# Nets KAR Web Service for Business

Version 1-0

# Contents

# 1. Introduction

## 1.1. *Document Purpose*

The purpose of this document is to describe the technical specification for the REST-based web services for accessing KAR via Nets by using a client certificate.

The documentation is intended for developers and technical people.

## 1.2. *Revisions*

| Version / Date | Description |
|---|---|
| 1-0 – 01.12.2015 | First official version. |

# 2. KAR service

The service enables companies to verify if an account number is valid and if a given person/company owns a given account. The advantage is to ensure correct payments and save time and money used on mistakes.

The company must have an agreement with their bank. If the company wants to ask about a person, the company must have authorisation to store personal, but all companies can ask about companies (org. nr.) and can ask if an account is valid.

There are two questions available

- Is the account valid? You send in the account number and get a confirmation ok or a rejection (no)
- Does this person/company own this account? You send in the account number and personal ID or organisational number  and get a confirmation ok or a rejection (no)

# 3. REST interface

## 3.1.  Principle

The KAR rest services detailed specifications are described by BSK in the document:

**BSK Grensesnitt for Felles Konto- og Adreseregister (KAR) v1-1, date 20.05.2015**

This document merely describe Nets modification to the BSK interface description.

Where BSK document specify:

https://host:port/kar-ws/api/v1/accounts/{account}/karVerifyAccountPayment

Nets uses:

https://ajour.nets.no/kar-direct/accounts/{account}/karVerifyAccountPayment

In other words, Nets do not make any modifications to the semantics of the Web services. The Nets modification consist of specifying the *domain name* and the *contextpath* to be used. The domain name being ajour.nets.no and the contextpath being kar-direct.

## 3.2.  REST Web service specification

Refer to chapter 4 of the BSK documentation for the 2 functions implemented by Nets:

- karVerifyAccountPayment          See chapter 4.3 in the BSK document
- karVerifyAccountOwner            See chapter 4.4 in the BSK document

Request, response, error codes and examples are described in the indicated chapters.

# 4. HTTPS and certificates

Our REST services are protected by 2-way SSL. Nets is at the server side. The consumer is at the client side. Client needs to provide a certificate that is used to authenticate the consumer at the server side.

In order to communicate with the server, the consumer (client) needs the following:

- A client certificate

Nets will provide you with a client certificate. Different client certificates might be needed for test- and production environments.

The client certificate needs to be created and signed by Nets. Your business contact in Nets will provide support for getting a client certificate.

Nets requires an **email address** to receive the certificate and a **mobile number** to receive the password which is used to install the certificate.