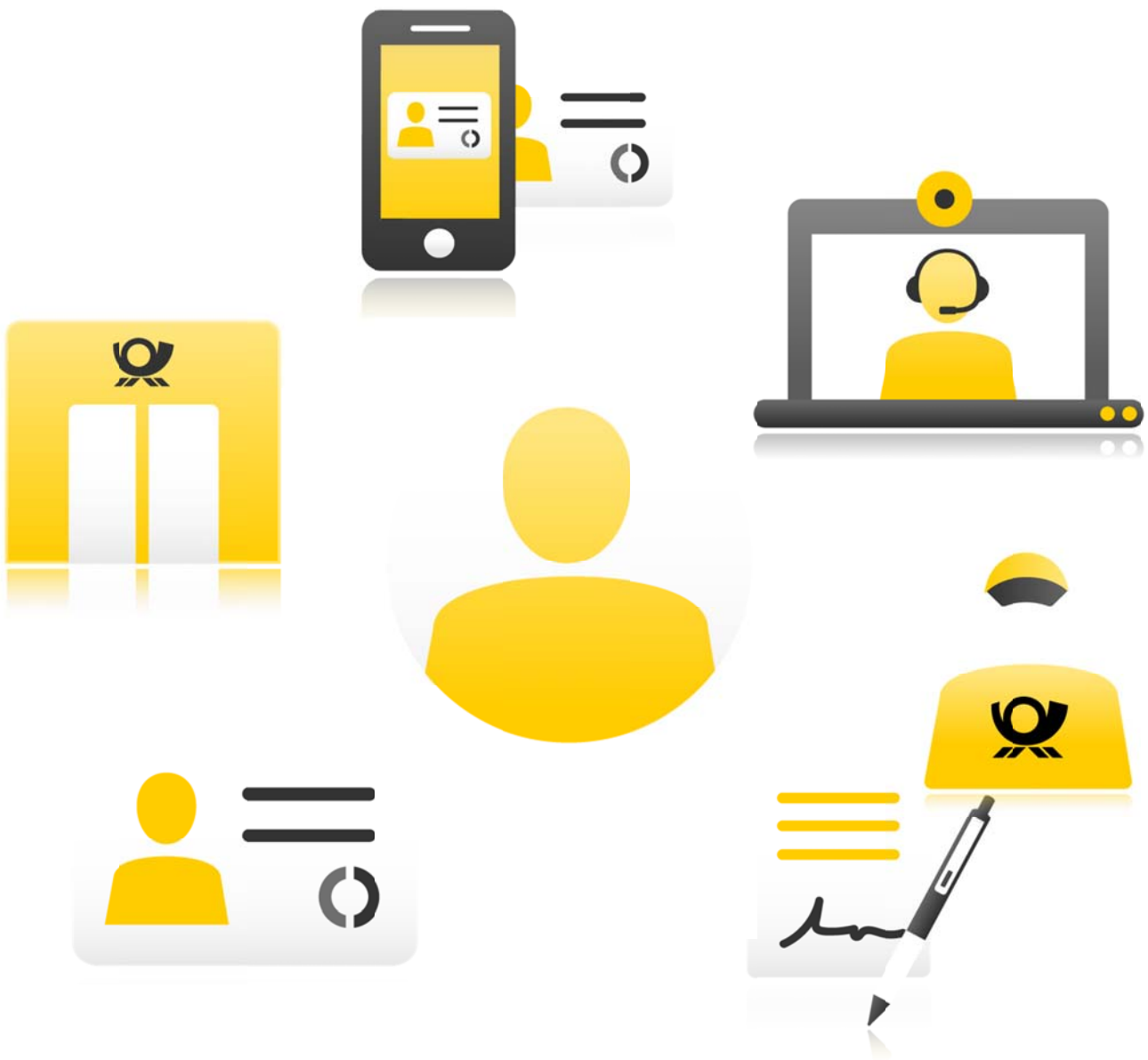




## Result-PDF Guide



# Result PDF Guide

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**Changelog**

Date	Change
01 Feb 2019	Identification Document "type" possible values added
27 Mar 2017	Fraud suspicion information added

## 1. Overview

To provide a human readable format of the result data, result pdfs can be generated and delivered. This feature is optional and has to be activated for every single client ID (Abrechnungsnummer).

