Guide to reporting in the production environment via system to system (API)

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**Version history**

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# 1. Purpose of the guide

This guide is aimed at financial businesses (payment service providers (PSPs))[[1]](#footnote-1) facilitating cross-border payments. PSPs must report their cross-border payments in XML format to the Danish Tax Agency (*Skattestyrelsen*), which forwards the data to a central EU database, CESOP-EU[[2]](#footnote-2).

The purpose of this guide is to describe how to use the CESOP-DK API solution. It is a technical guide that doesn’t deal with the reported data or their format. For guidance on these areas, reference is made to the general reporting guide.

We recommend thorough testing of the test environment before submission to the production environment is commenced. A separate guide to the TFE environment is available at [skat.dk/CESOP](file:///C:\Users\w11534\AppData\Local\Microsoft\Windows\INetCache\Content.Outlook\CP6U88PR\www.skat.dk\CESOP).

# 2. Requirements before the API can be accessed

API is not available to foreign companies, as it requires that the company has MitID to obtain certificates that are necessary to use API.  MitID requires that the company has a Danish address. Non-Danish companies/PSP´s must report via user interface (E-tax for businesses).

Before you can access the production environment via the displayed APIs, you need to obtain an OCES PROD certificate from NETS. OCES PROD certificates can be obtained by logging in at <https://www.mitid-erhverv.dk/>

See instructions for obtaining an OCES test certificate [Vejledning til anskaffelse af OCES certificates](https://skat.dk/media/nxifkkyo/vejledning-til-anskaffelse-af-oces-certificates.pdf)

*The supplementary instructions can also be found in the section “Supplementary instructions for API”*

## 2.1 Registration of reporting obligation

The PSP that is subject to a reporting obligation must register the reporting obligation with CESOP-DK.

The registration is done via a digital form at virk.dk. The form requires login with MitID Erhverv for businesses or with MitID for private use. Representatives can also register the business.

You can access and fill in the form here: [Blanket 31.053 Registrering - indberetningspligt for visse grænseoverskridende betalingsoplysninger (Form 31.053 Registration – reporting obligation for certain cross-border payment data)](https://virk.dk/myndigheder/stat/ERST/selvbetjening/31053_Registrering_forindberetningspligt_for_visse_graenseoverskridende_betalingsoplysninger/) (virk.dk)

Once the Tax Agency has processed and approved the request for registration, a new registration certificate is generated. You can find the registration certificate in E-tax for businesses [(Tastselv Erhverv)](https://skat.dk/tastselverhverv) under the menu item ***Profil- og kontaktoplysninger* (Profile and contact information).**

The reporting obligation is then registered on the business’s SE number, and you can begin your reporting.

## 2.2 Linking of rights to the certificate in E-tax for businesses

Once the registration for the reporting obligation is done and the PROD certificate from Nets has been obtained, the certificate must be registered in E-tax for businesses, and the right ‘CESOP Reporter’ must be linked to the certificate.

This can be done by the business’s MitID administrator.

### 2.2.1 If you submit data on behalf of others

If you are to submit payment data on behalf of businesses that are subject to a reporting obligation, your business must be registered with the accountant scheme. The guide to the accountant scheme is available at [skat.dk/en-us/businesses/e-tax-for-businesses/register-your-business-for-the-accountant-scheme](https://skat.dk/en-us/businesses/e-tax-for-businesses/register-your-business-for-the-accountant-scheme).

The business that is subject to a reporting obligation and on the behalf of which you are reporting must grant you the right to report data on its behalf. The guide to how to authorise your accountant or consultant to report data on behalf of your business is available at [skat.dk/en-us/businesses/e-tax-for-businesses/authorise-others-to-access-your-e-tax-for-businesses/authorise-your-accountantconsultant-to-report-information-on-behalf-of-your-business](https://skat.dk/en-us/businesses/e-tax-for-businesses/authorise-others-to-access-your-e-tax-for-businesses/authorise-your-accountantconsultant-to-report-information-on-behalf-of-your-business).

# 3. Reporting flow

To be able to submit data to CESOP and obtain receipts and validation reports etc. from CESOP-DK, you have to make 2 calls.

First, you have to call [Billetautomaten](https://oces.billetautomat.skat.dk/auth/realms/oces/certificates/cert) with the certificate to which the CESOP-DK right is linked. You will need the client ID: cesop-api.

Billetautomaten returns a JWT, which you have to use as Bearer Authentication in the call to CESOP-DK, which is the second call.

# 4. API specifications

## 4.1 Call to Billetautomaten

Calls to Billetautomaten are described in the document

“Cesop - Guide (v.3) for CESOP-DK Users on Migrating Calls from BAT1 to BAT2”

Billetautomaten is based on a Keycloak installation that follows the Keycloak standard.”

<https://bat.skat.dk/realms/oces/.well-known/openid-configuration>

### 4.1.1 API specification when reporting on behalf of others

The API specifications embedded above also contain specifications of how calls are made to Billetautomaten when work is done on behalf of another party.

## 4.2 API specification for calls to CESOP-DK

You can find the API specification for calls to CESOP-DK here: <https://api.cesop.tfe.skat.dk/api/v1/spec>. Please note that the specification comprises both the test environment and the production environment.

The specification can advantageously be seen in: <https://editor.swagger.io/>

1. Payment Service Provider [↑](#footnote-ref-1)
2. CESOP (Central Electronic System of Payment Information) is a system maintained by the European Commission for collection of cross-border payment transaction data collected by the Member States from PSPs. [↑](#footnote-ref-2)