

MODRNA WG

The interface of MODRNA (Mobile Profile
of OpenID Connect) and GSMA Mobile
Connect

<http://openid.net/wg/mobile/>

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Purpose

- **Support** GSMA technical development of Mobile Connect
 - **Enable** Mobile Network Operators (MNOs) to become Identity Providers
 - **Developing** (1) a profile of and (2) an extension to OpenID Connect for use by MNOs providing identity services.
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Participants and Contributors

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moneyhub
enterprise 

■ ■ ■ **T** ■ ■ Deutsche
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T-Mobile[®]

 telenor

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U **UBISECURE**TM

T **TELSTRA**

 **PingIdentity**[®]

 **PSG | Solutions**

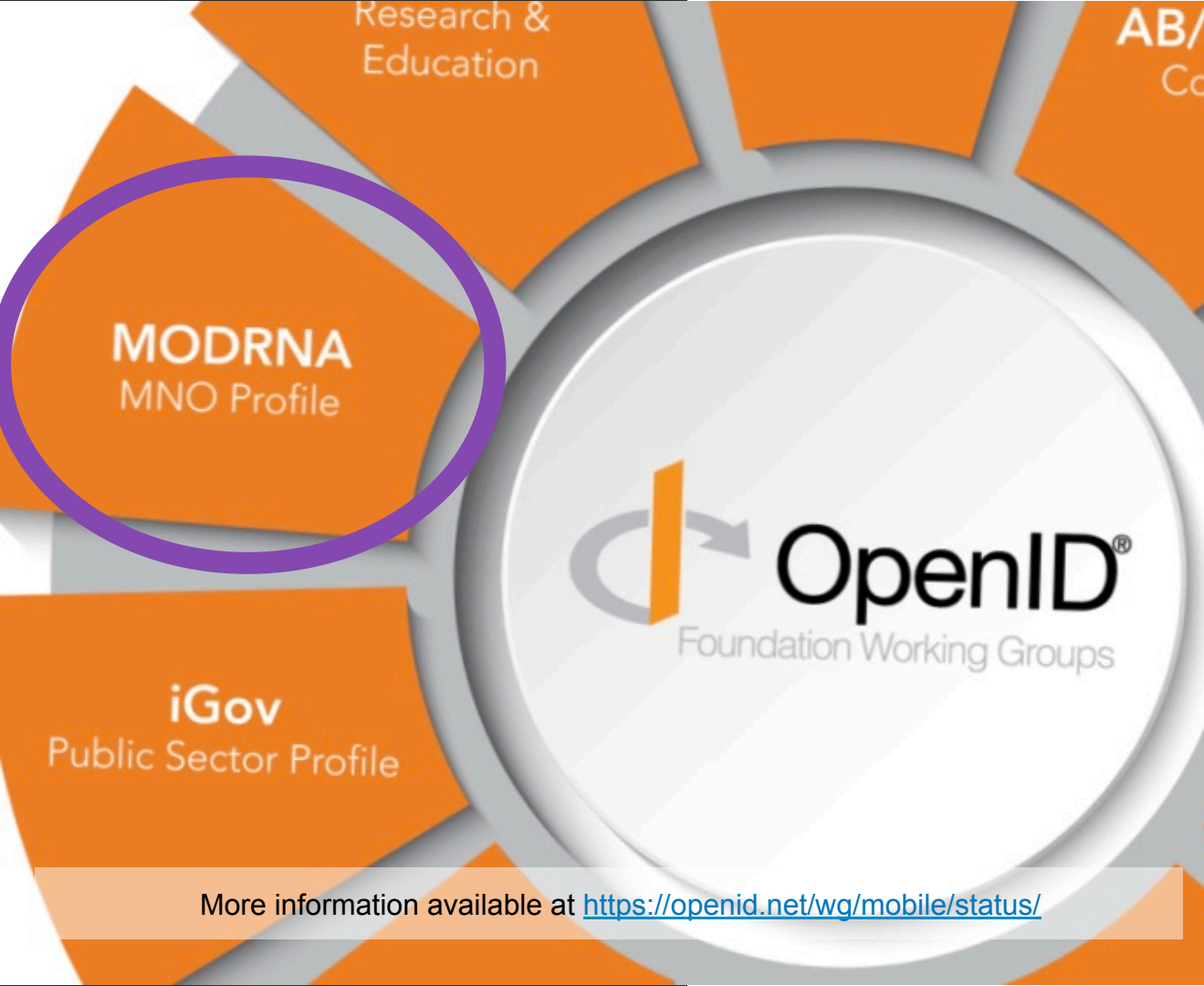


AUTHLETE

What is Mobile Connect

- Mobile phone numbers as user identifier.
- Mobile phone number as authenticator.
- MNO (Mobile Network Operator) as authentication/identity provider.
- Replace passwords and hardware security tokens.





WG Status

- **Four** specifications in **Implementer's Draft** status.
 - Authentication Profile, Account Porting, User Questioning API, CIBA Core.
- **Approved** second Implementer's Draft of **User Questioning API** specification.
- Starting preparation for **publication of CIBA Core Final specification.**
- Advancing several specifications to Implementer's Draft.
 - MODRNA CIBA Profile, Discovery Profile and Registration Profile.
- Receiving feedback from deployments in Europe and USA.
- Planning for **OpenID**

More information available at <https://openid.net/wg/mobile/status/>



MODRNA WG Collaborations and Outreach



1

*Evolution of **Mobile Connect** architecture, functionality and identity services.*

2

***RCS** (Rich Communications Services) services support for OpenID Connect.*

3

Configuration of device-based services with embedded SIM (ODSA, C-V2X) leveraging OpenID Connect for authentication.



- New **Identity and Data Group** (IDG) created to replace the MCIG (Mobile Connect Interest Group) to develop new identity products and services.
 - The development of requirements will be done with input from group members, GSMA communities (Financial Services, Automotive etc.) and/or directly from SPs participating in the IDG.
- New requirements on protocol/standards will be brought into the SDO community by members and/or through liaison.
 - Any **OpenID Connect enhancements** will be developed and standardized by **MODRNA WG**.
- Joint OpenID Foundation–GSMA Workshop planned for early June 2021.
 - Agenda to cover various technical work by the OpenID Foundation.

3GPP Mission Critical Services

3GPP (Third Generation Partnership Project) Mission Critical (MC) services support PSA (Public Safety Agencies) and other critical communications.

Identity management is part of MC system security architecture and **OpenID Connect MCX Profile** defined for user authentication.

Development of SEAL (Service Enabler Architecture Layer) to support vertical applications (such as V2X) services is based on MC architecture.



Identity Management is a common capability supporting **mission critical** and other **vertical applications**.



Create the future together.
