

SCR-Ident Delivery API – Result

Standard Connect & Result (SCR) API



Version 2.12
07.08.2023

SCR-Ident API Guide 2 Result

Contents

1. Overview	3
Definitions	3
2. Lifecycle of an Identification	4
Overview	4
Lifecycle of Video Identification	4
Lifecycle of eID Identification	5
Lifecycle of Basic Identification	6
Lifecycle of Photo Identification	8
Lifecycle of AutoID Identification	9
E-Mail Communication	10
Push-Notifications via Webhook	10
Redirect / Callback URLs	10
Result PDF	10
Summary	11
3. Identification Classes	12
4. Result Status	12
Identification Status Video	12
Identification Status eID	14
Identification Status Basic	15
Identification Status Photo	16
Record Status Photo	17
Identification Status AutoID	18
5. Webhook	20
6. Redirect/Callback URLs	20
7. REST API	21
Overview	21
Preconditions	21
Details	21
Protocol	21
Host	21
Path	21
Authentication	22
Header	22
Retrieve a single case	22
Retrieve identification data for a single case	22
Sample Request and Response	22
Retrieve status data for a single case	26
Sample Response with successful video ident:	26
Retrieve a list of cases	27
List operation to get identification data	27
Optional filter parameters:	27
Sample Request	28
List operation to get case status data	28
Sample Request	28
Archiving cases	29
Path	29
Body	29
Sample Request and Response	29
Errors	30
Encryption	30
8. Result Data	30
Overview	30
CaseResult	31
CaseStatus	32
OrderData	32
ContactDataResult	32
AddressResult	32
AddressMatch	33
IdentificationResult	33
IdentificationStatus	33
IdentificationDocumentResult	34
DrivingLicenceResult	35
DrivingLicenceClassesResult	36
RecordResult	36
AdditionalDataVideo	37
AdditionalDataEid	37
AdditionalDataBasic	37
AccountingData	38
9. Partner	38
Start a new identification	39
Receive webhooks	39
Retrieve status information	39

Changelog

Date	Change
07.08.2023	Added new substatus reason 831 for review phase as well as substatus reason 832 for residence permit in method AutoID
27.06.2023	Added substatus 15 Abuse
23.06.2023	Webhook for cancellations and callbackUrlCancelledAndClosed added.
01.06.2023	Updated section "Identification Status AutoID" (added additional sub statuses and sub status reasons)
15.05.2023	Added "eID card for Union citizenz and EEA nationals" as document type that can be used for eID identifications
21.04.2023	Added notes explaining fields that are not contained in eID chip's data set in IdentificationDocumentResult and marked field title in ContactDataResult as deprecated
10.03.2023	Generalized "POSTIDENT with German national identity card (eID)" to "POSTIDENT with Online ID function (eID)" / added "German electronic residence title" to be explicitly mentiond for eID
18.11.2022	Added clarifications concerning UTF-8 encoding of result JSON.
03.11.2022	Added clarifications concerning population of objects in result data, extended examples.
19.10.2022	Added new field videoRecordingDeliveryShaft to AdditionalDataVideo (Rel. 9.0) and removed type 'videochatrecording' and fileName videochatrecording: <caseld>_videochatrecording.webm from RecordResult in Chapter Result Data (Rel. 10.0).
07.10.2022	AutoID: subStatusReason 814 changed and new subStatusReasons 824, 825 added (Rel. 10.0)
07.08.2022	AutoID: new subStatus 87 and subStatusReasons 821, 822, 823 added (Rel. 9.0)
25.04.2022	New identification method AutoID added
09.03.2022	New sub status reasons 205, 206, 207 for postident video incomplete
07.10.2021	New webhook source IP address 156.137.9.65
14.09.2021	Maximum number of cases for archive request added
16.04.2021	couponByTpAppRequestCount and couponByTpAppRequestLastTimestamp added in AdditionalDataBasic eIDAS identification class added
12.01.2021	Salutation no longer filled (Rel 6.4), field salutation will be removed (Rel. 6.5) Sub Status Reason for basic status "declined" added (new with release 6.4)
23.11.2020	Scan removed, identification status "cancelled" removed, MultiTiff removed
23.09.2020	Sub Status Reason 121 for video status "declined" added (new with release 6.2)
14.09.2020	Sub Status and Sub Status Reason for eID status "incomplete" and "declined" added (new with release 6.2)
20.04.2020	Identification Status eID "cancelled" changed to "declined"
06.04.2020	Description of the object identificationResult corrected

18.02.2020	Field nationality with additional user assigned code-elements XXA, XXB, XXC, XXX added
10.02.2020	Sub Status and Sub Status Reason informations for status 'incomplete' added
14.01.2020	postOfficeStreetAddress and PostOfficeCity added in additionalDataBasic usersignature added in RecordResult
05.08.2019	Available result data and records for TKG modified
04.06.2019	Release 5.3 changes (release date: 02.07.2019): <ul style="list-style-type: none"> ▪ New Substatus 19 in result data added ▪ New field tanChannel added ▪ Renaming nPA to eID
05.04.2019	Release 5.2 changes (release date: 07.05.2019): New Substatus 17 and 18 in result data added
01.02.2019	IdentificationDocumentResult "type" new values 6 - 12 added in description
29.01.2019	RecordResult "videochatrecording" added
28.01.2019	Process description with client and partner added Reference ID via Webhook added
04.12.2018	Parameter to get BASE64 encoded result PDF corrected Minor editorial corrections Requests to retrieve status data for a single case and for a list of cases added
19.07.2018	Webhook source IPs added
07.05.2018	Minor editorial corrections
24.04.2018	Identification status 'cancelled' added (method basic), recordType 'piformsignature' added, minor editorial corrections
26.02.2018	Minor editorial corrections
16.10.2017	Document renamed to "SCR-Ident API Guide 2 Result", minor editorial chances
26.09.2017	Description of data objects added
05.09.2017	Editorial improvements
16.08.2017	"SCR API Guide 2 Result Standard/GwG/TKG" and "SCR API Guide 2 Result Photo" merged

1. Overview

Clients can access the results of their identification cases in several ways:

- 1) Manually through a client portal (Auskunftsportal)
- 2) Programmatically through a SFTP service
- 3) Programmatically through the Standard Connect & Results REST API (SCR-Ident, focus of this document)

Definitions

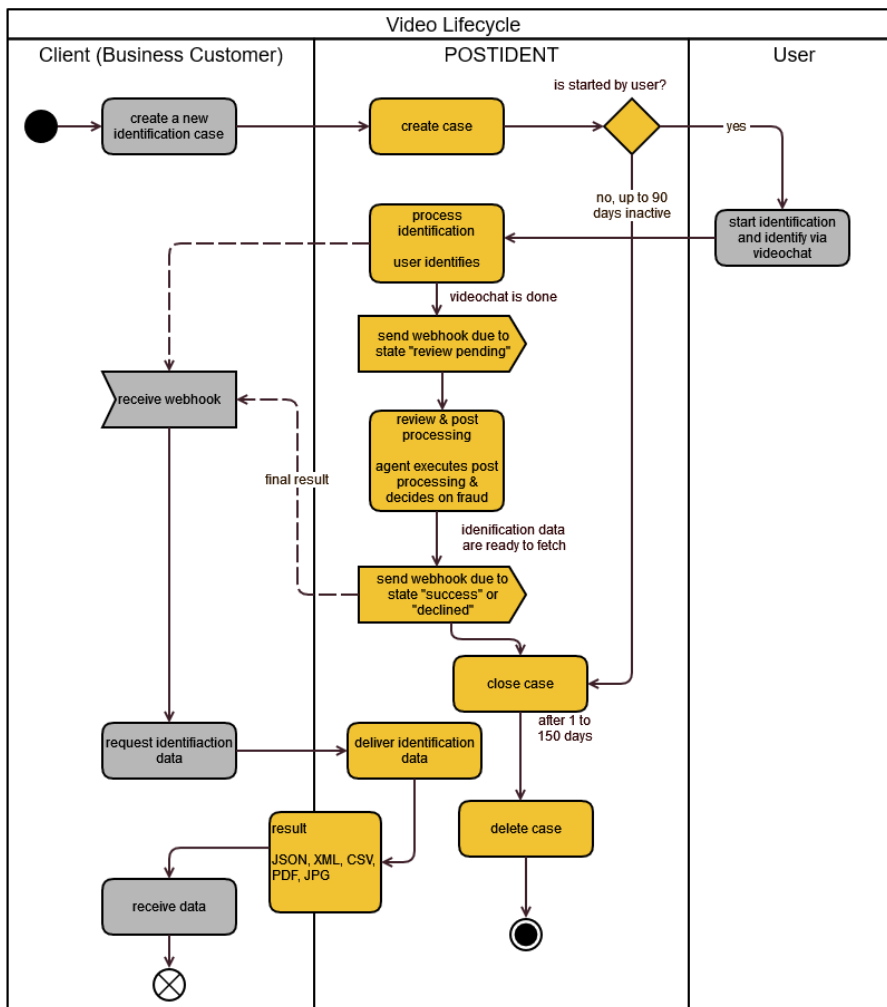
English	German	Description
---------	--------	-------------

client	Geschäftskunde, Auftraggeber	Business customer which is the principal for the identification process
clientId	Client ID	Identifier for a client to get access to POSTIDENT API
user	ZiP, Endkunde	Private customer who wants to be identified
case	Vorgang	Container for an identification process; may contain one or more identifications of a user
identification	Identifikation	Identification attempt using a POSTIDENT identification method
Identification method	POSTIDENT Verfahren	Method being used for a POSTIDENT identification (alphabetical order) <ul style="list-style-type: none"> • POSTIDENT in a Post Office (basic) • POSTIDENT via AutoID • POSTIDENT via Photo • POSTIDENT via Videochat (video) • POSTIDENT with Online ID function (eID)
partner	Partner	Partner can process the identification frontend process for the client

