



SCR-Ident API Guide 2 – Result

Standard Connect & Result (SCR) API



SCR-Ident API Guide 2 Result

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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 citizens 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 mentioned 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: <caseId>_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 TGK 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

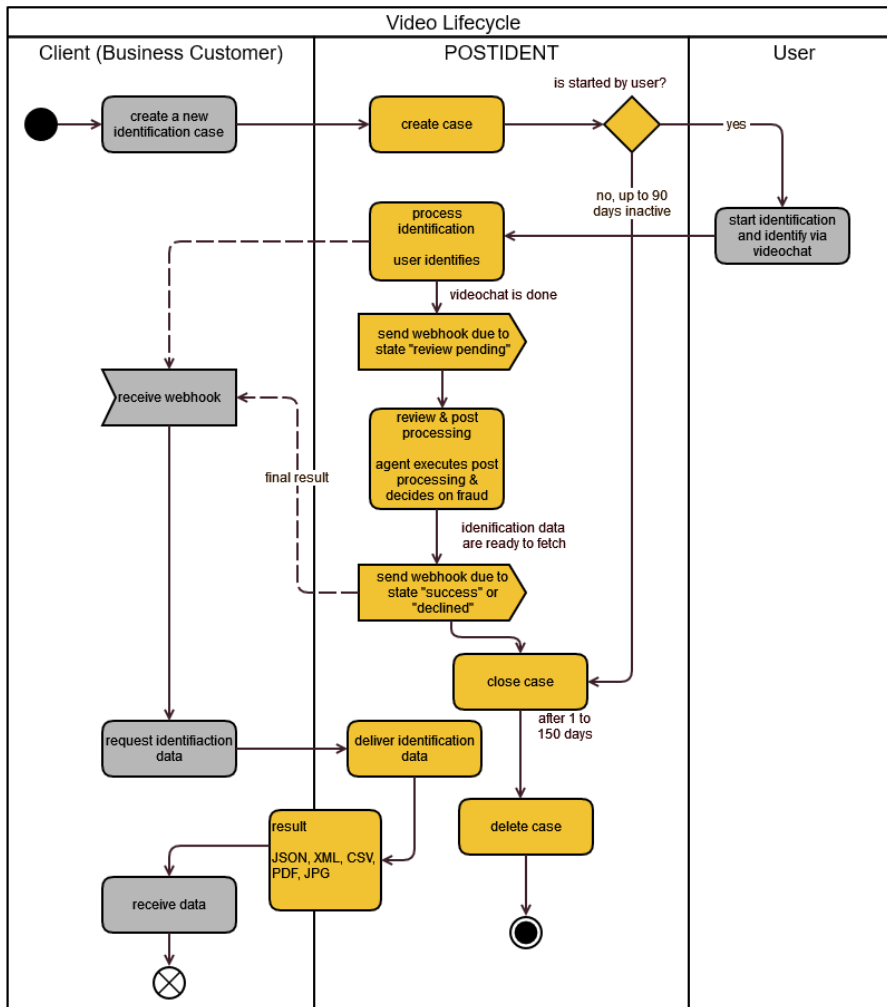
| English | German | Description |
|---------|--------|-------------|
|---------|--------|-------------|

| | | |
|-----------------------|------------------------------|---|
| 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

