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CVR no. 30808460

Specification document for the RID-CPR service

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Version history

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1. Purpose and target group

This document is a part of the NemID Service Provider Package.



The document will provide you with the best opportunities of testing the RID-CPR service. The document describes how the service provider can implement an application that performs lookups in Nets DanID's test systems.



The document is aimed at the people at the service provider who are responsible for the implementation of NemID.

2. Introduction to the RID-to-CPR service

All OCES employee certificates issued by Nets DanID contain a Resource ID (RID). A RID number is unique in regards to the CVR number, and is a kind of customer number that refers to a specific employee. The RID/CPR service can look up the CVR number for a RID. This way you avoid to write the user's CPR number directly in the certificate.

This means that when contacting Nets DanID, your application can get a CPR number on the basis of a RID. The application that is requesting a RID must be "set up" in advance at Nets DanID, and your organisation must have concluded an agreement for using the service.

Look up of a CPR number presupposes that the employee signature is created with a CPR number by the company's NemID administrator.

NB: Only public organisations are allowed to conclude agreements to obtain CPR numbers. Private organisations can acquire an agreement in regards to CPR match, where they can be informed whether a given CPR number is associated with a RID.

It is the Danish National IT and Telecom Agency who owns the RID-CPR service, but it is Nets DanID who administers the service for the Danish National IT and Telecom Agency.

As a service provider you can get access to the RID-CPR service in the *test environment* without having concluded an agreement for using the service. To get access to the service in *production*, it is however necessary to conclude an agreement with the Danish National IT and Telecom Agency.



Contact Nets DanID Sales at salg@danid.dk or consult <http://www.nets.eu/dk-da/Produkter/Sikkerhed/NemID-tjenesteudbyder/Pages/default.aspx#tab3> to download the agreement.

3. Preconditions for being able to test

In order to be able to make test calls to the RID-to-CPR service, you must have a test company certificate (test-VOCES) from Nets DanID. The certificate is hereafter to be registered as RID access in Nets Rights Management.

As a service provider you can get access to the test system without having concluded an agreement for using the service.



Please see section "Test environment" in the document **'Introduction to NemID and the NemID Service Provider Package'**.

4. Interfaces for the RID-to-CPR service

There are one interface for RID-to-CPR:

- a SOAP-based web service.

All three interfaces generate the same data and support both lookup and verification.

4.1 *Technical specifications*

The OOAPI does unfortunately not include complete .NET- and Java clients, but standard tools can be used to generate such clients. Note that the interface is RPC encoded. This means that certain newer tools for the Java platform cannot be used since newer versions of JAX-WS does not specify support for RPC encoding.

Two-way SSL is used for authentication towards the service.



Please consult the document '**Configuration and setup**'.