2. Lifecycle of an Identification

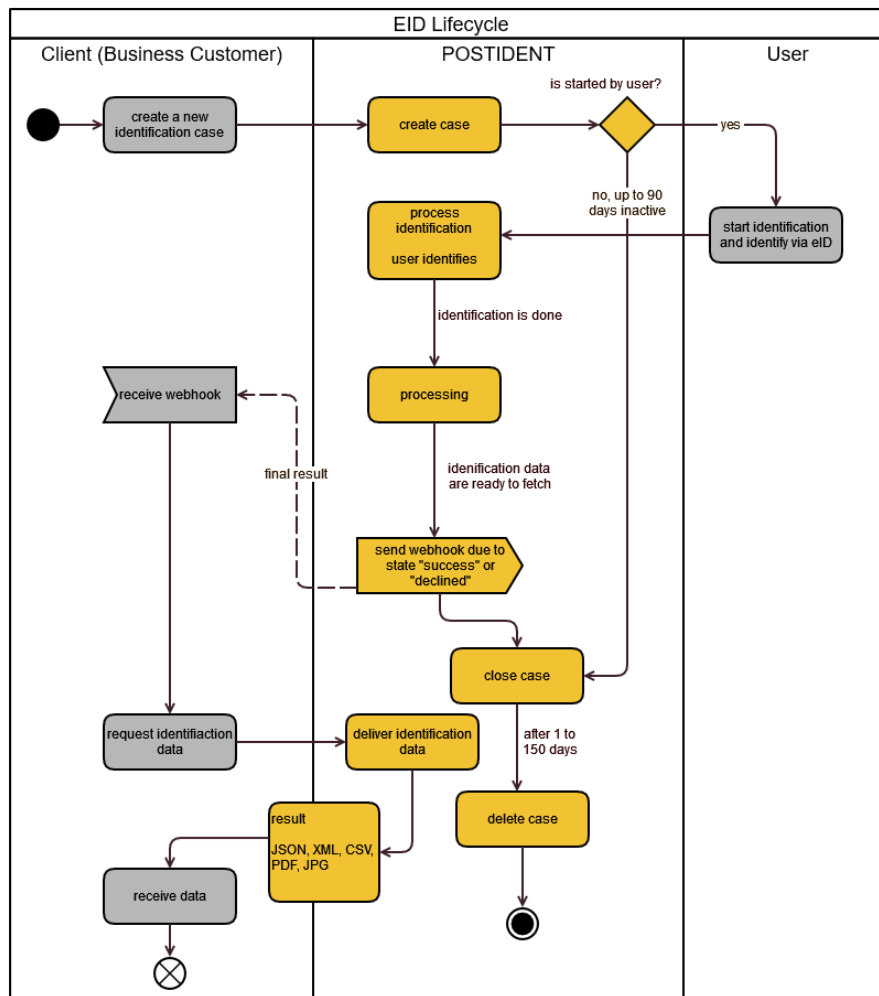
Overview

Lifecycle of Video Identification



*) Grey boxes describe client or user actions; yellow boxes represent POSTIDENT actions.

Lifecycle of eID Identification

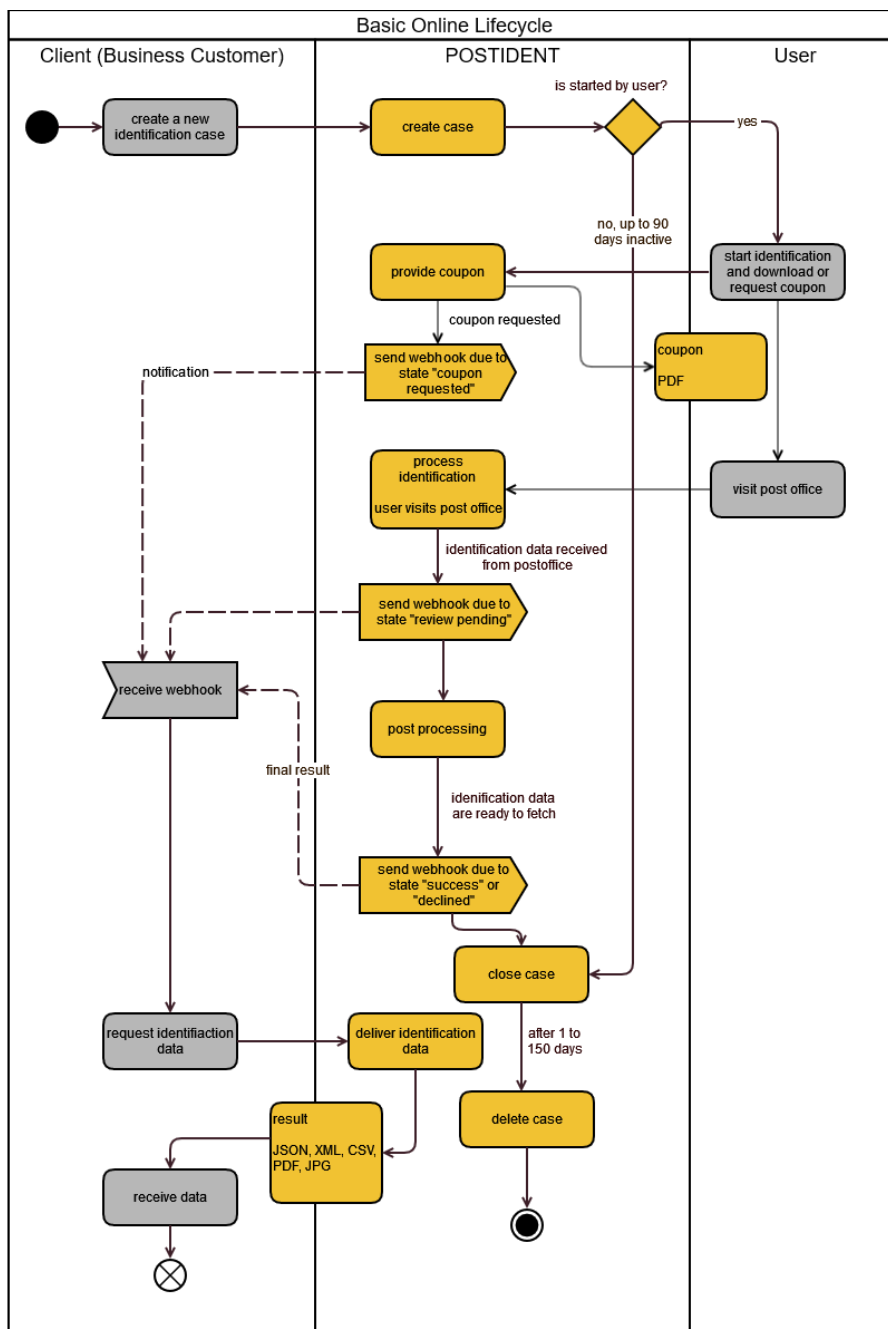


*) Grey boxes describe client or user actions; yellow boxes represent POSTIDENT actions.

Lifecycle of Basic Identification

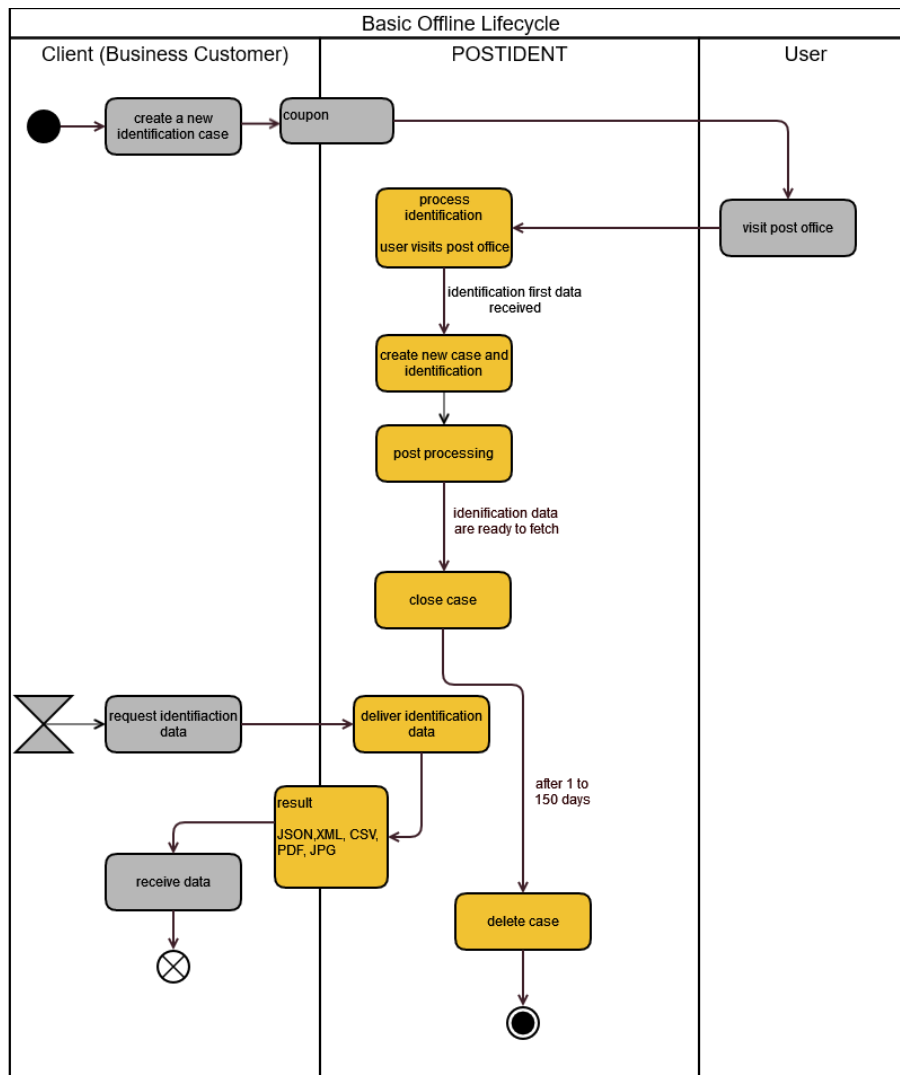
Basic identifications can run in two ways. The first way starts with creating an identification case online in the POSTIDENT system and receiving a coupon from there, hence this way is called Basic Online. The second way starts with a coupon generated by the client (business customer), so this way is called Basic Offline. The first way should be the standard case.

