

Strex ID API

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This is a REST API to identify users with BankID or Vipps.

- Test environment URL: <https://id-test.strex.no/api>
- Production environment URL: <https://id.strex.no/api>

Setup

To begin using this API you need to set up a client in Strex Connect. You can find the setup under the gear icon in the top right corner.

Strex Id

Client

Target client

Add client

Clientid

4656dc94-4935-480e-8459-4966304fa149

Name

Target client

Callback URL

<https://www.target365.no>

Language (nb or en)

en

Brand name

Testing AS


Description

Logg inn til vår flotte webside.

Brush Script MT

72

Logo



Upload logo

Select providers

☒ BankID ☒ Vipps

☒ Obtain name and birthdate.

☒ Obtain social security number.

☒ Obtain social security number with a consent from the end user. Used if you do not already have the SSN.☐ Obtain social security number without consent from the end user. Demands that you already have the SSN. Used for confirmation.

☐ Obtain BankID proof, a token for merchants and banks that require a stronger and long-term proof of authentication. Not possible with biometrics.

☒ Use biometrics. Makes it possible to use the security features on the phone for facial or fingerprint recognition, but at a lower security.

These settings are default, but can be overridden in the API. Documentation in [GitHub](#)

Save settings

Delete

Here you specify a callback URL which we will return the user to with a status code and transaction id after the identification process has completed. See **Identify** chapter.

Further settings are:

- Language – if the dialog should be in Norwegian or English. Default is Norwegian.
- Brand name with font selection, Description and Logo – for branding the landing page. Custom permission needed.
- Select providers presented as a selection to the user.
- Obtain name and birth date.
- Obtain social security number without consent from the end user. Demands that you already have the SSN. Used for confirmation. Not applicable for Vipps.
- Obtain social security number with a consent from the end user. Used if you do not already have the SSN.
- Obtain BankID proof, a token for merchants and banks that require a stronger and long-term proof of authentication. Not possible with biometrics. Not applicable for Vipps.
- Use biometrics. Makes it possible to use the security features on the phone for facial or fingerprint recognition, but at a lower security. Not applicable for Vipps.

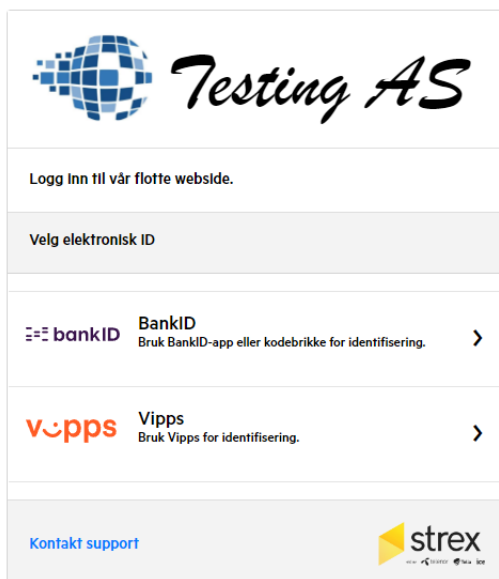
When you added the client, you were provided with a **ClientId** that you use for the API.

Identify

To identify your users send them to this URL:

- REDIRECT <https://id.strex.no/api/identify/landingpage?clientId=#ClientId>

Here they will be presented with a selection of BankID or Vipps login based on your setup:

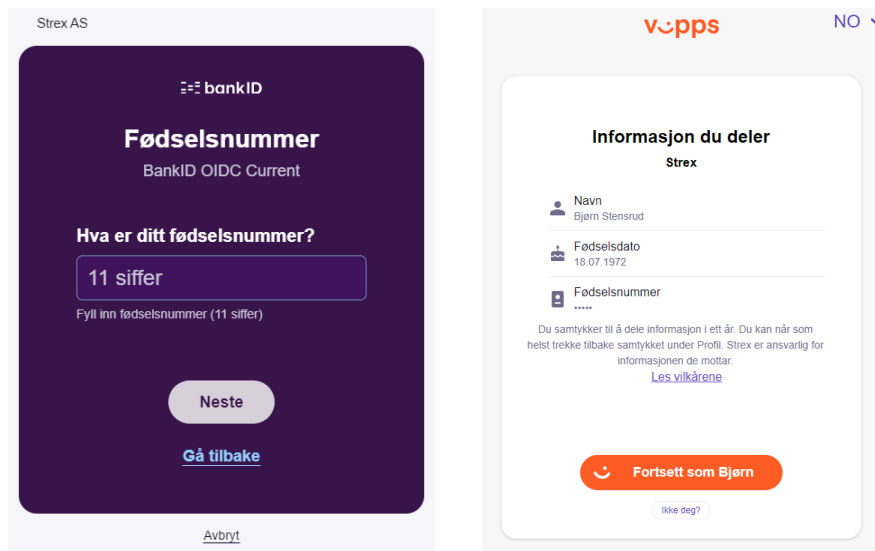


To send them directly to BankID or Vipps login use this URL:

