

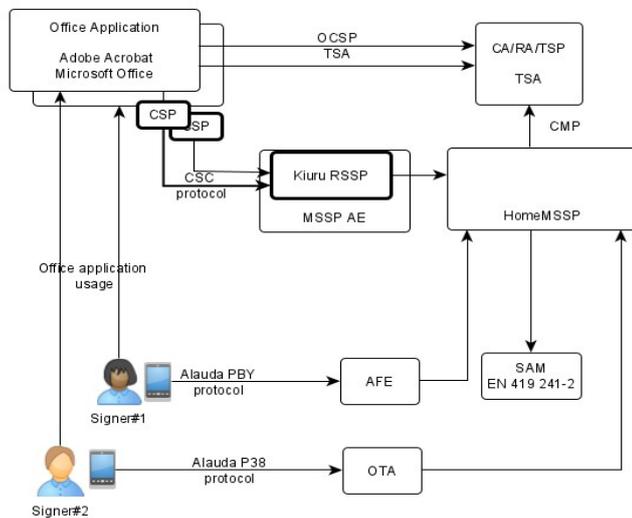
Kiuru RSSP

Product Fact Sheet v.1.0

Kiuru Remote Signing Service Provider (RSSP) is a RESTful API server product, that provides a lightweight Application Provider interface for the mobile signature service. The RESTful API is defined in the Cloud Signature Consortium (CSC) and the protocol is called as CSC protocol.

Product Description

Kiuru RSSP product is based on the standard. The following figure depicts Kiuru MSSP solution and Kiuru RSSP server as a part of the solution. The main goal of the API is that “services are applicable as parts of complete digital signature systems in the cloud in a plug and play manner”. Our main goal is to provide a simple interface for common software components like Microsoft Cryptographic Service Provider module (CSP).



The figure above depicts the Kiuru RSSP as part of the MSSP solution. Furthermore, the RSSP server is a part of AE MSSP server. That means that in the MSSP system the CSC protocol is equivalent with the ETSI TS 102 204 SOAP/RESTful and RADIUS protocols. The purpose of the CSC protocol is to connect applications to the mobile signature systems which supports both local and remote signatures.

Key Features

Local and Remote Signing

Supports signing with the Alauda P38 SIM card applet and with Alauda PBY app.

CSC API support

Supports the following CSC APIs:

```

/info
/auth/login
/auth/revoke
/credentials/list
/credentials/authorize
/signatures/signHash

```

No security compromises

The user keeps sole access to their private key and signing always requires a PIN or fingerprint.

Enrollment

Provides enrollment tools and a built-in simple enrollment service over MReg. Users can have multiple RSSP clients at a time.

Built-in service in AE

Kiuru RSSP is a built-in service in AE MSSP. No new server instances are needed.

Standards

API

Architectures and protocols for remote signature applications v 1.0.4.0; Cloud Signature Consortium; 2019

Mobile Signature

ETSI TS 102 204
RFC 5280 PKIX

About Methics

Methics Oy is a privately held consulting company specialized in subscriber management and data communication infrastructure development for security, service management and business intelligence. The company offers Java technology based software products under the Kiuru trademark. Kiuru products provide open standard based services for service provisioning and mobile signature services.