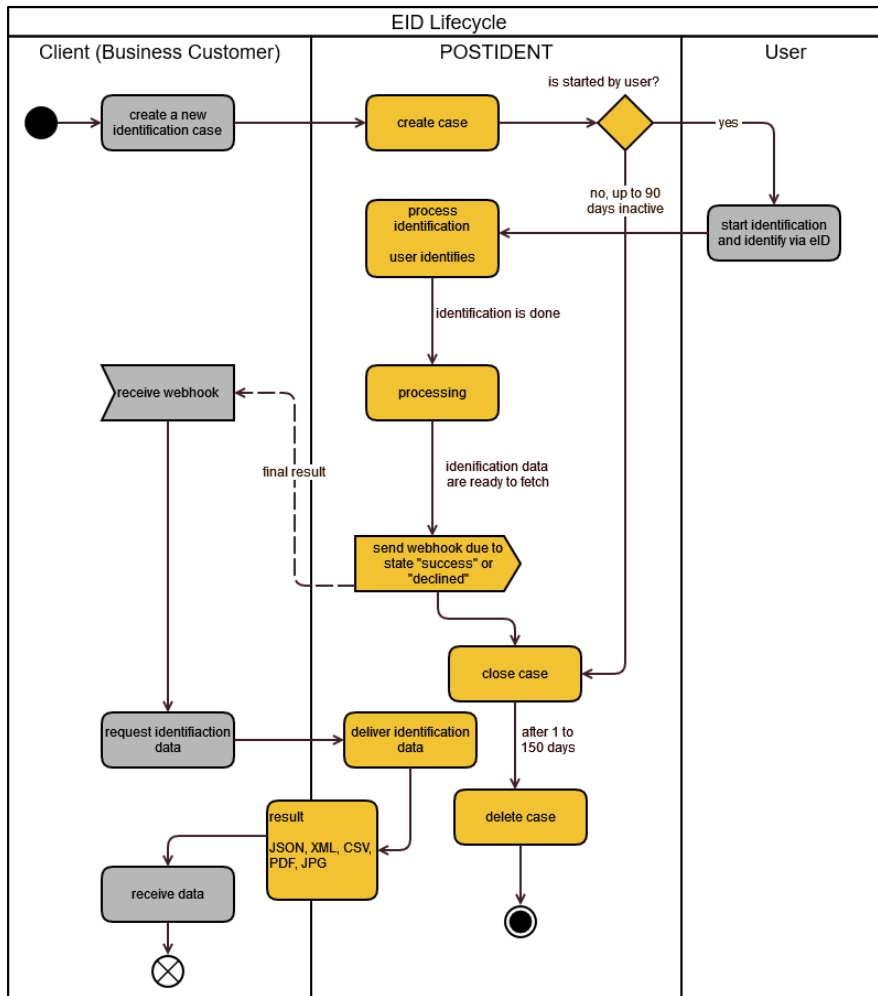
Overview

Lifecycle of Video Identification



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

Lifecycle of eID Identification

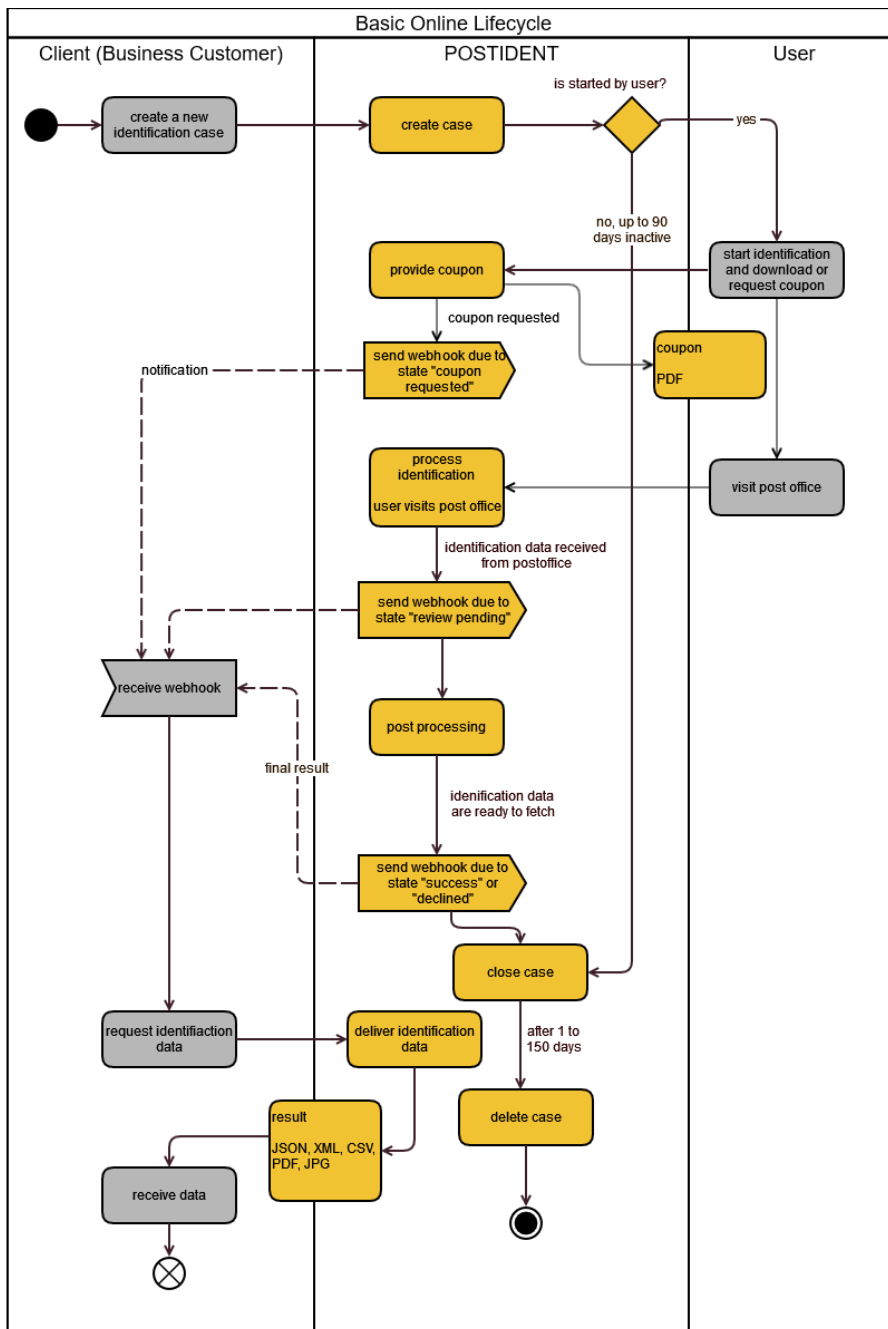


*) Grey boxes describe client or user actions; yellow boxes represent POSTIDENT actions.

Lifecycle of Basic Identification

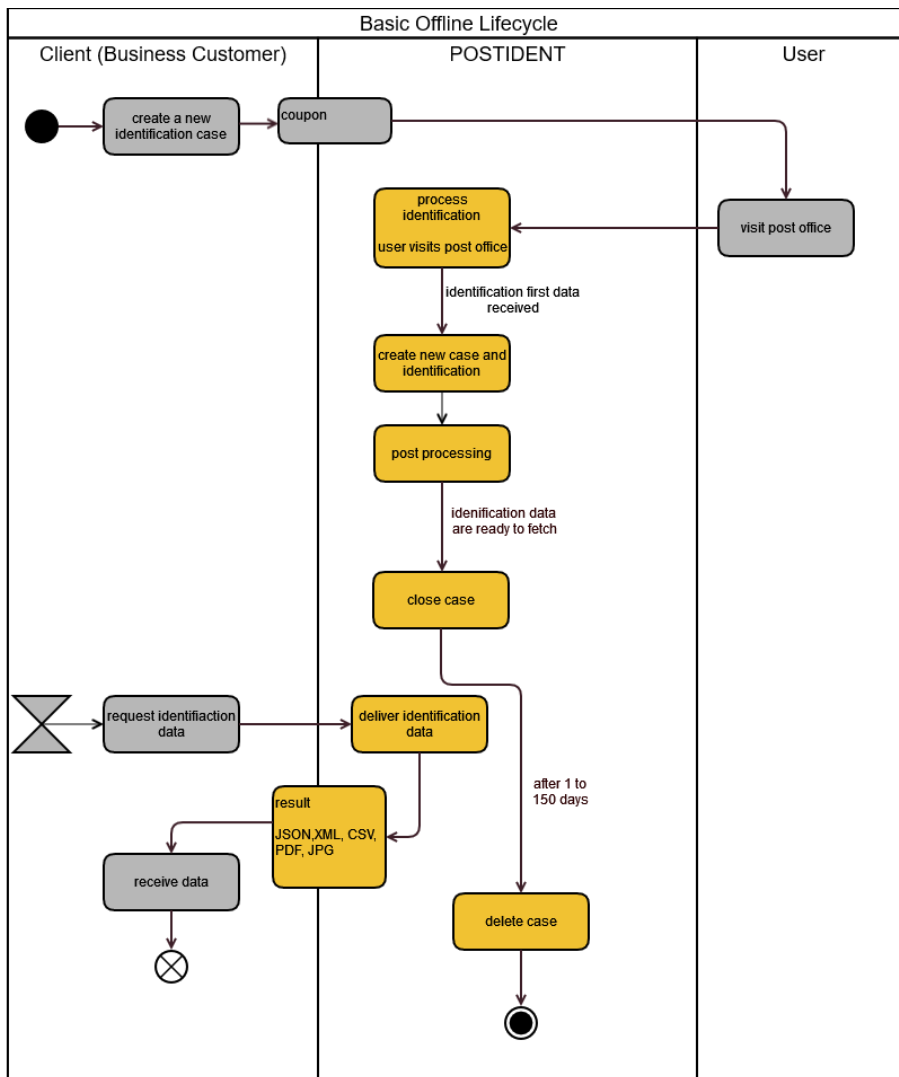
Basic identifications can run in two ways. The first way starts with creating an identification case online in the POSTIDENT system and receiving a coupon from there, hence this way is called Basic Online. The second way starts with a coupon generated by the client (business customer), so this way is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