- REDIRECT <https://id.strex.no/api/identify?clientId=#ClientId&provider=bankid/vipps>

#ClientId must be replaced by your **ClientId** mentioned in setup and provider must be “bankid” or “vipps”. If provider is not set, BankID is default.

Login pages:



The left screenshot shows a BankID login page. It has a dark purple background with the BankID logo at the top. The title is 'Fødselsnummer' (Birth number) and it says 'BankID OIDC Current'. Below that, it asks 'Hva er ditt fødselsnummer?' (What is your birth number?) and indicates it is '11 siffer' (11 digits). There is a text input field for the birth number and a 'Neste' (Next) button. At the bottom, there is a 'Gå tilbake' (Go back) link and an 'Avbryt' (Cancel) link.

The right screenshot shows a Vipps login page. It has a light grey background with the Vipps logo at the top. The title is 'Informasjon du deler' (Information you share) and it says 'Strex'. Below that, it shows user information: 'Navn: Bjørn Stensrud', 'Fødselsdato: 18.07.1972', and 'Fødselsnummer: *****'. There is a consent message: 'Du samtykker til å dele informasjon i ett år. Du kan når som helst trekke tilbake samtykket under Profil. Strex er ansvarlig for informasjonen de mottar.' and a link to 'Les vilkårene' (Read the terms). At the bottom, there is a large orange 'Fortsett som Bjørn' (Continue as Bjørn) button and a small 'Ikke deg?' (Not you?) link.

API parameters

Optional query parameters that will override settings on the client:

- **provider**=bankid or vipps, if not provided default is bankid
- **getName**=true/false
- **confirmSSN**=true/false (without consent, only available for BankID)
- **obtainSSN**=true/false (with consent, will override confirmSSN if true)
- **getBankIdProof**=true/false (only relevant for BankID)
- **useBiometrics**=true/false (only relevant for BankID)

You can also set your own transaction id:

- **transactionId**=your-id

Example URL with optional parameters:

<https://id.strex.no/api/identify?clientId=#ClientId&getName=true&obtainSSN=true&useBiometrics=true>

The user will be returned to your callback URL with 2 parameters.

- **transactionId** – used to get information about the identification.
- **statusCode** – status of the identification process.
 - Ok – Identification was successful
 - Abort – Identification was aborted by the user
 - Failed – Identification failed

Example callback:

<https://your.domain.no/bankId-callback?transactionId=22990258-d7cc-4a16-b19e-514e6ed1f03d&statusCode=Ok>

You can also add your own query parameters to the identify URL, they will also be returned with the callback URL.

Get transaction

To get information about the identification done in the previous chapter, use this URL:

- GET <https://id.strex.no/api/transaction/#ClientId/#TransactionId>

#ClientId must be replaced by your ClientId provided by Strex.

#TransactionId must be replaced by the transactionId returned to your callback URL in the identify step.

The fields returned are:

ClientId	Same as parameter sent in.
TransactionId	Same as parameter sent in.
Created	Date and time when the transaction was created.
SocialSecurityNumber	Social security number of the user.
PhoneNumber	Phone number of the user.
FirstName	First name of the user.
LastName	Last name of the user.
BirthDate	Birth date of the user.
BankIdProof	BankID token providing a stronger and long-term proof of authentication.
ClientParameters	Collection with your custom query parameters sent with the identify URL.

Example response:

```
{
  "clientId": "c7092e41-8c3d-4052-a2b9-fc6eb2630d9d",
  "transactionId": "22990258-d7cc-4a16-b19e-514e6ed1f03d",
  "created": "2023-10-04T11:34:16.8393103+00:00",
  "socialSecurityNumber": "18058212345",
  "phoneNumber": "90123456",
  "firstName": "John",
  "lastName": "Doe",
  "birthDate": "1993-07-04",
  "clientParameters": {
    "myParam1": "value1",
    "myParam2": "value2",
  }
}
```