Lifecycle Basic Online



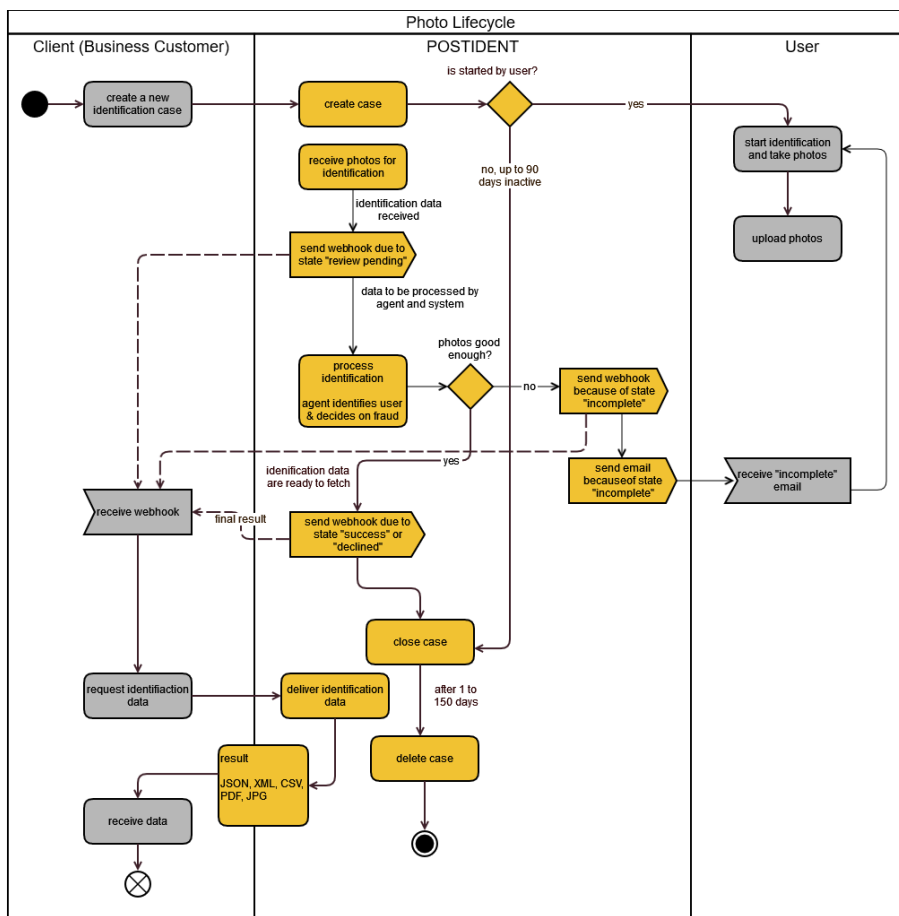
*) Grey boxes describe client or user actions; yellow boxes represent POSTIDENT actions.

Lifecycle Basic Offline



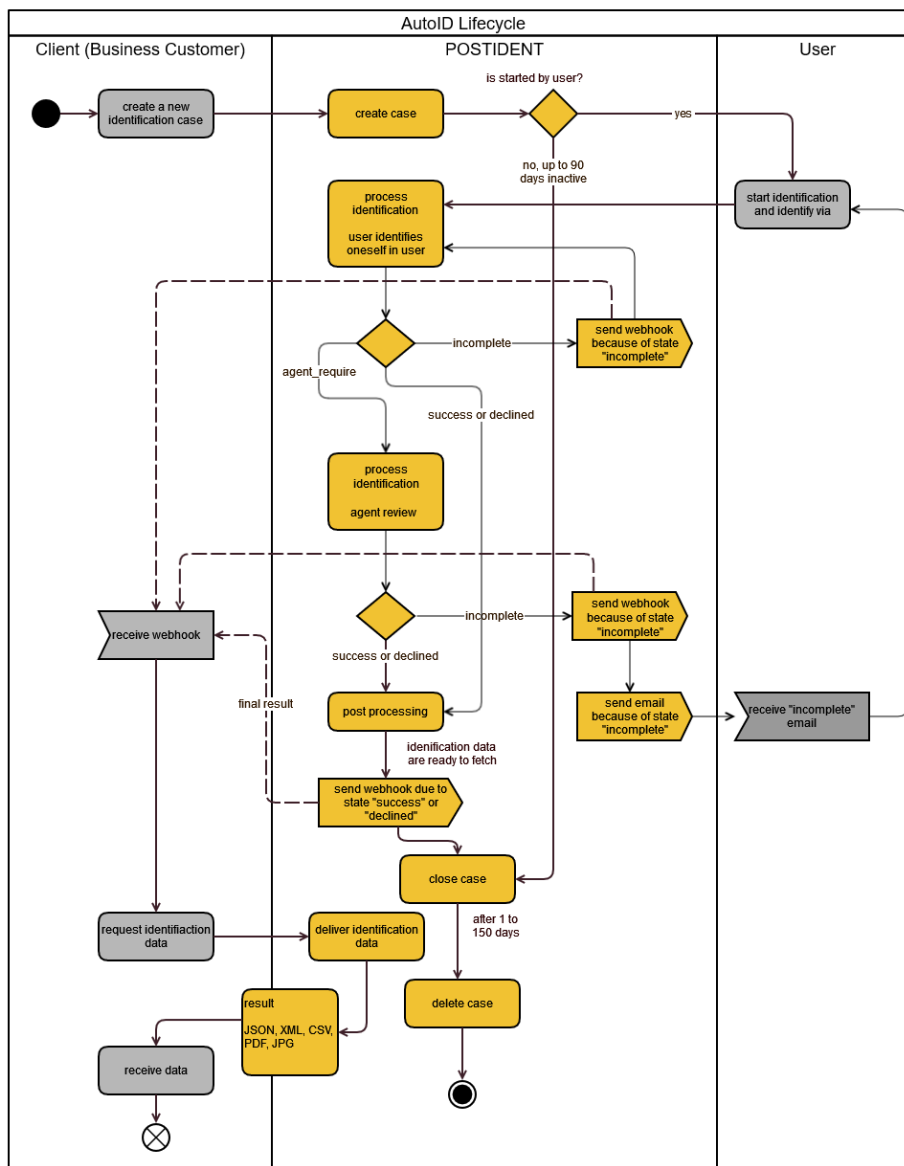
*) Grey boxes describe client or user actions; yellow boxes represent POSTIDENT actions.

Lifecycle of Photo Identification



*) Grey boxes describe client or user actions; yellow boxes represent POSTIDENT actions.

Lifecycle of AutoID Identification



E-Mail Communication

By default, the POSTIDENT system informs the user on several occasions by email.

In case you want to take over the email communication by yourself, your account can be configured to suppress these emails.

Push-Notifications via Webhook

You can receive a push notification each time a notification status or preliminary or final result is achieved.

The webhook feature must be activated for your account.

Redirect / Callback URLs

You can redirect the user back to a landing page on your web server or to your app when a certain endpoint in the identification process is reached.

See section [Redirect/Callback URLs](#) below for details.

Result PDF

You can retrieve a result PDF for final results.

The result PDF feature must be activated for your account.

For more details see "Result PDF (Guide)".

Summary

The workflows for video/eid/basic differ fundamentally from the photo workflow; hence there are two summaries.

Summary for basic/eid/video:

Case Status	Identification Status	Status Type	Re-entry E-Mail by PI System ¹⁾	Webhook ²⁾	Return to client (several CallbackURLs) ³⁾	Result PDF ⁴⁾	Videochat Recording (video)
new			x				
in progress	started						
in progress	coupon requested (basic)	notification		x	x (basic)		
in progress	incomplete						
in progress	review pending (video, basic)	preliminary		x	x (video)		
closed	success	final		x	x (video, eid)	x	x
closed	declined	final		x	x (video, eid)	x	x ⁵⁾

1) Can be deactivated for your account (= clientId)

2) Must be activated for your account (= clientId); activation of single status types is possible (e.g. only final)

3) Pls. refer to SCR API Guide 1 Start

4) Must be activated for your account

5) only in case of fraud suspicion

Summary for autoid/photo:

Case Status	Identification Status	Status Type	Re-entry E-Mail by PI System ¹⁾	Webhook ²⁾	Return to client after photo upload (CallbackURL review pending) ³⁾	Return to client when no identification method remains available after cancellation ⁴⁾ (CallbackURL cancelled and closed)	Result E-Mail from agent by PI System ¹⁾ (CallbackURL succ./decl.) ³⁾	Result PDF ⁵⁾
new			x					
in progress	started							
in progress	review pending	notification		x	x			
in progress	incomplete	notification		x			x	
in progress / closed	cancelled	cancelled		x (autoid)		x (autoid)		
closed	success	final		x			x	x
closed	declined	final		x			x	x

1) Can be deactivated for your account (= clientId)

2) Must be activated for your account (= clientId); activation of single status types is possible (e.g. only final)

3) Pls. refer to SCR API Guide 1 Start

4) Only applies, if identification method is cancelled (e.g. due to repeated cancellations by the user) and no

5) For use in E-Mail to user sent by PI-system and no other identification method remains available to the user due to configuration and /or possible cancellations of other identification methods, leading to the closure of the case.

3. Identification Classes

POSTIDENT supports different identification classes. Which class has to be used depends on your business case and the regulatory conditions.

- **GwG (German Anti-Money Laundering Act)**
The business is subject to the Anti-Money Laundering Act.
- **TKG**
The business is subject to the German telecommunication law.
- **eIDAS (Electronic Identification And Trust Services)**
The business is subject to the eIDAS.
- **Standard**
There are no special legal regulations for the business. Standard data privacy regulations apply.
- **Mobility**
Same as Standard, tailored to car-sharing companies.

The class limits the scope of the result data. Please see section [Result Data](#) for details.

4. Result Status

An identification runs through several states. A state may consist of up to three attributes:

- **Identification Status**
Describes the high level status
- **Substatus**
Gives more details about the status
- **Substatus Reason**
Describes the reason for status and substatus

Identification Status Video

This table provides an overview about all states of a video identification.