Lifecycle Basic Online



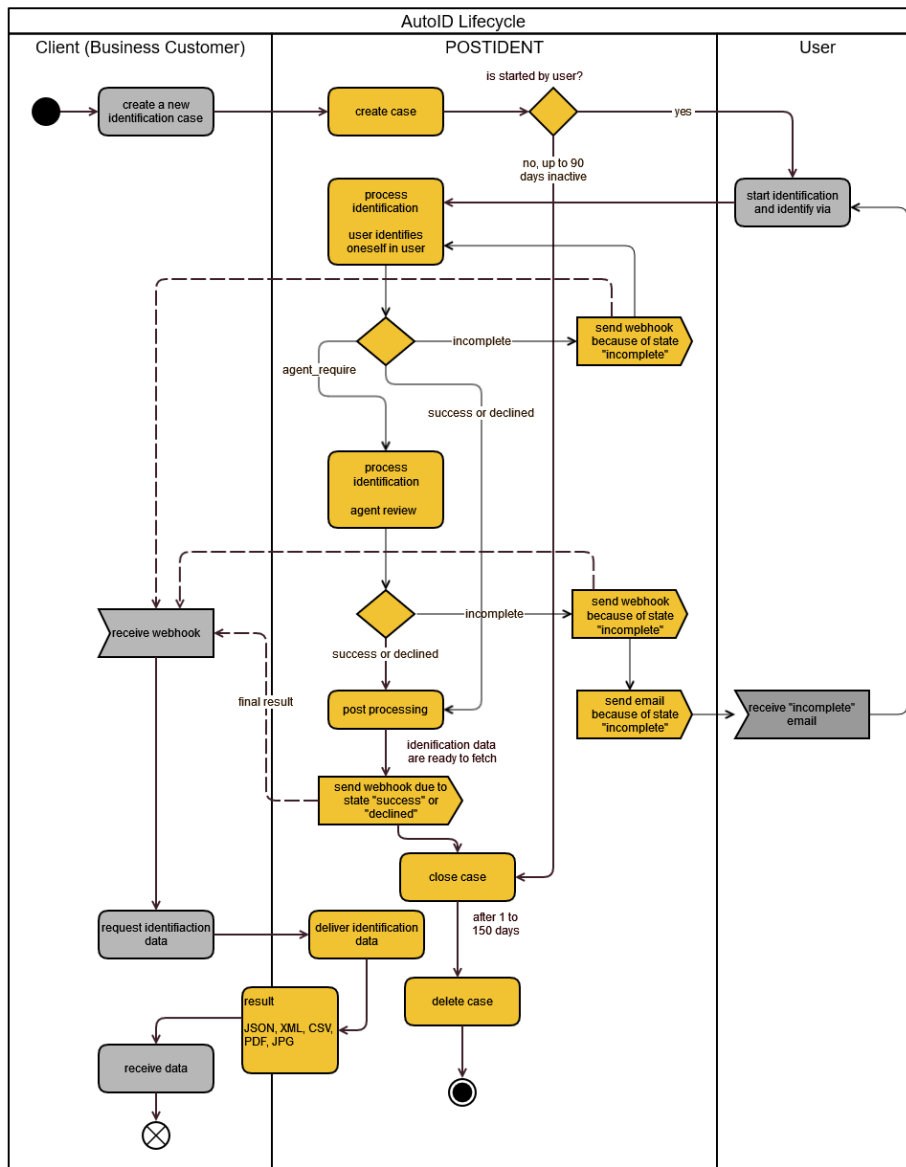
*) Grey boxes describe client or user actions; yellow boxes represent POSTIDENT actions.

Lifecycle Basic Offline



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

Lifecycle of Photo Identification



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 / TGK) • 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 i 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) | - | - |

i 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) | - | - |
|----------|-------|---|--|---|---|

i 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

i 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.

i 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:
`URLEncoder.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.

