Are the Mobile Network Operators the gatekeepers to a Digital Identity 'Eldorado'?
Introducing the Mobile Connect Accelerator

MNO Business Stakeholders
- Enhanced Innovation
- New Revenue Streams
- Monetize Digital Assets
- Reduce fraud
- GDPR, MiFID II, PSD2

MNO API Team
- Open ID Connect
- Create Authorisation
- Consent Management
- Provide SSO Solution
- User Management

Service Provider App Developer
- Mobile and HTML5 Friendly
- 2\textsuperscript{nd} Factor Authentication
- Access Provider’s User Data
- Enhanced User Experience
- Enhanced User Consent Management

Subscriber
- Easy User Registration
- Ease of Use
- Password Management
- Self-Service of Profile
- Self-Service of Consent
- Experience SSO
The Mobile Connect Accelerator Service Description

- MCX Identity Gateway service management with routing capabilities and authentication services
- Data sharing with subscriber consent management
- Highest security, privacy and scalability for strong authentication services
- Digital identities supported with qualified signature
- End-user subscriber self-service registration
- Service Provider portal for registration, lifecycle management, support, invoicing and account management
- Robust cloud services and strong SLA
- Support OneIdentity API integration, SDK for API
- Support standard protocols: OIDC, SAML2
- Compliant with the Mobile Connect Service Mark
- Authenticators: SMS, IP, OATH, PKI
Supporting all relevant Security Protocols and Standards

- TOTP
- OAuth 2.0
- Mobile Connect
- FIDO

MSSP (e.g. CPAS8, GSMA)

- SAML 1.0
- SAML 1.1
- Liberty Alliance ID-FF
- SAML 2.0
- WS-Federation 1.1
- OpenID 1.0
- OpenID 2.0
- OpenID Connect
- OAuth 1.0
- OAuth 2.0
- Mobile Connect

Year Timeline:
- 1999
- 2002
- 2003
- 2005
- 2006
- 2007
- 2008
- 2011
- 2012
- 2014
- 2015
Mobile Connect Accelerator (MCX) makes your life easier
Convenient user journey for all

USER JOURNEY FOR MNO PORTAL & SERVICE PROVIDER

USER JOURNEY WITH EASY MOBILE EXPERIENCES

**ACME**

Please enter your OTP online or click the link below to validate your purchase of £12.30 on acme.com

128903

https://acme.com/buy?J=kEtUc&128903

Please validate your purchase of £12.30 on acme.com

**PIN Check**

Please enter your personal code to validate your purchase of £12.30 on acme.com
Start on the fly Mobile ID service with SMS

The Mobile ID entry level SMS OTP/HTTP allows MNO to quickly start Mobile Connect services with no client deployment constraints.

SMS CHANNEL ONLY
User receive an SMS which contain an OTC to be entered manually by the user on the web to access it.

SMS & DATA CONNECTION
User receive an SMS which contain a http header. By clicking the link you get access through the service.

User receive an SMS which contain a http header. By clicking the link you are requested to enter PIN.

The PIN is verified at server backend, to grant access to the service.

ACME

Please validate your purchase of £12.30 on acme.com
CODE:128903

Please validate your purchase of £12.30 on acme.com
https://acme.com/buy?J=kEtUc&

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MCX Journey

1. Login to Mobile Connect.
2. Enter your credentials and submit.
3. Confirm your identity through a message sent to your mobile number.
4. Authorize access to your mobile device.
5. Identification process completes successfully.

Powered by OIX

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Mobile ID is full of potential

...putting a single mean in users’ hands...

For Anonymous Logins
For Strong Authentication
For Payment Validation
For Identity Validation
For Mobile Signature
For Sign-up
For Attribute brokerage

...for all market segments.

eServices
CRM Cie
Utilities
Financial
Gaming, Media and Entertainment
Retail
And many more others...
Mobile Connect: 1 open standard, 4 products

- **Authentication**: The Mobile Connect Authentication products offer a simple, safe log-in mechanism for the user without the need for passwords or username.
- **Authorisation**: Mobile Connect Authorisation products allow end users to authenticate as well as authorise requests from service providers directly from their mobile phone.
- **Identity**: The Mobile Connect Identity products enable end users to engage with digital services quickly and efficiently, share data when they want to, and assert their identity where required.
- **Attributes**: The Mobile Connect Attributes products utilise device and network information for ID verification and fraud prevention.
In Q1 2018, 80% of online financial transactions were abandoned at checkout

Source: Statista 'Online Shopping Cart Abandonment Rate', 2018

vimeo.com/283655856