Identification Status	Status Type	Description	Sub Status	Sub Status Reason	Images
started	-	Identification created. User has to initiate a videochat. Afterwards videochat in progress.	-	-	-

incomplete	-	Videochat could not be completed (e.g. because the identification document submitted by the user had expired). The identification can be restarted by the user (e.g. with another valid identification document).	<ul style="list-style-type: none"> • 51 Language problems • 52 Insufficient video quality (security features cannot be verified or identification document unreadable) • 53 Identification document has expired • 54 Unsupported identification document • 55 Problem with TAN • 56 Identification document damaged • 57 Cancellation in queue • 58 Problem with video chat recording • 97 Cancellation by user • 98 Cancellation for technical reasons • 99 Cancellation for other reasons 	<ul style="list-style-type: none"> • 200 Video only, no audio • 201 Audio only, no video • 202 Videochat recording not possible • 203 Videochat recording faulty • 204 Videochat recording with other problem • 205 Videochat recording faulty due to max queue size reached • 206 Videochat recording faulty due to too many chunks lost • 207 Videochat recording faulty due to agent disallowing screen share function (e.g. pressing stop button) • 520 Pixelated/blurry /no autofocus /mirrored • 523 Bad lighting conditions • 525 User has problems with camera • 550 User did not enter correct TAN • 570 Cancellation in queue by system • 971 Cancellation in queue by user • 972 User has hung up • 973 Timeout at user • 974 Timeout in app because in background • 980 Connection quality • 981 Video cannot be accepted • 982 Video and audio are not established • 985 User did not receive TAN • 986 Sudden disconnection • 987 Frozen image • 988 Timeout in queue • 989 Other technical reason for cancellation • 990 User uncooperative • 991 User operating error • 992 Case belongs to different person • 998 Other reason for cancellation 	-
review pending	preliminary	Videochat finished. Now post processing (blackening of photos, additional review in case of fraud suspicion, automatic generation of result data) in progress.	<ul style="list-style-type: none"> • - • 11 Fraud suspicion (e. g. nonsense, nude photos) • 15 Abuse 	-	-
success	final	Identification completed successfully. The case is closed and can not be restarted.	-	-	<ul style="list-style-type: none"> • idfrontside (only GwG / TKG) • idbackside (only GwG / TKG) • userface (only GwG)

declined	final	Identification declined because of fraud suspicion. The case is closed and can not be restarted.	<ul style="list-style-type: none"> 11 Fraud suspicion 	<ul style="list-style-type: none"> 110 Identification document possibly forged 111 Person does not match photo 112 Multiple identity checks for single person 113 Multiple persons present 119 Other reason for fraud suspicion 121 Social engineering 	<ul style="list-style-type: none"> idfrontside (only GwG / TKG) idbackside (only GwG / TKG) userface (only GwG)
declined	final	Identification declined because of abuse. The case is closed and can not be restarted.	<ul style="list-style-type: none"> 15 Abuse (e. g. nonsense, nude photos) 	-	-
declined	final	Identification declined automatically because case ID expired or case URL started too often. The case is closed and can not be restarted.	<ul style="list-style-type: none"> 12 Operation valid time frame exceeded (case ID) 19 Identification with unrecoverable data problem in videochat recording 99 Cancellation for other reason 	<ul style="list-style-type: none"> 120 Videochat recording missing or faulty 	-

Identification Status eID

This table provides an overview about all states of an eID identification (German identity card, German electronic residence title or eID card for Union citizens and EEA nationals).

Identification Status	Status Type	Description	Sub Status	Sub Status Reason
started	-	Identification created. User has to use a reading device in order to capture the data from his or her identity card.	-	-

incomplete	-	Identification could not be completed (e.g. because the identification document submitted by the user had expired). The identification can be restarted by the user (e.g. with another valid identification document).	<ul style="list-style-type: none"> • 53 Identification document has expired • 54 Identification document not supported • 59 Identification document invalid • 60 eID unknown error • 61 eID problem with authentication / PIN • 62 eID problem reading card • 63 eID problem with eID server • 97 Cancellation by user • 98 Cancellation for technical reasons • 99 Cancellation for other reasons 	<ul style="list-style-type: none"> • 591 ID card with invalid certificate (e.g. test ID card) • 592 ID card does not provide all of the required data • 600 eCardAPI reports unknown error • 610 Error in eID client • 611 Incomplete data from PIN or card • 612 Authentication failed • 613 PIN entered incorrectly too often • 614 PIN deactivated • 620 Error in communication between Ecard client (browser) and card reader • 621 Error in communication between eID client (app) and card • 622 Chip card error • 623 Card slipped / not readable / removed • 630 eID server not operational • 631 eID client cannot communicate with eID server • 973 Timeout at user • 974 Timeout in app because in background • 975 User cancelled eID attempt • 998 Other reason for cancellation
success	final	Identification completed successfully. The case is closed and can not be restarted.	-	-
declined	final	Identification declined and can not be restarted. The case is closed and can not be restarted.	<ul style="list-style-type: none"> • 11 Fraud suspicion 	<ul style="list-style-type: none"> • 122 Identification document blocked by authorities

Identification Status Basic

This table provides an overview about all states of a basic identification.

Identification Status	Status Type	Description	Sub Status	Sub Status Reason	Images
started	-	Identification created. User has to request a coupon.	-	-	-
coupon requested	notification	Coupon requested from POSTIDENT system, e.g by download or by email.	-	-	-

incomplete	-	Identification in post office finished, but identification could not be completed (e.g. because the identification document submitted by the user had expired). The identification can be restarted by the user (e.g. with another valid identification document).	<ul style="list-style-type: none"> 53 Identification document has expired 54 Unsupported identification document 70 Error in the printed form data 71 User rejects document scan 97 Cancellation by user 98 Cancellation for technical reasons 	-	-
review pending	preliminary	Identification in post office finished. Now POSTIDENT system is waiting for data from postoffice. Afterwards post processing (automatic generation of result data) in progress.	-	-	-
success	final	Identification completed successfully. The case is closed and can not be restarted.	-	-	<ul style="list-style-type: none"> images of identification document (only GwG / TKG)
declined	final	Identification declined because of fraud suspicion. The case is closed and can not be restarted.	<ul style="list-style-type: none"> 11 Fraud suspicion 	<ul style="list-style-type: none"> 115 No matching signature (deprecated: no longer used since 2020) 116 No matching photo 	<ul style="list-style-type: none"> images of identification document (only GwG / TKG)
declined	final	Identification declined because of abnormal findings. The case is closed and can not be restarted.	<ul style="list-style-type: none"> 16 Identification with abnormalities 	<ul style="list-style-type: none"> 114 Document shows abnormalities 117 Inconsistencies with date of expiry 112 Multiple identity checks for single person 113 Multiple persons present 123 Multiple identity checks for single person over longer period of time 	-
declined	final	Identification declined automatically because case ID expired. The case is closed and can not be restarted.	<ul style="list-style-type: none"> 12 Operation valid time frame exceeded (case ID) 	-	-
declined	final	Identification declined automatically due to unrecoverable data problem. The case is closed and can not be restarted.	<ul style="list-style-type: none"> 17 Identification with unrecoverable data problem in identification document 	<ul style="list-style-type: none"> 118 Images of document not received 	-

Identification Status Photo

This table provides an overview about all states of a photo identification. In this method, additional status information is provided on record level.

Identification Status	Status Type	Description	Sub Status	Additional Info: Record Status	Images
started	-	Identification created. User has to capture and upload photos.	-	-	-
review pending	notification	Photos uploaded by user. Now review by agent and post processing (automatic generation of result data) in progress.	-	-	-
incomplete	notification	Identification could not be completed based on uploaded photos (e.g. because the identification document submitted by the user had expired). The identification can be restarted by the user (e.g. with another valid identification document).	<ul style="list-style-type: none"> 31 Identification document or driving licence not supported 32 Identification document or driving licence expired 33 Document or person not clearly identifiable 34 Image or video quality insufficient 	Record Status <ul style="list-style-type: none"> identification: 1x identification document: 2x driving licence: 2x 	-
success	final	Identification completed successfully. The case is closed and can not be restarted.	-	Record Status <ul style="list-style-type: none"> identification: 1x identification document: 2x driving licence: 2x 	-
declined	final	Identification declined because of fraud suspicion. The case is closed and can not be restarted.	<ul style="list-style-type: none"> 11 Fraud suspicion 	Record Status <ul style="list-style-type: none"> identification: 1x identification document: 2x driving licence: 2x 	-
declined	final	Identification declined because of abuse. The case is closed and can not be restarted.	<ul style="list-style-type: none"> 15 Abuse (e.g. nonsense, nude photos) 	-	-
declined	final	Identification declined automatically because case ID expired or case URL started too often. The case is closed and can not be restarted.	<ul style="list-style-type: none"> 12 Operation valid time frame exceeded (case ID) 	-	-



Record Images

Images of the identification document are **not** provided to the client (business customer).

Record Status Photo

validationStatus	validationSubStatus	validationRemark
unchecked	-	
valid	-	

invalid	<ul style="list-style-type: none"> • document not supported¹⁾ • document not identifiable¹⁾ • document expired¹⁾ • fraud suspicion¹⁾ • abuse¹⁾ • person not identifiable • bad exposure • too blurry • partly concealed • picture detail not sufficient 	Additional note of agent on substatus (optional)
---------	--	--

1) Always uniformly set for all records of a document

Identification Status AutoID

This table provides an overview about all states of an autoid identification.

Identification Status	Status Type	Description	Sub Status	Sub Status Reason	Images
started	-	Identification created. User has to initiate an autoident. Afterwards autoident in progress.	-	-	-
review pending	-	User-Machine interaction finished, images and recordings uploaded by user. Additional agent required to determine result.	-	-	-
incomplete	notification	Identification could not be completed based on uploaded images and recordings (e.g. because the identification document submitted by the user had expired). The identification can be restarted by the user (e.g. with another valid identification document).	<ul style="list-style-type: none"> • 80 Problem with recordings • 81 Problem with document • 82 Problem with result data • 83 Incomplete other • 85 Abort due to technical problem • 86 Abort due to connection problem • 87 Problem with person • 97 Cancellation by user 	<ul style="list-style-type: none"> • 800 User has cancelled • 801 Recordings not complete • 802 Quality of one or more recordings too poor • 803 Document not recognized • 804 Document not supported • 805 Document damaged • 806 Document covered • 807 Document expired • 808 Address not complete • 809 Other technical problem during identification attempt • 810 Ident /case already finished • 811 Incomplete other reason • 817 Technical problem with recorded files • 818 Backend cannot finish identification attempt • 819 Problem with WebSocket connection • 820 Data fields from document not complete 	-

				<ul style="list-style-type: none"> • 821 Problem with agent result • 822 Cancelled by automatic cleanup • 823 Liveness check not sufficient • 824 Security features not recognisable well enough • 825 Once no serious attempt to identify • 826 No document captured • 827 Wrong document page captured • 828 Device moved instead of document • 829 Device moved instead of person • 831 Problem with review result • 832 Residence permit no ID card substitute • 973 Timeout at user • 974 Timeout in app because in background 	
cancelled	cancelled	Identification by this identification method was cancelled. If other identification methods remain available, i.e. are configured for the account used to initiate the identification and have not reached a cancelled status, the case remains in progress allowing the user to switch to the remaining identification method(s). If no further identification method remains, the case is closed and can not be restarted.	<ul style="list-style-type: none"> • 94 Cancellation by this ident 	<ul style="list-style-type: none"> • 900 Maximum number of cancellations by user exceeded 	
success	final	Identification completed successfully. The case is closed and can not be restarted.	-	-	-
declined	final	Identification declined because of one of the substatus or substatus reasons. The case is closed and can not be restarted.	<ul style="list-style-type: none"> • 11 Fraud suspicion • 15 Abuse • 84 Declined other 	<ul style="list-style-type: none"> • 830 Identification document from copy instead of original • 110 Identification document possibly forged • 111 Person does not match photo • 113 Multiple persons present • 119 Other reason for fraud suspicion • 814 Repeatedly no serious attempt to identify • 815 Inappropriate content in recordings • 816 Declined other reason 	-

declined	final	Identification declined automatically because case ID expired or case URL started too often. The case is closed and can not be restarted.	<ul style="list-style-type: none"> 12 Operation valid time frame exceeded (case ID) 	-	-
----------	-------	---	--	---	---



Record Images

Images of the identification document are **not** provided to the client (business customer).