When an identification reaches a success status or a fraud status, the result pdf will be generated and persisted. It is accessible through all result interfaces (SCR API, SFTP, Auskunftsportal).

## 2. Details

### 2.1 Format and Encoding

The PDF format is PDF/A-1a, which ensures reliable reproduction of the visual appearance of the document.

The encoding of the content is utf-8.

### 2.2 Files

It is possible to choose one or more of three different PDF file types.

PDF File	Content	Purpose	Identification Methods	Filename Example
PDF 1 Result Complete	<ul style="list-style-type: none"> <li>• Data of identified person</li> <li>• Data of identification document</li> <li>• Details of identification</li> <li>• Details of fraud suspicion (only in case of fraud suspicion)</li> <li>• Images</li> <li>• Machine readable matrixcode</li> </ul>	Complete identification data including images	Video, Basic	<caseld>_result_<method>.pdf 12345678ABCD_result_video.pdf

PDF 2 Result Data	<ul style="list-style-type: none"> <li>• Data of identified person</li> <li>• Data of identification document</li> <li>• Details of identification</li> <li>• Details of fraud suspicion (only in case of fraud suspicion)</li> <li>• Machine readable matrixcode</li> </ul>	Identification data only; use this file type in case you have to process the data but need to restrict the access to the images	Video, Basic, nPA	<caseld>_resultdata_<method>.pdf  12345678ABCD_resultdata_video.pdf
PDF 3 Result Images	<ul style="list-style-type: none"> <li>• Images</li> </ul>	Images only; use this file type in case you have to process the images separately	Video, Basic	<caseld>_resultimages_<method>.pdf  12345678ABCD_resultimages_video.pdf

<method> = identification method of the primary ident; values: video, basic, npa

**PDF for fraud suspicion**

Even if none of the above Result PDFs is activated, it is possible to receive a Result PDF for fraud suspicion cases.

The PDF contains the same information as the "PDF 1 Result complete" except the matrixcode.

**2.3 Limitations**

**Identification methods**

Result PDF is available for: Basic, Video, nPA

Result PDF is not available for: Photo, Comfort, Special

**Images**

The access to images of the identification and specific data fields of identification documents is restricted by laws of data protection. Only GwG (Geldwäschegesetz = german money laundry law) obligated parties have access to images.

Even though in case of fraud suspicion images will be provided within the result PDF.

**2. Matrixcode**

**2.1 Characteristics**

Characteristics	
Type	Datamatrix
Format	square
Size	floating, max. 2335 characters
Encoding	UTF-8
Field separator	All data fields are separated by a semicolon ";". Semicolons and backslashes in the data are escaped by backslashes (e.g. "\", " or "\\"). Empty strings are represented by two semicolons ";;".

