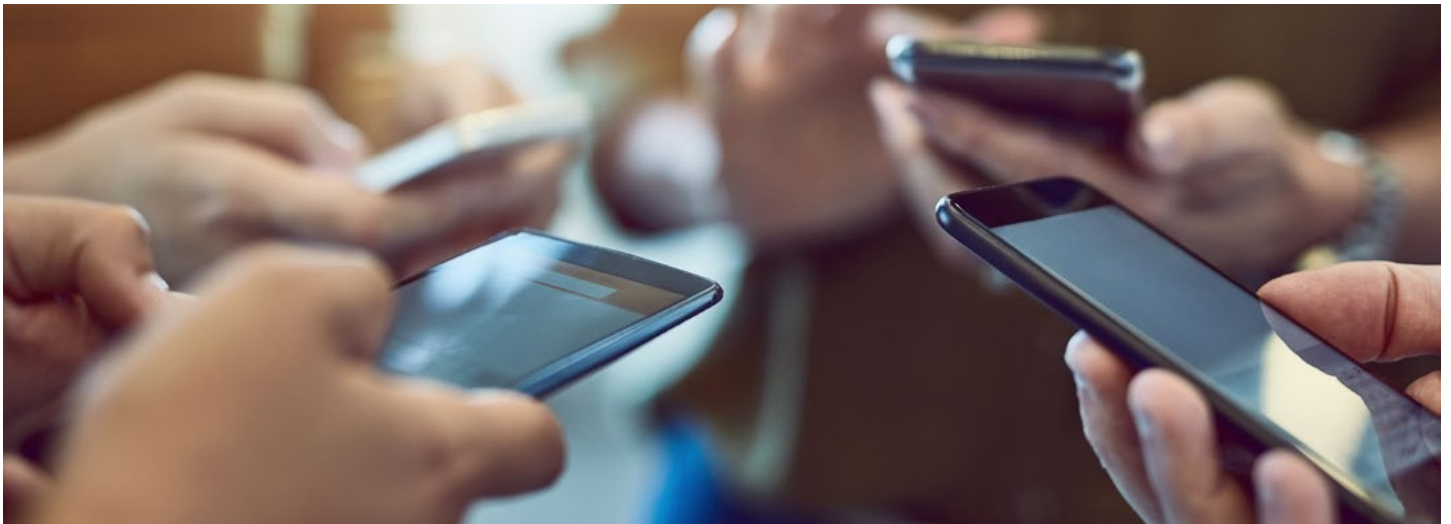


Mobile Connect Phone Number

Simple, consented access to a user's verified Phone Number.



Product Summary

Enables Service Providers (SPs) to request and receive the Phone Number (MSISDN) for a specific Mobile Connect user, provided that the user consents to sharing this information.

How it works

- SP issues a request for a user's Phone Number via the Mobile Connect OIDC API to the user's Operator¹
- The Operator processes the request and obtains consent from the user² (via their mobile device) for sharing the requested information (MSISDN)
- If consented to, the Operator provides the user's information (MSISDN) to the requesting SP

Example use cases

- Obtaining a phone number to enable the user to be contactable to finalise an eCommerce transaction
- Pre-populating an online form with a verified phone number to avoid data entry errors
- Enabling the SP to identify an existing (registered) user account (indexing using the MSISDN)
- Reducing Fraud by confirming the phone number of a particular user

Product features/benefits

- Service Provider receives verified phone number of the user
- Privacy preserving: explicit user consent required before information is shared
- Common user experience irrespective of the channel through which the user is interacting with the SP service (e.g., tablet, PC, mobile, Smart TV etc.)
- Can be initiated by the end user (e.g., via the user's browser when interacting with the SP website) or by the SP in the background hence supporting a range of diverse use cases
- Single open standard API (OIDC) from multiple operators worldwide and single contract for accessing the service

1. The SDK includes a Discovery service to determine the correct Operator for a given user

2. A number of consent models can be supported based on use case

Product Specifications

OIDC <scope> value	openid mc_phonenumber
Applicable Authenticators for acquiring user consent	Smartphone app, SIM applet, USSD
API	MC OIDC Device-Initiated Profile; MC OIDC Server-Initiated Profile ³
Input parameters	<scope>= openid mc_phonenumber; [Optional] PCR ⁴ of the target user (where required)
Service response	PCR, MSISDN
Supported platforms	PHP, JAVA, .NET

About Mobile Connect

Mobile Connect is a worldwide initiative by mobile operators to bring a wide portfolio of identity services to market that enable SPs and end-users to transact with one-another more securely through strong authentication, authorisation and exchange of user-consented verified information.

For more information please visit gsma.com/identity or email us at mobileconnect@gsma.com.

3. Server-Initiated mode can be used where the user is not interacting via an IP-connected device

4. Pseudonymous Customer Reference (subject identifier issued by Mobile Connect per user: SP pairing)