5. Webhook

When this feature is activated for your account, you can receive a push notification each time when a notification, preliminary or final result is achieved. It is configurable for which of this events the webhook should be triggered and if webhook contains your reference ID.

For this purpose the POSTIDENT system sends a POST request (from IPs 165.72.200.13, 199.40.127.49 or 156.137.9.65) to the webhookURL parameter provided by your initial call to start the case (see SCR-Ident API Guide Start). Please note, that the webhookURL must not contain GET parameters (e.g. <https://foo.bar.com/postident/callback?ref=123>), since the REST standard prohibits the mixing of GET and POST parameters. If desired, HTTP Basic Authentication can be configured for your client id. Self-signed TLS certificates are not supported.

The POST request contains application/json with the case ID and reference ID if configured:

```
{
  "caseId": "<caseId>",
  "referenceId": "<referenceId>"
}
```

You can use this notification to automatically trigger a GET request with the REST API to retrieve the current result of this case ID.

The POSTIDENT system expects http-status code 200 within 2 seconds, otherwise the POSTIDENT system retries up to 3 times.

- The first retry is executed immediately after the first one
- The second retry 900 Seconds after the first retry
- The last retry is initiated 3600 Seconds after the second retry



Note

If you want to use this feature, your domain has to be added to the whitelist in our communications infrastructure. This typically takes 7 working days. You can vary the url after the domain as you like.

6. Redirect/Callback URLs

With this feature you can redirected the user to a custom URL on your web server or, in case of a mobile device, back to your app.

You can provide the CallbackURLs in your initial call (see SCR-Ident API Guide Start).

For video:

- Parameter: `callbackUrlSuccess`: If provided, a button will be displayed at the respective point during the identification process, containing the link back to your web server or app.



Example

You provide for video the URL <https://www.mycompany.com/videoReviewPending.html>

After the end of the videochat with the agent, the result page of the POSTIDENT portal displays a button which redirects the user to this landing page.

For eID:

- Parameter: `callbackUrlSuccess`, `callbackUrlDeclined`: If provided, a button will be displayed at the respective point during the identification process, containing the link back to your web server or app.

For basic:

- Parameter: `callbackUrlCouponRequested`: If provided, a button will be displayed at the respective point during the identification process, containing the link back to your web server or app.

For photo:

- Parameter `callbackUrlReviewPending`: If provided, a button will be displayed at the respective point during the identification process, containing the link back to your web server or app.
- Parameters `callbackUrlSuccess`, `callbackUrlDeclined`: If provided and if your account in PI system is configured to send emails, the notification mail for the user will contain this url.

For autoID:

- Parameter `callbackUrlReviewPending`: If provided, a button will be displayed at the respective point during the identification process, containing the link back to your web server or app.
- Parameter `callbackUrlCancelledAndClosed`: If provided, a button containing the link back to your web server or app will be displayed in case the identification method autoID is cancelled (e.g. due to repeated cancellations by the user) and no other identification method remains available to the user due to configuration and/or possible cancellations of other identification methods, leading to the closure of the case.
- Parameters `callbackUrlSuccess`, `callbackUrlDeclined`: If provided and if your account in PI system is configured to send emails, the notification mail for the user will contain this url or a button with this link is included in postident app.

7. REST API

Overview

With the REST API you can

- retrieve a single case by case ID (e.g. when triggered by a webhook notification)
- retrieve a list of available cases for a client ID, filtered by status and time interval (e.g. current results of the last 24 hours)
- mark cases as archived

Preconditions

During setup you should have received

- `clientId`
- username and password for the REST API (required for authentication)
- data password for the payload encryption

Details

Protocol

HTTPS is used to ensure that all parameters are encrypted.

Host

Environment	URL
integration	on demand
production	postident.deutschepost.de

Path

`/api/scr/{version}/{clientId}/cases`

The URI contains the following elements:

Element	Description	Example
version	Use "v1"	v1
clientid	Provided by Deutsche Post. Uniquely identifying your access to the API. Format: alphanumeric, uppercase (case sensitive).	1234ABCD

Example:

```
GET /api/scr/v1/1234ABCD/cases
```

Authentication

HTTPS and Basic Auth (RFC 2617) are used for the authentication. Username and password must be transmitted in the HTTP header according to Basic Auth.

Header

Field	Mandatory	Content
Content-Type	Yes	application/json
Authorization	Yes	Basic <encoded username and pw>

Retrieve a single case

A case may contain several identifications with different methods. The **primary identification** of a case is the identification with the most progress.

Retrieve identification data for a single case

Paths:

- GET/{clientId}/cases/{caseId}/ => with primary identification only
- GET/{clientId}/cases/{caseId}/full => with all identifications

The following optional content parameters can be used:

Parameter	Default	Description
includeBinaryData	false	Toggles inclusion of BASE64 encoded data for binary objects (e.g. images). Alternatively, the binary records can be provided via SFTP. To get BASE64 encoded result PDF (human readable representation of the identification result) the parameter includeResultPdf must also be set, see the sample request below. Alternatively, the result PDF can be provided via SFTP
includeResultPdf	false	Toggles inclusion of data about the result PDF (the parameter includeBinaryData must be true).

Sample Request and Response

Request to retrieve a single case by case ID with result pdf and images:

```
GET /api/scr/v1/1234ABCD/cases/YR9W91GEZK24?includeResultPdf=true&includeBinaryData=true HTTP/1.1
Host: postident.deutschepost.de
Authorization: Basic R0s0Mi5TQ1I6cEpzZW43NWh3biF0
```

Response with successful video ident (without binary data):

Case Object

```
{
  "caseId": "YR9W91GEZK24",
  "caseStatus": {
    "created": "2016-07-05T18:23:15+02:00",
    "modified": "2016-07-05T18:29:00+02:00",
    "archived": false,
    "validUntil": "2016-10-03T18:24:02+02:00",
    "status": "closed"
  },
  "orderData": {
    "customData": {
      "custom1": "REF_101485489",
      "custom2": "Kampagne A357"
    },
    "processData": {
      "targetCountry": "DEU",
      "preferredLanguage": "DE_DE",
      "webHookUrl": "https://musterbank.eu/api/pi/webhooklistener",
      "referenceId": "YR9W91GEZK24",
      "callbackUrlCouponRequested": {
        "webUrl": "https://musterbank.eu/picallback/coupondownloaded.html"
      },
      "callbackUrlReviewPending": {
        "webUrl": "https://musterbank.eu/picallback/reviewpending.html"
      },
      "callbackUrlIncomplete": {
        "webUrl": "https://musterbank.eu/picallback/incomplete.html"
      },
      "callbackUrlSuccess": {
        "webUrl": "https://musterbank.eu/picallback/success.html"
      },
      "callbackUrlDeclined": {
        "webUrl": "https://musterbank.eu/picallback/declined.html"
      }
    },
    "contactDataProvided": {
      "firstName": "Erika",
      "lastName": "Mustermann",
      "address": {
        "city": "Köln",
        "streetAddress": "Heidestr. 17",
        "postalCode": "51147",
        "country": "DEU"
      }
    },
    "identificationDocumentProvided": {
      "birthName": "Gabler",
      "nationality": "DEU",
      "firstName": "Erika",
      "lastName": "Mustermann",
      "placeOfIssue": "",
      "countryOfDocument": "DEU",
      "birthDate": "1964-08-12",
      "birthPlace": "Berlin",
      "dateIssued": "2010-11-01",
      "dateOfExpiry": "2020-10-31",
      "address": {
        "city": "Köln",
        "streetAddress": "Heidestr. 17",
        "postalCode": "51147",
        "country": "DEU"
      },
      "type": "1",
      "authority": "Stadt Köln",
      "number": "T01012148"
    }
  }
}
```



```

    },
    "contactData": {
      "title": {},
      "firstName": {
        "value": "Erika",
        "status": "match"
      },
      "lastName": {
        "value": "Mustermann",
        "status": "match"
      },
      "mobilePhone": {
        "value": "011111111111",
        "status": "new"
      },
      "email": {
        "value": "erika.mustermann@deutschepost.de",
        "status": "new"
      },
      "epost": {},
      "address": {
        "city": {
          "value": "Köln",
          "status": "match"
        },
        "streetAddress": {
          "value": "Heidestr. 17",
          "status": "match"
        },
        "appendix": {},
        "postalCode": {
          "value": "51147",
          "status": "match"
        },
        "country": {
          "value": "DEU",
          "status": "match"
        }
      }
    },
    "accountingData": {
      "accountingNumber": "11235813523701",
      "accountingProduct": "Postident Video"
    },
    "primaryIdent": {
      "identificationDocument": {
        "records": [
          {
            "mimeType": "image/jpeg",
            "recordId": "63352000",
            "belongsTo": "identificationdocument",
            "type": "idfrontside",
            "fileName": "YR9W91GEZK24_idfrontside.jpg"
          },
          {
            "mimeType": "image/jpeg",
            "recordId": "63352001",
            "belongsTo": "identificationdocument",
            "type": "idbackside",
            "fileName": "YR9W91GEZK24_idbackside.jpg"
          },
          {
            "mimeType": "image/jpeg",
            "recordId": "63352002",
            "belongsTo": "identificationdocument",
            "type": "idsignature",
            "fileName": "YR9W91GEZK24_idsignature.jpg"
          }
        ]
      }
    }
  ],

