



# Opencode iSIM OTA

## Gateway

*Over-the-air SIM Data Management*

### Reliable SIM data management throughout the entire SIM lifecycle

SIM card data management has always been an important activity for MNOs. Over-the-air (OTA) is a cost effective way to manage SIM data such as SMSC GTs, network brand name, preferred roaming networks, dual SIM numbers, etc. Silent SIM updates and changes (requiring no subscriber intervention) has been further simplified and automated by Opencode.

Opencode iSIM OTA GW provides secure multi-vendor card management throughout the entire SIM lifecycle. Based on Opencode's years of world-class core messaging and signalling experience, the solution offers a full range of support and management tools for maximum performance.

### Flexible acquisition, deployment and over-the-air transport options

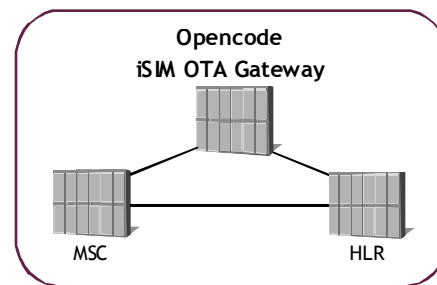
The platform, delivered either on CAPEX or OPEX model, can be hosted locally or as a service in the cloud. The solution can be deployed with the MNO's existing SMSC or more efficiently with a built-in SIM OTA SMSC. Other over-the-air transport options could be USSD and IP.

### Operator-defined Specific (SDN) and Fixed Dialing Numbers (FDN)

Operators can set and update in the SIM card essential numbers such as customer service, voicemail, service activation/deactivation, etc. Conveniently SDN numbers are visible to subscribers only by their predefined name and cannot be edited. Thanks to FDN-enabled handsets, users can be restricted to dial only emergency and operator-controlled numbers stored in the SIM. It is a great solution for many use cases such as parental control, professionals, seniors, etc.

### Prioritizing Preferred Roaming Networks

Opencode iSIM OTA GW allows MNOs to store and manage a list with preferred roaming partners based on their tariffs and offers. The operator's roaming subscribers can automatically benefit from these up-to-date partnerships.



### Highlighted Features

- Compliance to 3GPP TS 23.048, TS 31.115
- Built-in SIM OTA SMSC
- Over-the-air transport on SMS, USSD and IP
- Silent over-the-air SIM reading and updates
- Automated and manual update schedules
- Prioritization and repetition mechanisms
- Management of SMSC, voicemail, network name, dual SIM numbers, etc.
- Management of Operator Specific Dialing Numbers (SDN)
- Management of Fixed Dialing Numbers (FDN)
- Management of preferred roaming list
- Flexible CAPEX and OPEX purchase models
- On-premise and in-the-cloud deployment options
- WEB-based administration and OMC
- Business reports and statistics
- Multi-level logging
- Fault handling and SNMP alarming
- Simplex, high-available and geo-redundant configurations