

Nets DanID A/S
Lautrupbjerg 10
DK - 2750 Ballerup

T +45 87 42 45 00
F +45 70 20 66 29
info@danid.dk
www.nets-danid.dk

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Specification document for the RID-CPR service

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Version history

20 January 2011	Version 1.0	MTV
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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 Role ID (RID). A RID number is a kind of customer number that refers to a specific user and his CPR number. The number is inserted so that the user's CPR number is not written 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 administrator, or that the employee signature is as an administrator (LRA) with CPR.

NB: only public organisations are allowed to conclude agreements to obtain CPR numbers.

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.

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 that is directly compatible with OCES I's RID-to-CPR service.

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

If you have an existing integration with OCES I RID-to-CPR, you can use the same client code if you call the OCES I-compatible SOAP service.

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**'.