```

```

"birthName": {
  "value": "Gabler",
  "status": "match"
},
"nationality": {
  "value": "DEU",
  "status": "match"
},
"firstName": {
  "value": "Erika",
  "status": "match"
},
"lastName": {
  "value": "Mustermann",
  "status": "match"
},
"placeOfIssue": {
  "value": "",
  "status": "match"
},
"countryOfDocument": {
  "value": "DEU",
  "status": "match"
},
"birthDate": {
  "value": "1964-08-12",
  "status": "match"
},
"birthPlace": {
  "value": "Berlin",
  "status": "match"
},
"dateIssued": {
  "value": "2010-11-01",
  "status": "match"
},
"dateOfExpiry": {
  "value": "2020-10-31",
  "status": "match"
},
"address": {
  "city": {
    "value": "Köln",
    "status": "match"
  },
  "streetAddress": {
    "value": "Heidestr. 17",
    "status": "match"
  },
  "appendix": {},
  "postalCode": {
    "value": "51147",
    "status": "match"
  },
  "country": {
    "value": "DEU",
    "status": "match"
  }
},
"type": {
  "value": "1",
  "status": "match"
},
"authority": {
  "value": "Stadt Köln",
  "status": "match"
},
"number": {
  "value": "T01012148",

```

```

        "status": "match"
      }
    },
    "records": [
      {
        "mimeType": "image/jpeg",
        "recordId": "63351999",
        "belongsTo": "method",
        "type": "userface",
        "fileName": "YR9W91GEZK24_userface.jpg"
      }
    ],
    "identificationMethod": "video",
    "identificationStatus": {
      "identificationTime": "2016-07-05T18:27:25+02:00",
      "created": "2016-07-05T18:24:18+02:00",
      "modified": "2016-07-05T18:28:50+02:00",
      "status": "success"
    }
  }
}

```

Retrieve status data for a single case

Returns only case status data. Only the following data is returned for this:

- caseId
- caseStatus
- orderData (only customData)
- primaryIdent (only identificationMethod and identificationStatus)
- accountingData

Paths:

- GET/{clientId}/cases/{caseId}/status => with primary identification only
- GET/{clientId}/cases/{caseId}/status/full => with all identifications

Sample Response with successful video ident:

Case Object

```
{
  "caseId": "YR9W91GEZK24",
  "caseStatus": {
    "created": "2016-07-05T18:23:15+02:00",
    "modified": "2016-07-05T18:29:00+02:00",
    "archived": false,
    "validUntil": "2016-10-03T18:24:02+02:00",
    "status": "closed"
  },
  "orderData": {
    "customData": {
      "custom1": "REF_101485489",
      "custom2": "Kampagne A357"
    },
  },
  "accountingData": {
    "accountingNumber": "11235813523701",
    "accountingProduct": "Postident Video"
  },
  "identifications": [
    {
      "identificationMethod": "video",
      "identificationStatus": {
        "identificationTime": "2016-07-05T18:27:25+02:00",
        "created": "2016-07-05T18:24:18+02:00",
        "modified": "2016-07-05T18:28:50+02:00",
        "status": "success"
      }
    }
  ]
}
```

Retrieve a list of cases

List operation to get identification data

Paths:

- GET/{clientId}/cases => with primary identification only
- GET/{clientId}/cases/full => with all identifications

Optional filter parameters:

Parameter	Value	Default	Description	Example
new	true false	false	Delivers all cases with status new.	?new=true
inProgress	true false	false	Delivers all cases with status in progress.	?inProgress=true
closed	true false	true	Delivers all cases with status closed.	?closed=false
archived	true false	false	Includes all cases marked as archived	?archived=true
createdFrom	date	null	Delivers all cases created from given date. ISO 8601 shall be used as date format.	?createdFrom=2016-12-26T00:00:00+02:00
createdUntil	date	null	Delivers all cases created until given date. ISO 8601 shall be used as date format.	?createdUntil=2016-12-28T00:00:00+02:00

closedFrom	date	null	Delivers all cases closed from given date. ISO 8601 shall be used as date format.	?closedFrom=2016-12-26T00:00:00+02:00
closedUntil	date	null	Delivers all cases closed until given date. ISO 8601 shall be used as date format.	?closedUntil=2016-12-28T00:00:00+02:00



Note

If at least one date parameter should be passed, the complete URL must be encoded.

For example:

`URLCoder.encode(" https://postident.deutschepost.de/api/scr/v1/XCLIENTIDX/cases/full?closedFrom=2017-06-25T13:30:01+02:00&closedUntil=2017-06-25T13:40:01+02:00 ", "UTF-8")`

The result of the command above is as followed:

`https%3A%2F%2Fpostident.deutschepost.de%2Fapi%2Fscr%2Fv1%2FXCLIENTIDX%2Fcases%2Ffull%3FclosedFrom%3D2017-06-25T13%3A30%3A01%2B02%3A00%26closedUntil%3D2017-06-25T13%3A40%3A01%2B02%3A00`

The list operation will return a maximum number of 1,000 cases per request without binary data. For receiving binary data and pdf the single call must be used.

The response contains http-ResponseHeader "X-PARTIAL-DELIVERY" = "true", whether there are additional cases available.

In order to retrieve the missing cases, already received cases should be archived to get the next cases by using GET request with archived=false.

Sample Request

Request to retrieve all cases closed between 2016-12-27 00:00:00 and 2016-12-28 00:00:00.

```
GET /api/scr/v1/1234ABCD/cases/?closedFrom=2016-12-27T00:00:00+02:00&closedUntil=2016-12-28T00:00:00+02:00 HTTP/1.1
Host: postident.deutschepost.de
Authorization: Basic R0s0Mi5TQ1I6cEpzZW43NWh3biF0
```

List operation to get case status data

Returns a list of filtered results equally to GET /{clientId}/cases **CONTAINING ONLY CASE STATUS DATA**. Only the following data is returned for this:

- caseId
- caseStatus
- orderData (only customData)
- primaryIdent (only identificationMethod and identificationStatus)
- accountingData

Paths:

- GET/{clientId}/cases/status => with primary identification only
- GET/{clientId}/cases/status/full => with all identifications

To filter the results you can use the parameters described above in the chapter "Optional filter parameters". Additionally you can use following optional parameter:

Parameter	Value	Default	Description	Example
maxResults	integer	null	Maximum number of results given	?maxResults=100

Sample Request

Request to retrieve all cases closed between 2016-07-05 00:00:00 and 2016-07-06 00:00:00.

```
GET /api/scr/v1/1234ABCD/cases/status/?closedFrom=2016-07-05T00:00:00+02:00&closedUntil=2016-07-06T00:00:00+02:00 HTTP/1.1
Host: postident.deutschepost.de
Authorization: Basic R0s0Mi5TQ1I6cEpzZW43NWh3biF0
```

Archiving cases

In order to reduce the length of the result list of GET cases, it is possible to archive cases by using the archive resource. This affects only closed cases. Cases with other status will be ignored. Already archived cases stay archived.



Note

Regardless of the archived flag, all cases will be deleted physically from PI System after a time limit. The time limit is configured with your account (= clientId) and can be a maximum of 150 days.

Path

- PATCH /api/scr/{version}/{clientId}/cases/archive

Body

It is possible to archive a list of cases at the same time. Therefore the body expects a list of caseIds separated by comma.

The maximum number of cases for one request is 10000. If the maximum number is exceeded, a bad request is sent.

```
[ "CaseID 1", "CaseID 2", ..., "CaseID n" ]
```

Sample Request and Response

Request to mark a single case as archived:

```
PATCH /api/scr/v1/1234ABCD/cases/archive HTTP/1.1
Host: postident.deutschepost.de
Authorization: Basic R0s0Mi5TQ1I6cEpzZW43NWh3biF0
Content-Type: application/json
[ "KRZ1A8M4UBZZ" ]
```

The response of the PI System contains a list of status objects, one for each updated case. For more information about the data contained, please see [section CaseStatus](#).

```
[
  {
    "caseId": "KRZ1A8M4UBZZ",
    "caseStatus": {
      "status": "closed",
      "archived": true,
      "validUntil": "2016-03-04T16:15:31+01:00",
      "created": "2016-01-10T10:05:00+01:00",
      "modified": "2016-01-11T15:30:00+01:00"
    }
  }
]
```

Errors

HTTP status codes in the response for error situations:

HTTP Status Code	Message	Possible Cause
401	Unauthorized	Wrong or missing authorization key, e.g. - Wrong or missing username or password - Client ID not found or not configured for usage of Standard Connect API
404	Not found	Case with caseId not found

Encryption

Asymmetrical encryption is used for the result data in the response body. The result data will be encrypted with a public key provided by you. The key is an additional parameter in the HTTP header of the GET requests. The cipher is transmitted in JWE format. You can decrypt the received data with your private key.

The payload of your requests is secured by the HTTPS connection. There is no further encryption supported by the POSTIDENT system.



Unencrypted Result Data in Test Environment

During the integration of the SCR-Ident API the encryption can be configured as optional. So the HTTP header fields "x-scr-key" and "x-scr-keyhash" can be omitted in your request. The response will not be encrypted.

If the headers are sent, the result will be encrypted.

In the productive environment the encryption is mandatory. It will be activated after a successful encryption test.

