones has revolutionized our daily life, including our payment behavior. One big driver for the success of the introduction of mobile payments seems to become the **mobile person-to-person (P2P) payments**.

Today the existing P2P payment services are mostly isolated. What's more, for most domestic solutions both people (payer and payee) need to be registered at the same P2P payment service, or the payer needs to know the payment details from the payee. In addition to the current local, domestic solutions there is a growing need to also enable **cross-border** and **cross-community P2P payments**.

The success of the P2P payment services strongly depends on the underlying **user experience** for the payer and payee. With the current solutions, the manual exchange of sensitive payment information (IBAN) makes the payment process very uncomfortable and fragile.

Based on these demands the **European Payments Council (EPC)** created a dedicated taskforce to define and create interoperability between the existing P2P payment services based on a new service, the **SEPA Proxy Lookup (SPL)**. This SEPA Proxy Lookup service will enable the retrieval of the correct up-to-date IBAN, based on the mobile number of the payee, to P2P payment providers. The EPC has selected equensWorldline to be their preferred SPL service provider.

## SOLUTION

The SEPA Proxy Lookup (SPL) service supports interoperability of different European mobile P2P payment schemes, and provides the necessary data for an inter-scheme P2P payment.

In the first phase this lookup service will provide a **mapping of a mobile number to an IBAN**, so the P2P scheme of the payer (debtor) can retrieve the payee's IBAN (creditor). After that the debtor scheme can initiate a payment to the creditor.

To realize this functionality the SPL service transfers the incoming IBAN request to the network of attached providers. The request will be sent to the appropriate subset of the attached providers in parallel and the system will cope with the time-out behavior to ensure a total maximum response time. Some of the requested providers will come back with a positive answer, where the system chooses the most recent entry.

So the SPL service is an intelligent routing network and is not creating a dedicated IBAN database. In further developments also **different mappings** could be requested from the lookup service (mapping of mobile numbers to email addresses as alias).

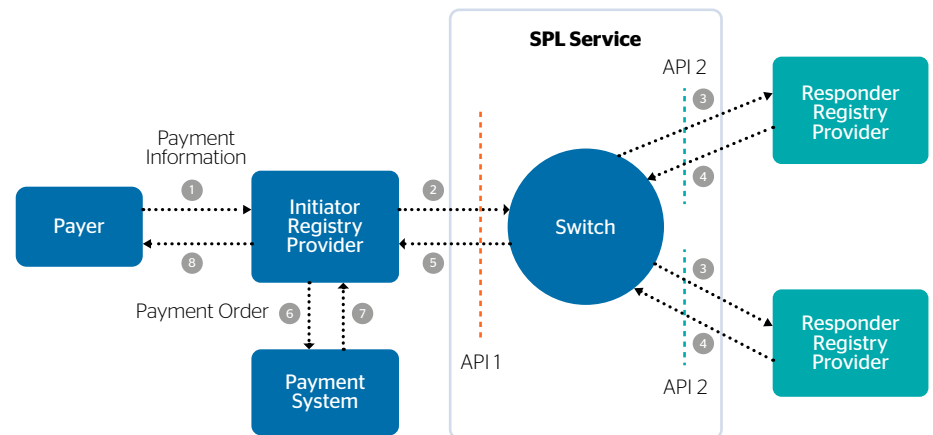
## FUNCTIONALITIES

The major functionalities of the SPL service are the **management of the participants** (Initiator Registry Providers - IRPs and Responder Registry Providers - RRP), the Implementation of the APIs to IRPs and RRP, and the implementation of the **mapping** (mobile number to IBAN). In addition the service also contains support functions like reporting, statistics and billing. The SPL service will ensure **high availability** and features **real-time performance**.

## GOVERNANCE

The European Payments Council (EPC) has the role of **SPL scheme manager** and defines the rules for operating, joining and participating in the SPL service and the SPL API specification. The **rulebook** can be found on the website of the EPC.

The used technical solution for the SPL service is already designed to cope with these new functionalities. Furthermore the service is prepared to support new use cases like **Person-to-Business** payments, or delivering an **eReceipt**.



## BENEFITS

### Benefits for end-users:

- More comfortable user experience
- No need to exchange the IBAN
- Secure way to transfer payment data (IBAN)
- Correct IBAN is ensured

### Benefits for P2P payment providers:

- Higher attractiveness for new customers
- Better user experience for customers
- Less costs for incorrect IBANs
- Additional revenue based on additional transactions

## ABOUT EQUENSWORLDLINE

equensWorldline is the pan-European leader in payments and transactional services. Being part of the Worldline Group, we combine long-standing proven expertise in traditional mass payment systems (issuing, acquiring, intra- and interbank payment processing) and innovative e-commerce and mobile payment solutions. Building on more than 50 years of experience we service a broad, international client base in numerous countries across Europe. Clients rely on our expertise to anticipate European regulatory changes, benefit from transformative technologies, optimize processes, ensure operational excellence and manage risk and fraud. We accelerate our clients' time-to-market and digital transformation, allowing them to cater for the shifting needs and increasing demands of their customers. Our unparalleled footprint allows us to achieve economies of scale and benefit from synergies, making us a cost-efficient and competitive business partner for seamless, secure and efficient payment solutions.

**INTERESTED?  
LET'S GET IN TOUCH!**

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