

Data delivery via sedex

Overview and functional descriptions

October 2025



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1 Introduction

1.1 Who is this guide written for?

These instructions are intended for Swiss Post business customers who wish to use the following services and who already use the sedex platform for data exchange or wish to process their data exchange via sedex in the future:

- DataTransfer incl. or excl. PickPost
- BMB (letters with barcode) via DataTransfer
- Letters with Letter ID
- Electronic COD
- Electronic court document online
- Print data for debt collection documents and daily mail
- Dispatch list (DL) via DataTransfer (incl. system reply and dispatch list delivery note)
- Parcel post easy proof of processing via SFTP
- Withdrawals of debt collection documents

1.2 What does this guide cover?

These instructions form the basis for customers with a connection to the sedex platform and are intended to help enable data exchange with Swiss Post via sedex.

The sedex platform enables multiple connection options. The sender is responsible for choosing and providing a detailed description of the connection type. This document does not provide any further details in this regard.

1.3 Validity

These instructions are valid from October 2025. They replace all previous versions.

We have marked all new sections to content with a line at the margin.

1.4 Contact

Domain Manager of “PostMail” sedex domain

DataTransfer Application Manager
Reto Niederberger
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E-mail reto.niederberger@post.ch

Technical Manager for “PostMail” sedex domain

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1.5 Customer and operational support

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3030 Berne
E-mail datatransfer@post.ch

1.6 Abbreviations and terms used

Abbreviation/term	Description
BMB	Collective term for letters with barcode
DD	Debt collection documents
DL	Dispatch list
DT or DataTransfer	Name of service for electronic data transmission to Post CH Ltd
eSchKG	Bundesgesetz über Schuld-betreibung und Konkurs Bundesrecht eSchKG Standard
FOITT	Federal Office of Informa-tion Technology, Systems and Telecommunication
FOJ	Federal Office of Justice
FSO	Federal Statistical Office
ICS	Internal control system
Logical sedex subscriber	A subscriber registered in the sedex subscriber directory who does not have his own adapter or certificate, but uses the physical subscriber with others (logical subscribers)
Physical sedex subscriber	A subscriber registered in the sedex subscriber directory who has a sedex adapter and a certificate
sedex	secure data exchange: Data exchange platform from the FSO (Federal Statistical Office) for the secure exchange of data; it is operated by the FOITT
VGK	Mailing solution for business customers, creates dispatch lists

1.7 Reference documents/links

As sedex is a method of data transmission, the following documents are of overriding priority.

No.	Title/link
[01]	DataTransfer manual and annexes 1–5 (Swiss Post)
[02]	DataTransfer Subscriber Conditions (Swiss Post)
[03]	www.sedex.ch → Downloads
[04]	Document collection: www.swisspost.ch/datatransfer → Technical DataTransfer support

2 Service description

sedex (“secure data exchange”) stands for secure and traceable data exchange between specialist applications of the public administration as well as companies and institutions.

For Swiss Post, data transmission via sedex is an additional communication channel through which data are both received and sent. Accordingly, Swiss Post is an “active sedex subscriber” with its own “PostMail” domain. The costs of data transfer when using sedex are borne by the business customer themselves and are charged by Swiss Post on an annual basis.

2.1 Data delivery via sedex

eSchKG domain subscribers can exchange data with Swiss Post using the Swiss Confederation’s sedex platform. Swiss Post has two active physical subscribers: one for the production environment and one for the test environment.

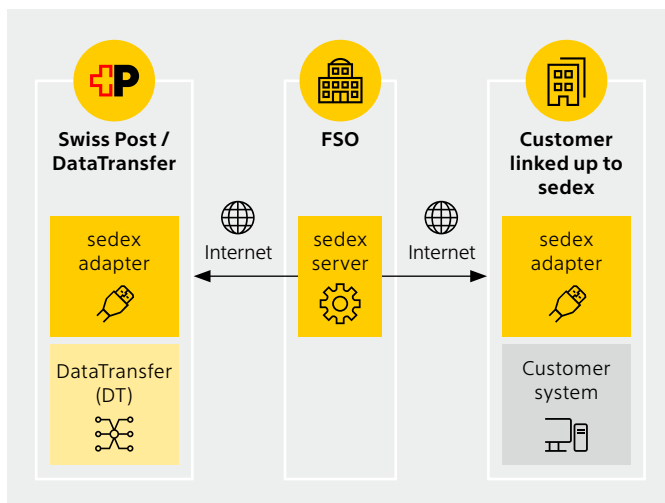


Figure 1: Overview of sedex – DataTransfer / Letters with barcode (BMB) and debt collection document print data