## 2.1 Structure

Field	MaxLength	Description	Content/ Example	Source
VERSION				
version	4	Version of the data matrixcode; version described here is „PI01“	PI01	
META DATA				
accountingNumber	14	Unique identifier for invoicing (dt. Abrechnungsnummer); also used as identifier of a client configuration and printed on the PI coupon for an identification in the post office (basic)	10000000000012	accountingData
caseld	12	Unique id of the PI system for the case	123456789ABC	case
referenceld	14	Unique id either generated by business customer (client) or by PI system (in the latter case identical to caseld); also printed on the PI coupon for an identification in the post office (basic)		orderData/processDataProvided
custom1	100	Custom text field for the business customer (client) in order to pass his own identifiers, labels etc.		orderData/customData
IDENTIFICATION METHOD AND RESULT				
identificationMethod	40	Possible values: <ul style="list-style-type: none"> <li>• photo</li> <li>• video</li> <li>• npa</li> <li>• basic</li> <li>• comfort</li> <li>• special</li> </ul>	video	identificationStatus
identificationTime	25	The time of when the agent or PI-System decides on final result (success or declined). Otherwise null. ISO 8601 format, accuracy in seconds, the offset to Zulu time ±hh:mm at the end, e.g. 2016-01-28T23:59:59+01:00	2016-03-01T10:00:00+01:00	identificationStatus
status	40	Result status of the identification Possible values: <ul style="list-style-type: none"> <li>• success</li> <li>• declined</li> <li>• cancelled</li> </ul>	declined	identificationStatus
subStatus	4	Substatus describing the incomplete and declined status on a more detailed level. Example: 11 = fraud suspicion is a possible substatus for declined.	11	identificationStatus
subStatusReason	4	Additional agent information regarding fraud suspicion. Example: 110 = identification document probably forged.	110	identificationStatus
PERSONAL INFORMATION				
firstName	35	All first names as printed on the identification document	Max Walter	identificationDocument
lastName	35	Exact last name as printed on identification document; may include title like "Dr."	Muster	identificationDocument

birthName	35	Only if differing from last name Does not include prefixes like „geb.“ or „Geborene“	Meier	identificationDocument
birthDate	10	ISO 8601 format: YYYY-MM-DD	1969-07-31	identificationDocument
birthPlace	55		Berlin	identificationDocument
nationality	3	ISO-3166 ALPHA-3 plus RKS for kosovarisch	DEU	identificationDocument
streetAddress	70	From identification document or, if not included there, from contact data	Hauptstraße 10	identificationDocument or contactData
postalCode	11	dito	10000	identificationDocument or contactData
city	55	dito	Berlin	identificationDocument or contactData
country	3	dito; ISO-3166 ALPHA-3 plus RKS for Kosovar	DEU	identificationDocument or contactData
addressSource	1	Source of address: <ul style="list-style-type: none"><li>• 1 = contact data</li><li>• 2 = identification document</li></ul>	2	
<b>IDENTIFICATION DOCUMENT</b>				
type	2	Possible values: <ul style="list-style-type: none"><li>• 1 = ID-Card (Personalausweis)</li><li>• 2 = Passport (Reisepass)</li><li>• 3 = Residence Title (Aufenthaltstitel)</li><li>• 4 = Temporary ID-Card (vorläufig ausgestellter Personalausweis)</li><li>• 5 = Temporary Passport (vorläufig ausgestellter Reisepass)</li><li>• 6 = 1954 Convention Travel Document (Stateless Person) (Reiseausweis für Staatenlose (Übereinkommen von 1954))</li><li>• 7 = 1951 Convention Travel Document (Refugee) (Reiseausweis für Flüchtlinge (Übereinkommen von 1951))</li><li>• 8 = 1946 Convention Travel Document (Foreigner) (Reiseausweis für Ausländer (Abkommen von 1946))</li><li>• 9 = Service Passport (Dienstpass)</li><li>• 10 = Diplomatic Passport (Diplomatenpass)</li><li>• 11 = Official Passport (Ministerialpass)</li><li>• 12 = Official or Diplomatic Passport (Ministerial- oder Diplomatenpass)</li></ul>	1	identificationDocument
number	20		T22000129	identificationDocument
dateIssued	10	ISO 8601 format: YYYY-MM-DD	2010-05-20	identificationDocument
dateOfExpiry	10	ISO 8601 format: YYYY-MM-DD	2020-05-19	identificationDocument
authority	100		Stadt Berlin	identificationDocument
placeOfIssue	55	Field in German passport only		identificationDocument
countryOfDocument	3	ISO-3166 ALPHA-3 plus RKS for Kosovar	DEU	identificationDocument