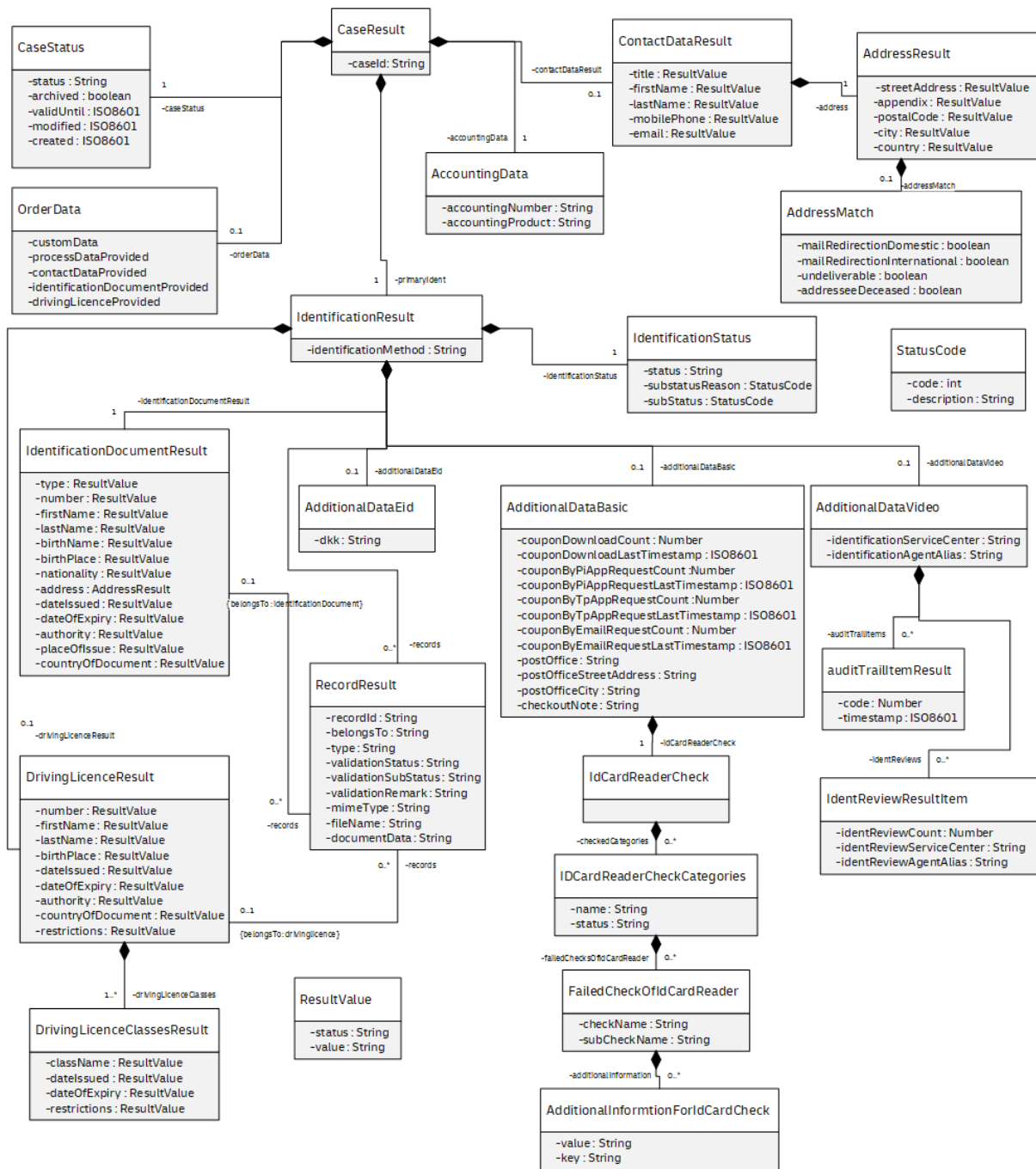
For details, please see [SCR-Ident API Guide 3 Encryption](#).

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 caseld and the following properties:

- caseld

- 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 according 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 | |
| additionalDataEid | 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 | BB30E18C3428F73891DCF8D5C9FB9223D0F8AB8159127D6CD43C4420CEB175CA |

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 AdditonallInformationForIDCardCheck (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`