2.2 Message types

Swiss Post has had the following message types activated for the sedex domain “PostMail”:

Description	Message type
DT consignment data (letters with barcode/ dispatch list)	4300
DT print input (debt collection document printout)	4301
DT print daily mail	4302
DT reports (status messages, delivery notes, reports)	4330

2.3 Connection types and data transmission

The sedex domain “PostMail” favours connection and data transmission via the physical sedex subscriber. Logical subscribers are only permitted under specific conditions laid down by FSO.

A physical sedex subscriber consists of the following components:

- sedex adapter
- security certificate
- sedexID

Swiss Post has two physical sedex subscribers:

Swiss Post sedexID for production: 7-41-2	For the exchange of productive user data.
Swiss Post sedexID for integration: 7-41-1	For the exchange of test data. Mainly for use during the connection phase and for releases.

The data exchange is as shown below for both subscribers:

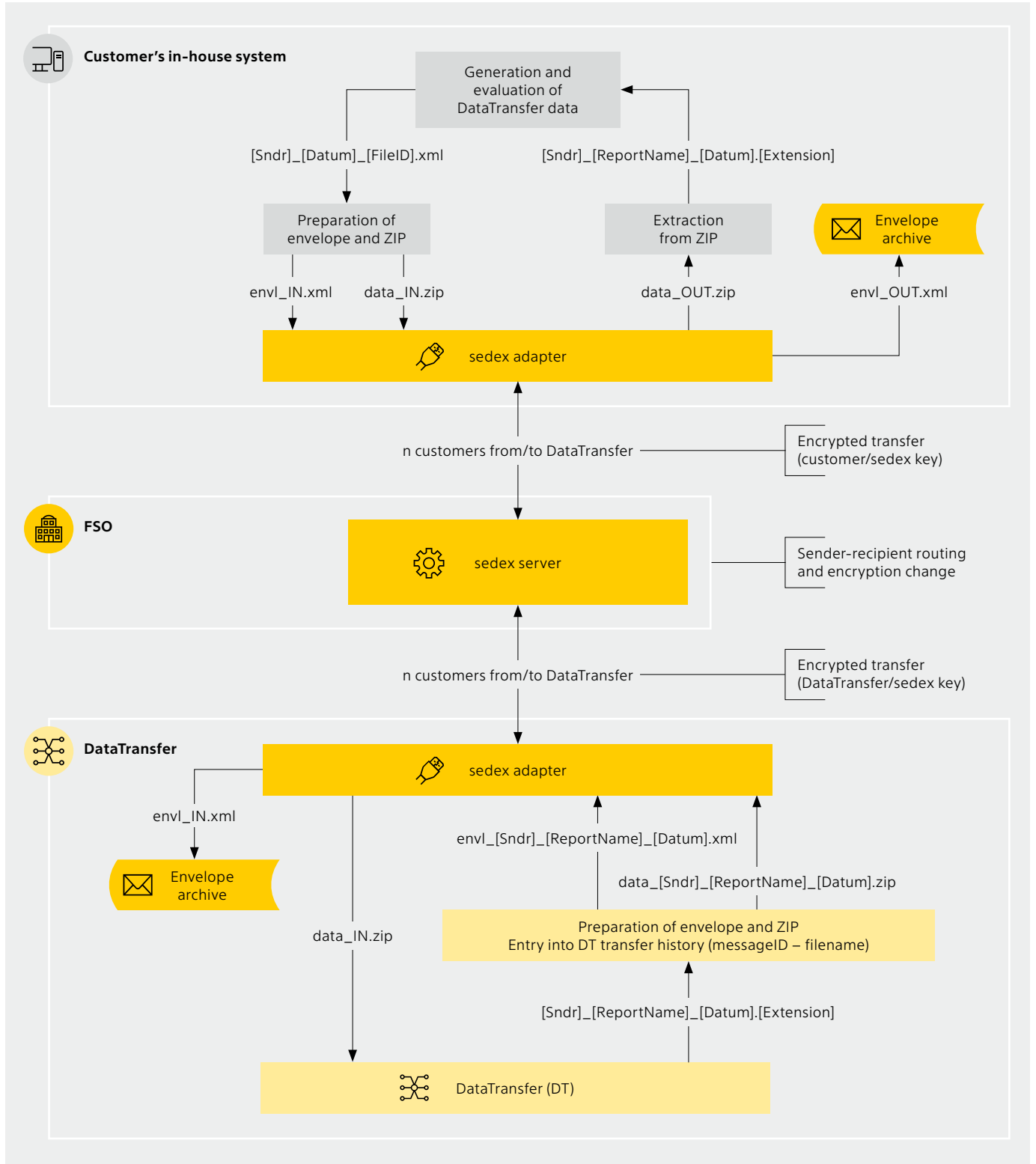


Figure 2: Details of data transmission

2.4 Data transmission

The sender transfers its message to the adapter for dispatch. The in-house application provides the files in the adapter's outbound directory. The "sender adapter" transfers the message via the sedex server to the "recipient adapter" for further processing in the inbound directory.

Once the transfer from the "sender adapter" to the "sedex server" is complete, the sedex adapter moves the message to the "sent" folder. However, this move does not indicate successful delivery of the message.

If the delivery is successful, a receipt file is issued.

The data content (data*) of the message is encrypted by the sender using the recipient's public key. The encryption remains in place and unchanged during the entire data transport. The sedex server can only identify information which is contained in the envelope.

2.4.1 Test environment sedexID 7-41-1

The test environment is used to check the basic data exchange function via sedex and the accuracy of the files (with regard to syntax and content). It is thus possible to ensure that the incoming file delivery functions properly and that no incorrect information is fed into the productive environment.

2.4.2 Productive environment sedexID 7-41-2

After a successful test run, the incoming delivery data are exchanged via the productive environment. This environment is usually activated only after successful completion of the integration tests.

3 Registration process

For activation of a new subscriber to the domain "PostMail", the following processes apply.

3.1 Activation process/login

The relevant communication is ensured by DataTransfer Support. If required, the domain representative is included in the communication flow.

