

Kiuru Webmanager Release 5 Product Fact Sheet

v.1.0

Product Description

Secure management of mobile identity life cycle is a key part of the digital economy. *Kiuru Webmanager* is a secure RA/BSS tool for managing mobile users and SIM cards in a Mobile Signature Service deployment.

It is a Java based graphical user interface for running registration and provisioning operations on an open Servlet engine. It connects to the Kiuru MSSP over ETSI TS 102 204 SOAP interface and uses the MReg interfaces for management operations.

Kiuru Webmanager provides an agile secure service management framework for different user enrollment tasks. Kiuru Webmanager server can be installed in a preferred location independent of the MSSPs, and it has a robust modern web outlook. You can localize the software and user interface easily, or you can develop new tasks or use the software only as an example in small deployments.

Operations

The Webmanager wraps up three main operations in Mobile ID service:

Business Support System (BSS) operations

The BSS operations view consists of mass provisioning operations which you can do with CSV files, as well as single subscriber provisioning.

The provision operation reads the CSV file (or inputted subscriber data), and creates SIM card and mobile user accounts from the read data. The Webmanager configuration file defines what registration profile the created mobile user has.

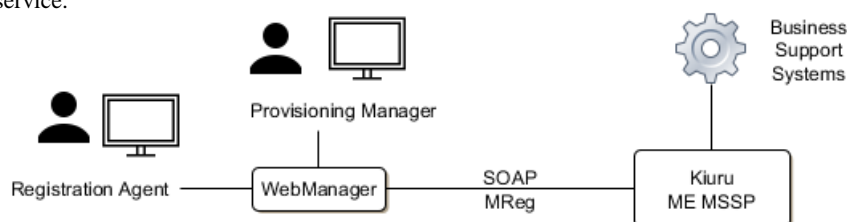
Operations include Provision SIM card and Mobile User, Display Mobile User and Delete SIM card and Mobile User.

Registration agent operations

- i. *Activate Mobile User:* This operation group completes the user registration and activation. The activate operation sets the state of mobile user to ACTIVE. At the end of the operations, the user is ready to use the MSS signing service.
- ii. *Deactivate Mobile User:* This operation sets the user to state INACTIVE and revokes all their active certificates. The user will not be able to use the MSS signing service in this state.

Test Signature

- i. *Authenticate:* This operation is used for testing the MSS authentication service.
- ii. *Sign Document:* This operation is use for testing the MSS document signing service.



Key Features

Intuitive to use

The Kiuru Webmanager is a simple tool which is easy to use. A user can execute each step independently and see the response and the results on a screen.

Easy to localize and extend

The Kiuru Webmanager comes free-of-charge and the source code is licensed under the Apache License Version 2.0. You can use the source code as an example or you can just take parts you need and localize them.

Easy to deploy

The Kiuru Webmanager is a Java 8 software package running on open standard Servlet 3.0 engine like Tomcat 7.

Remote Subscriber Management

The Kiuru Webmanager is available to the RA and BSS operations personnel to easily and quickly manage subscriber lifecycle without low-level administrative access to the MSSP platform.

Standards

Server

JSR-000315 Servlet 3.0 (Apache Tomcat 7); RFC 4627, application/json Media Type for JavaScript; Object Notation (JSON); Fielding, R., "Architectural Styles and the Design of Network-based Software Architectures", 2000;

Security

RFC 5246, Transport Layer Security Protocol; WSSE, Web Services Security, UsernameToken Profile, OASIS Open;

Mobile Signature Service

ETSI TS 102 204 V1.1.4 (2003-08);

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 Kiuru-trademark. Kiuru products provide open standard based services for service provisioning and mobile signature services.