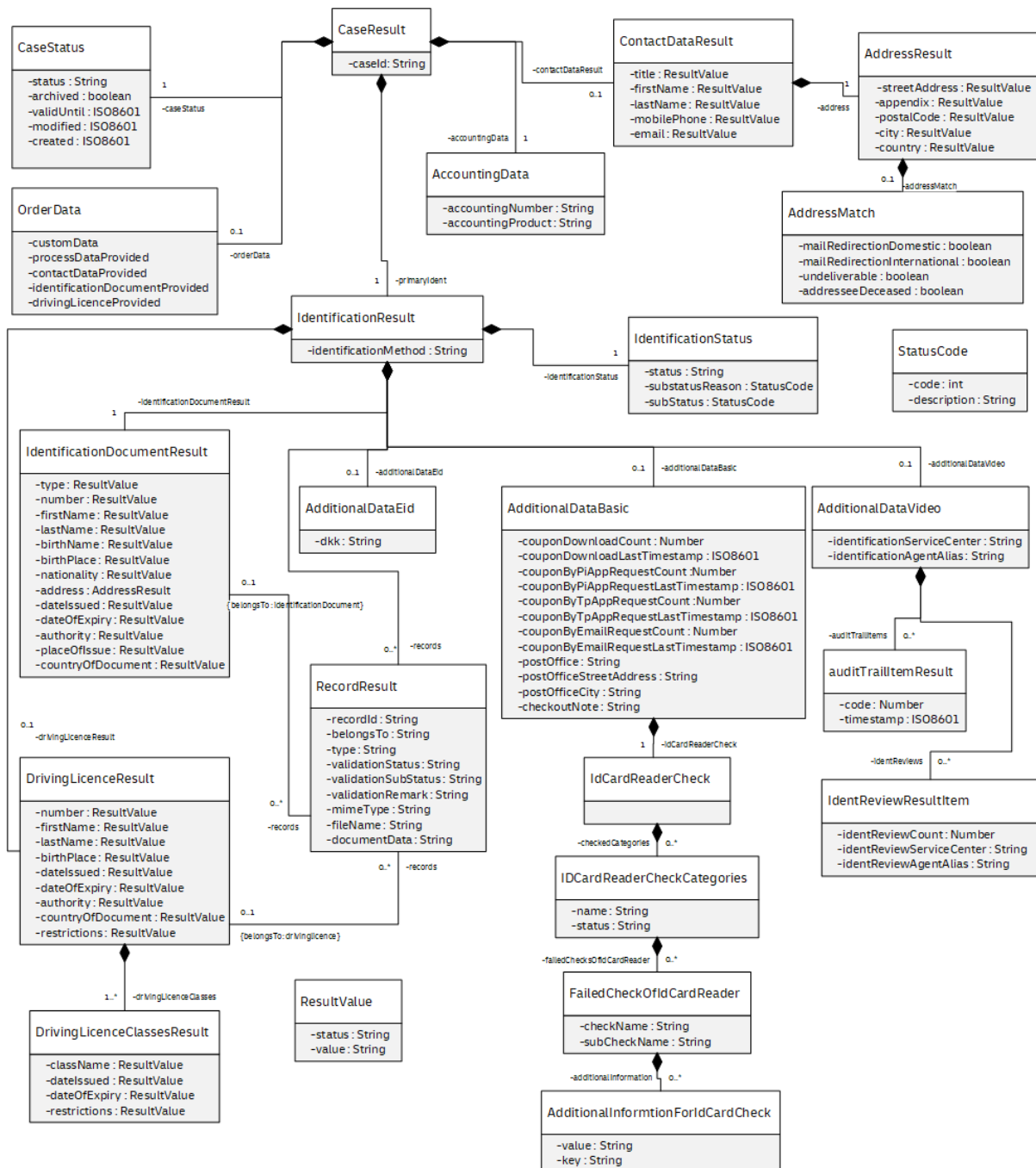
For details, please see [SCR-Ident API Guide 3 Encryption](#).

8. Result Data

The result is returned as UTF-8 encoded JSON.

Overview

POSTIDENT returns the following result data:



Some fields are included only for business customers with German Anti-Money Laundering Act obligation (GwG-Verpflichtung), e.g. banks

Please be aware that it is possible that new fields will be added to the data model in the future. Make sure that your implementation can handle unknown fields in the result data.

Newly added fields will not lead to a new version of the SCR-Ident API.

CaseResult

The result data of the case with its most progressed identification ("primary identification"). CaseResult consists of the caselId and the following properties:

- caselId

- caseStatus
- orderData
- contactDataResult
- primaryIdentification as IdentificationResult
- accountingData

CaseStatus

Parameter	Description	Example
status	'new' 'in progress' 'closed'	closed
archived	Flag for archived case	false
validUntil	Date and time until which case ID will expire; after that, the case cannot be started or restarted by the user ISO 8601 format, accuracy in seconds, the offset to Zulu time ±hh:mm at the end	2016-04-28T23:59:59+01:00
created	ISO 8601 format, accuracy in seconds, the offset to Zulu time ±hh:mm at the end	2016-01-28T23:59:59+01:00
modified	ISO 8601 format, accuracy in seconds, the offset to Zulu time ±hh:mm at the end	2016-01-28T13:00:00+01:00

OrderData

See "SCR-Ident API Guide 1 Start" for more details about the object 'OrderData' and all child objects.

ContactDataResult

Contact data used during identification process; possibly updated by user. Each parameter contains a value and status. The value will be compared with contactDataProvided from orderData (except the address) and the status will be set as followed:

- "new" means that there was no contact data provided, the data is collected by the agent either from the identification document or from the identified person.
- "match" means that contact data provided matches the data from the identification document or from the identified person.
- "change" means that contact data provided is overwritten by the data from the identification document or from the identified person.

In rare cases available parameters may not be populated, e.g. if the identification process was rejected before personal data is collected.

Parameter	Description	Mandatory	Example for Value
title	DEPRECATED - will be removed in future Free text field with academic title.	no	"status": "new", "value": "Dr."
firstName	All customer's given names separated by space.	yes	"status": "new", "value": "Thomas Christian"
lastName	Customer's family name.	yes	"status": "new", "value": "Mustermann"
mobilePhone	Mobile phone number for the verification in the videochat.	only for videochat in GWG	"status": "new", "value": "+49160123456"
email	Email address of customer.	yes	"status": "new", "value": "thomas@mustermann.com"
epost	Epost address of customer.	no	"status": "new", "value": "thomas.mustermann@epost.de"
address	Customer's postal address.	yes	see object 'addressResult'

AddressResult

Each parameter contains a value and status. The value will be compared with contactDataProvided from orderData (except the address) and the status will be set as followed:

- "new" means that there was no contact data provided, the data is collected by the agent either from the identification document or from the identified person.
- "match" means that contact data provided matches the data from the identification document or from the identified person.
- "change" means that contact data provided is overwritten by the data from the identification document or from the identified person.

In rare cases available parameters may not be populated, e.g. if a passport was used for identification.

Parameter	Description	Mandatory	Example for Value
streetAddress	Contains street name and house number.	yes	"status": "new", "value": "Musterstreet 12"
appendix	Contains a address appendix.	no	"status": "new", "value": "Sales Department"
postalCode	Contains city's postal code.	yes	"status": "new", "value": "53113"
city	Name of city or town.	yes	"status": "new", "value": "Bonn"
country	Country code accouding to ISO-3166 ALPHA-3 plus RKS for Kosovo.	yes	"status": "new", "value": "DEU"
addressMatch	Result of address comparison (if needed).	no	see object 'AddressMatch'

AddressMatch

Parameter	Description	Mandatory
mailRedirectionDomestic	Is true if a German redirection order is found.	yes
mailRedirectionInternational	Is true if a international redirection order is found.	yes
undeliverable	Is true if the address is not available.	yes
addresseeDeceased	Is true if the addressee is dead.	yes

IdentificationResult

Parameter	Description	Mandatory	Example
identificationMethod	'photo' 'video' 'eid' 'basic' 'autoid'	yes	video
identificationStatus	object of type IdentificationStatus	yes	
identificationDocument	object of type IdentificationDocumentResult	no	
drivingLicence	Type: object, see DrivingLicenceResult below Only present, if the driving licence has been checked	no	
records	array containing record objects of type recordResult on method level, e.g. result pdf	no	
additionalDataBasic	object of type AdditionalDataBasic	no	
additionalDataVideo	object of type AdditionalDataVideo	no	
additionaDataEid	object of type AdditionalDataEid	no	

IdentificationStatus

Parameter	Description	Example
-----------	-------------	---------

status	'started' 'coupon requested' 'incomplete' 'review pending' 'declined' 'success'	declined
subStatus	Containing "code" and "description" to specify the substatus. Only set to some status values; see chapter Result Status above	"code": 11, "description": "Fraud suspicion"
subStatusReason	Additional information from agent regarding fraud suspicion, containing "code" and "description"; see chapter Result Status above	"code": 110, "description": "Identification document possibly forged"
identificationTime	ISO 8601 format, accuracy in seconds, the offset to Zulu time ±hh:mm at the end	2016-01-28T13:00:00+01:00
created	ISO 8601 format, accuracy in seconds, the offset to Zulu time ±hh:mm at the end	2016-01-28T09:00:00+01:00
modified	ISO 8601 format, accuracy in seconds, the offset to Zulu time ±hh:mm at the end	2016-01-28T13:00:00+01:00

IdentificationDocumentResult

The result object may also contain records created or used during the identification process. Each parameter contains a value and status. The value will be compared with identificationDocumentProvided from orderData and the status will be set as followed:

- "new" means that there was no data in identificationDocumentProvided, the data is collected by the agent either from identification document or from the identified person.
- "match" means that identificationDocumentProvided matches the data from identification document or from the identified person.
- "change" means that identificationDocumentProvided is overwritten by the data from the identification document or from the identified person.

In rare cases available parameters may not be populated, e.g. if the identification process was rejected before personal data is collected.