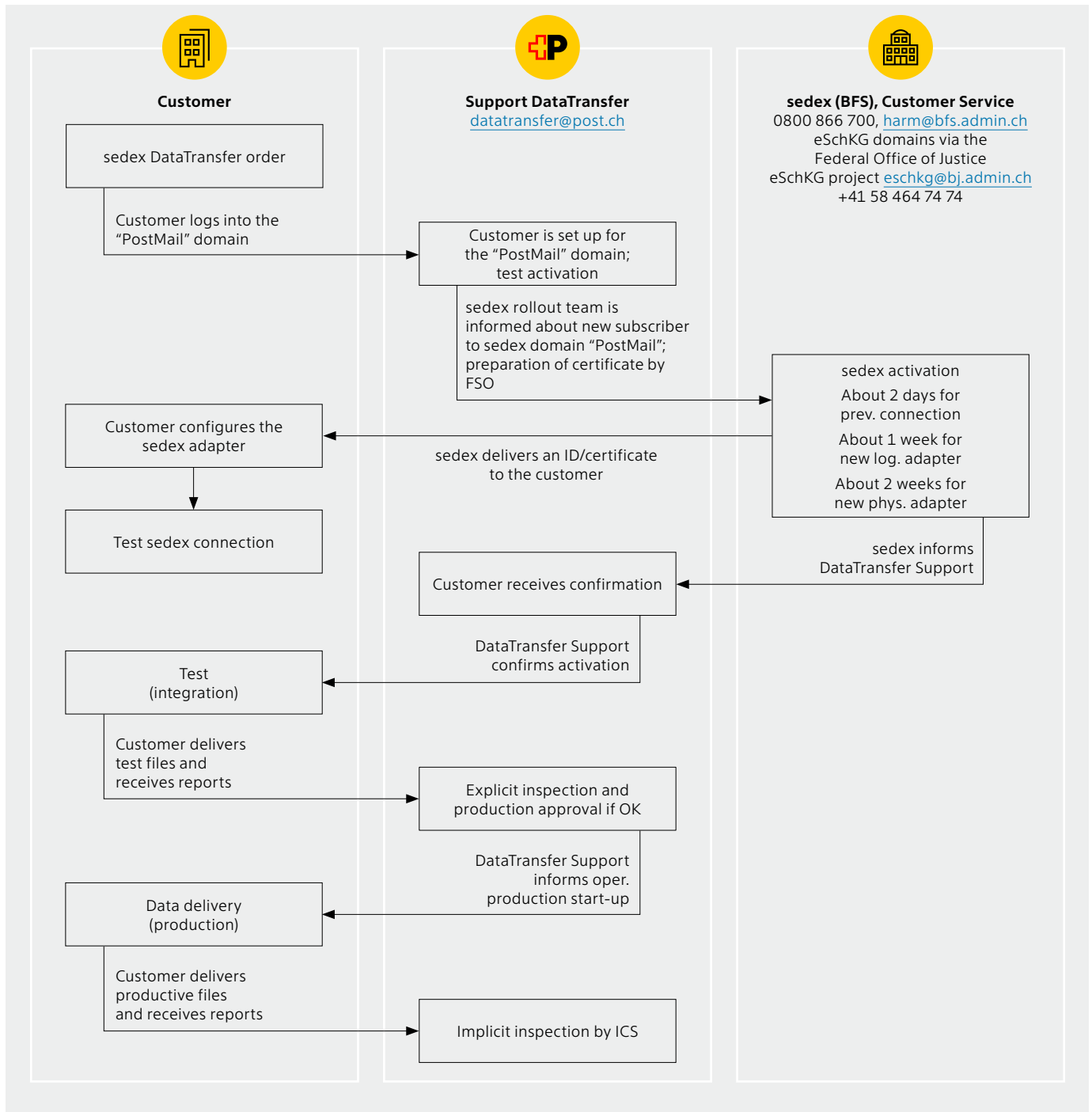


Figure 3: Activation process sedex domain "PostMail"

Not every sub-step is described below; some steps can be summarized.

sedex DataTransfer order

The Swiss Post customer advisor helps the business customer complete the registration for the service and submits it to DataTransfer Support. Alternatively, the registration can also be submitted directly to DataTransfer Support by the software partner.

Acceptance/activation

The registration is checked by DataTransfer Support and any missing information completed. DataTransfer Support also undertakes the coordination with FSO and the FOJ, and notifies the business customer of confirmation of activation if there is an existing adapter.

DataTransfer Support generally initializes the activation either for existing or new sedex users.

Test delivery files

These steps form the standard procedure for activating a customer. The sedexID 7-41-1 is used as the recipient.

The business customer delivers the consignment data in accordance with the schema requirements on the technical home page for DataTransfer. The following requirements also apply to data transmission using sedex:

- Envelope files have the prefix “envl_” and the file type “*.xml”
- Data files have the prefix “data_” and the file type “*.zip” for the ZIP archive
- The data files must contain at least one DataTransfer V2.1, named according to the usual DataTransfer conventions

The delivery files are checked by DataTransfer Support and reported/confirmed.

As soon as the consignment data is processed, integration tests (posting – processing – bulletin of verification reports) can be carried out. During the integration process, in consultation with DataTransfer Support and Test Support, test consignment data can be entered by Swiss Post in order to test that reports are being returned correctly.

Production release

Once the integration tests have been successfully completed, the production release takes place. The production environment is then used for delivery. From this point on, the sedexID 7-41-2 is used as the recipient.

