



# Mercurius

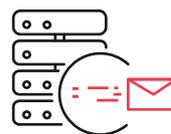
Mercurius® can manage millions of users in a stable and efficient way. It is based on a modular service-oriented architecture, that offers maximum scalability. This way Mercurius® identifies and provides the right solution based on the specific needs. This datasheet covers the features of Mercurius - OTA Platform.

## Mercurius platforms:



### OTA Platform

Mercurius - OTA Platform is the ideal solution to manage SIM/eSIM update campaigns via OTA through SMS, CATT and HTTP protocols, user data provisioning, electric profile administration and IMEI Tracking. It provides APIs in order to guarantee scenarios of interoperability with third parties.



### RSP Platform

Mercurius - RSP Platform is our standardized GSMA product for the secure administration of eSIM Remote Provisioning, both for consumer and M2M scenarios. This solution allows you to remotely administer profile changes of an eSIM without having to physically replace it.

## About us:

With over 20 years of expertise, Movenda has become leader in the mobile identity market, focusing on development of innovative carrier-grade software platforms dedicated to identity management and remote management.

Movenda works within the major international software standardization committees such as GSMA and FIDO Alliance.



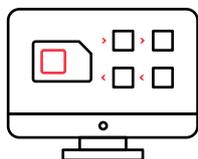
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# Mercurius - OTA Platform

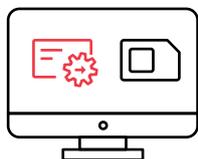
Mercurius® - OTA Platform guarantees the management, via OTA, of SIM/eSIM through intelligent updating campaigns, that are optimized to completely cover specific users. The platform offers high performance and service continuity.

## The OTA Platform is build up for:



### RFM

Management of updating campaigns for file system of SIM/eSIM through the "Remote File Management" module.



### RAM

Administration of new services through the "Remote Applet Management" module by installing or removing SIM based applets on SIM/eSIM.



### SIM Profile

Management of electrical profiles on SIM/eSIM combined with user provisioning operations.

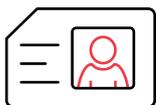
**RFM** and **RAM** operations can be performed using different transport channels: **SMS**, **CATTP** e **HTTPS**.

The commands used in the various operations are fully compliant with the standards of the European Telecommunication Standard Institute (i.e. : ETSI TS 102.226 / 3GPP TS 31.116).



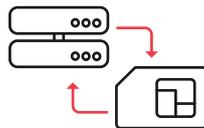
# Mercurius - OTA Platform

## Other features:



### User profile

History of changes made to the user's profile on each SIM/eSIM.



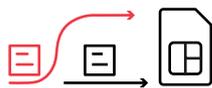
### Campaign management

Organization of SIM/eSIM update campaigns in a smart and continuous way by maximizing bandwidth and managing retransmissions, up to 100% coverage.



### Reporting

History of all transactions and details about every single operation performed on the users. The results are aggregated together with the success/failure rates of each campaign.



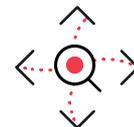
### Flexible Provisioning

Provisioning of user data and keyset security, through three different approaches: off-line, on-line, on-board provisioning.



### API

Interoperability with third parties by providing APIs, through secure channels managed by the operator.



### IMEI Tracking

Acquisition and management in real time of information such as IMEI, ICCID and IMSI, through the interaction with an applet installed on the users' SIM/eSIM.



### Administration console

Administration through an intuitive multi-user UI available for authorized operators. The authorization management is based on a multi-level structure.