Parameter	Description	Available	Example
type	Type of document as number: <ul style="list-style-type: none"> • 1 = ID Card (Personalausweis) • 2 = Passport (Reisepass) • 3 = Residence Permit (ID Card Substitute) (Aufenthaltstitel (Ausweisersatz)) • 4 = Temporary ID Card (Vorläufiger Personalausweis) • 5 = Temporary Passport (Vorläufiger Reisepass) • 6 = 1954 Convention Travel Document (Stateless Person) (Reiseausweis für Staatenlose (Übereinkommen von 1954)) • 7 = 1951 Convention Travel Document (Refugee) (Reiseausweis für Flüchtlinge (Übereinkommen von 1951)) • 8 = Travel Document For Aliens / Foreigners (Reiseausweis für Ausländer) • 9 = Service Passport (Dienstpass) • 10 = Diplomatic Passport (Diplomatenpass) • 11 = Official Passport (Ministerialpass) • 12 = Official or Diplomatic Passport (Ministerial- oder Diplomatenpass) • 13 = eID card for Union citizens and EEA nationals (eID-Karte für Unionsbürger und EWR-Staatsangehörige) 	yes	"status": "new", "value": "1"
number	Number of document Note: Not included for method eID as the data set of the eID chip does not include this field.	yes (GwG, TKG) no (else)	"status": "new", "value": "T22000129"
firstName	All given names as printed on the identification document	yes	"status": "new", "value": "Thomas Christian"
lastName	Exact last name as printed on identification document; may include title like "Dr."	yes	"status": "new", "value": "Mustermann"
birthName	Only if differing from last name Do not include prefixes like „geb.“ or „Geborene“	no (TKG) yes (else)	"status": "new", "value": "Meyer"
birthDate	Birth date of customer as ISO 8601 format.	yes	"status": "new", "value": "1979-02-26"

birthPlace	Place of birth.	yes (GwG) no (else)	"status": "new", "value": "Berlin"
nationality	Nationality according to ISO 3166 alpha 3 plus <ul style="list-style-type: none"> • RKS for Kosovar • XXA for Stateless • XXB for Refugee (1951 Convention) • XXC for Refugee • XXX for Unspecified 	no (TKG) yes (else)	"status": "new", "value": "DEU"
address	Contains the postal address which is printed on the document. If the document has no address, this field will be empty.	yes	see object 'AddressResult'
dateIssued	Date of issuance as ISO 8601 format. Note: Not included for method eID as the data set of the eID chip does not include this field.	yes (GWG, TKG) no (else)	"status": "new", "value": "2012-02-26"
dateOfExpiry	Date of expiry as ISO 8601 format.	yes	"status": "new", "value": "2022-02-25"
authority	Authority issuing the document. Note: Not included for method eID as the data set of the eID chip does not include this field.	yes (GWG, TKG) no (else)	"status": "new", "value": "Stadt Bonn"
placeOfIssue	Place of authority. Field in German passport only.	yes (GwG) no (else)	"status": "new", "value": "Bonn"
countryOfDocument	Country code as ISO-3166 ALPHA-3 plus RKS for Kosovo.	yes	"status": "new", "value": "DEU"

DrivingLicenceResult

The result object may also contain records created or used during the identification process. See [RecordResult](#) below.

Parameter	Description	Available	Example
number	Number of driving licence.	yes	"status": "new", "value": "123456"
firstName	Customer's given names separated by space.	yes	"status": "new", "value": "Thomas Christian"
lastName	Customer's family name.	yes	"status": "new", "value": "Mustermann"
birthDate	Birth date as ISO 8601 format.	yes	"status": "new", "value": "1979-02-26"
birthPlace	Place of birth mentioned on the document.	no	"status": "new", "value": "Berlin"
dateIssued	Date of issuance as ISO 8601 format.	no	"status": "new", "value": "1997-03-02"
dateOfExpiry	Date of expiry as ISO 8601 format.	yes	"status": "new", "value": "2027-03-01"
authority	Authority issuing the document.	no	"status": "new", "value": "Stadt Bonn"
countryOfDocument	Country code as ISO-3166 ALPHA-3 plus RKS for Kosovo.	yes	"status": "new", "value": "DEU"

restrictions	Some restrictions as free text.	yes	"status": "new", "value": "Corrective lenses."
drivingLicenceClasses	Contains a list of vehicle approval classes.	yes	see object 'DrivingLicenceClassesResult'

DrivingLicenceClassesResult

Parameter	Description	Available	Example
className	Name of the vehicle approval class.	yes	"status": "new", "value": "A"
dateIssued	Date of issuance as ISO 8601 format.	yes	"status": "new", "value": "1997-03-02"
dateOfExpiry	Date of expiry as ISO 8601 format.	yes	"status": "new", "value": "2027-03-01"
restrictions	Some restriction as free text.	yes	"status": "new", "value": "Daylight driving only."

RecordResult

Image, video, audio or other media file created or used during the identification process.



Note

- In standard and mobility cases there will be no binary data (documentData) available for identification documents and user profile due to German data privacy act ([DSGVO](#)).
- In mobility cases pictures of driving licence will be provided.
- The meta information of the stored records is provided, although the file itself can not be accessed.
- In GwG cases (German Anti-Money Laundering Act) all pictures will be provided.
- In TKG cases the images of identification documents will be blackened and user profile are not available.
- The binary data of the videochatrecording will be delivered only in GwG cases (German Anti-Money Laundering Act) and only via SFTP, for more information see the SST AG-Ergebnis Guide.

Parameter	Description	Example
recordId	PI system-wide unique id of the record	
belongsTo	'method' 'identificationdocument' 'drivinglicence'	identificationdocument
type	Short description of content; part of filename Types for method: - 'result' - 'resultdata' - 'resultimages' - 'userface' - 'usersignature' # signature from signpad Types for identificationDocument: - 'idfrontside' - 'idbackside' - 'idimage' # if other or unknown - 'idsignature' # signature from identification document Types for drivingLicence: - 'dlfrontside' - 'dlbackside' - 'dlimage' # if other or unknown	idfrontside
validationStatus	Only for photo: unchecked valid invalid	valid

validationSubStatus	Only for photo: 'document not supported' 'document not identifiable' 'document expired' 'fraud suspicion' 'abuse' 'person not identifiable' 'bad exposure' 'too blurry' 'partly concealed' 'picture detail not sufficient'	document not identifiable
validationRemark	Only for photo: Additional explanation of agent on sub status (optional)	Foto zeigt kein Führerscheindokument
mimeType	Required for display and file extension in file name	image/jpeg
fileName	Format: <ul style="list-style-type: none">result pdf: <caselId>_<type>_<method>.<file extension>other: <caselId>_<type>.<file extension> To avoid duplicates a sequential number may be added.	12345678ABCD_result_video. pdf 12345678ABCD_idimage.jpg 12345678ABCD_idimage_2. jpg
documentData	base64 binary document data. Note IdentificationDocument images are only delivered for class GwG. Videochatrecording are only delivered via SFTP and only for class GwG.	

AdditionalDataVideo

Parameter	Description	Example
identificationServiceCenter	Service center, where the identification took place	1 DP CSC GmbH, Location Flensburg
identificationAgentAlias	Alias of Agent, who performed this identification	
identReviews	List of reviews performed (only for class TKG)	
auditTrailItems	Currently not filled, always empty	
videoRecordingAccepted	Time of the user's consent to the video recording	2016-01-28T23:59: 59+01:00
videoRecordingDeliveryShaft	Boolean field indicating whether a video chat recording has been created and will thus be delivered via SHAFT.	true
tanChannel	Channel where TAN has been send to (only for class GWG). = ['sms', 'email']	sms

AdditionalDataEid

Parameter	Description	Example
dkk	DKK stands for "Dienste- und Karten-spezifisches Kennzeichen" and consists of a string, which identifies exactly one personal ID (eID) in the context of a service provider	BB30E18C3428F73891DCF8 D5C9FB9223D0F8AB815912 7D6CD43C4420CEB175CA

AdditionalDataBasic

Parameter	Description	Example
couponByPiAppRequestCount	Counter of coupon by Postident App requests	1
couponByPiAppRequestLastTimestamp	ISO 8601 formatted timestamp of last coupon by Postident App request	2016-01-28T23:59: 59+01:00
couponByTpAppRequestCount	Counter of coupon by third party App requests (SDK)	1
couponByTpAppRequestLastTimestamp	ISO 8601 formatted timestamp of last coupon by third party App request (SDK)	2016-01-28T23:59: 59+01:00
couponDownloadCount	Counter of coupon downloads	2

couponDownloadLastTimestamp	ISO 8601 formatted timestamp of last coupon download	2016-01-28T23:59:59+01:00
couponByEmailRequestCount	Counter of coupon by email requests	1
couponByEmailRequestLastTimestamp	ISO 8601 formatted timestamp of last coupon by email request	2016-01-28T23:59:59+01:00
postOffice	Id of postal retail outlet, where the identification took place Not included for GWG and Standard idents	227208750
postOfficeStreetAddress	Streetaddress of postal retail outlet	Musterstr. 1
postOfficeCity	Postal code and city of postal retail outlet	12345 Musterstadt
checkoutNote	Additional information about the identification case (checkoutId, journalId)	85014869 3013
idCardReaderCheck	Object of type IdCardReaderCheck	

IdCardReaderCheck

The following data structure contains further information about the IDCardReader which is used to check the identification document.

Parameter	Description
checkedCategories	Array of object IdCardReaderCheckCategories

IdCardReaderCheckCategories

Parameter	Description
name	Name of checked category
status	Result of performed check
failedChecksOfIdCardReader	Array of FailedCheckOfIdCardReader (optional)

FailedCheckOfIdCardReader

Parameter	Description
checkName	Name of failed check
subCheckName	Detailed name of failed check
additionalInformation	Array of object AdditionalInformationForIDCardCheck (optional)

AdditionalInformationForIDCardCheck

Parameter	Description
key	Key of the additional information
value	Value of the additional information

AccountingData

Parameter	Description	Example
accountingNumber	Unique identifier for invoicing (German: Abrechnungsnummer)	77777777173701
accountingProduct	Product name printed on invoice	Postident Video

9. Partner

The Postident system allows the client to outsource the video identification frontend process to third parties (partners), e.g. a comparison portal. This partner can take over the initialization of the identification and the communication with the private customer for the client. The client only needs to retrieve the result data via SCR and, if necessary, SFTP. This chapter describes the special features for this client - partner constellation.

In order to carry out the process in the frontend, the partner has the following options:

- Start an identification process for the client via SCR-Ident
- Receive webhooks when the status of an identification changes
- Retrieve status information about the operation via SCR-Ident, e.g. to take over the communication with the private customer.

The partner, however, can not query result data of identification, but only its status.

In order to make the origin of the transactions comprehensible, only the partner can create the identification in this constellation. To represent this client - partner constellation, a separate accounting number will be used. The client can query the result data as usual and can also be informed about status changes of the identification via Webhook - there are no deviations from the standard process.

Start a new identification

The partner can create a new identification for the client via SCR-Ident POST

- `POST/{clientId}/cases`

Receive webhooks

The partner can receive webhooks when the status of an identification changes. For this he needs to pass in the POST parameters `webHookUrlPartner` its URL.

```
{
  ...
  "processData": {
    ...
    "webHookUrlPartner": "https://webhook.partner.com",
    ...
  },
  ...
}
```

Retrieve status information

The partner can retrieve the status information about the identification via SCR-Ident after being informed about the status change via Webhook. The following methods are available to him.

Retrieve status data for a single case

- `GET/{clientId}/cases/{caseId}/status => with primary identification only`
- `GET/{clientId}/cases/{caseId}/status/full => with all identifications`

List operation to get case status data

- `GET/{clientId}/cases/status => with primary identification only`
- `GET/{clientId}/cases/full => with all identifications`