3.2 Certificate extension

Certificate handling in accordance with sedex instructions.

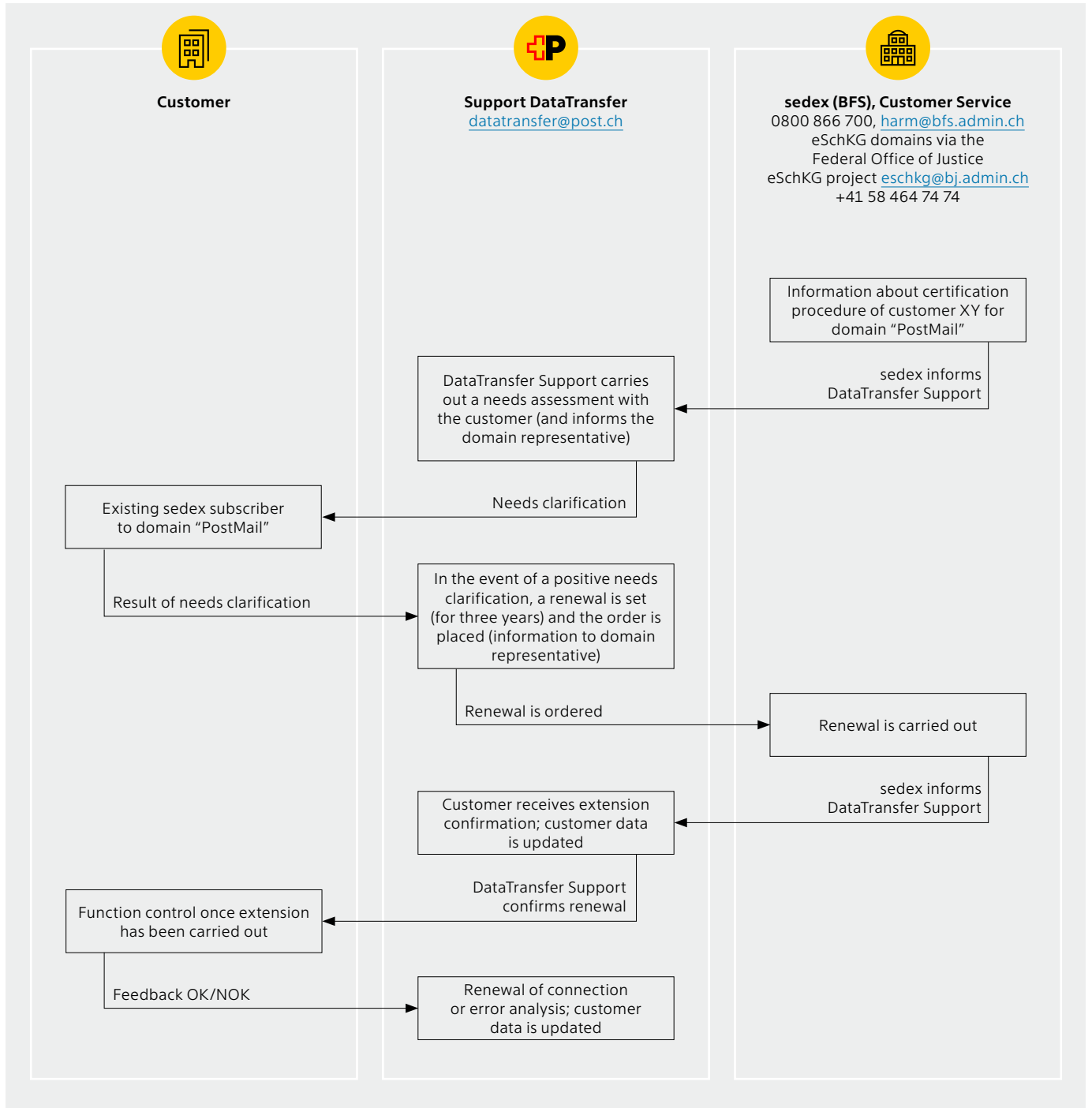


Figure 4: Certificate renewal of sedex domain "PostMail"

