

The Ubiquitous Credential: Government-issued Identity in Your Phone and Your Life



Mobile devices are
the new **pockets.**



“AS WE BECOME MORE
CIVILIZED, *WE NEED*
MORE POCKETS.”

... a letter to mail ... pocketknife ...
money in bills, corkscrew, pencils,
fountain pen, handkerchief, bunch of
keys, timetable, bicycle road
directory, card case, cigar case,
watch, newspapers, probably a
picture of somebody, a lot of
memoranda, receipts and
statements of account, matches and
chewing tobacco, special tools of
their craft.”

New York Times- August 28, 1899 #identiverse

Pocket Watch

Camera

Health Monitor

Finance

Weather

Shopping

Phone

Maps

Cards



Pocket Watch

Camera

Health Monitor

Finance

Weather

Identity?

Shopping

Phone

Maps

Cards



Current landscape:

Policy and Technology



A world map with a black background and white outlines of continents and countries. Several regions are highlighted in solid blue. These include the United States (Alaska, Hawaii, and the contiguous United States), Brazil, the European Union, Italy, Nigeria, India, and Singapore. Each highlighted region is accompanied by a white rectangular label with a black border, containing text in white. The labels are: 'U.S. State Implementations (mDL)' for the US, 'Europe (eIDAS 2.0)' for the EU, 'Italy (SPID)' for Italy, 'Nigeria (e-ID Card)' for Nigeria, 'India (Aadhaar)' for India, and 'Singapore (Singpass)' for Singapore.

U.S. State
Implementations
(mDL)

Europe
(eIDAS 2.0)

Italy
(SPID)

Nigeria
(e-ID Card)

India
(Aadhaar)

Singapore
(Singpass)



WHY CAN'T THEY JUST FIX IT?

GAPS AND RISKS



Recognizing
Motivations at Scale

Technological
Limits

Missing Protections
in Existing Standards



All is not lost!

Recommendations

BACK TO BASICS



Individual
Agency

Systematic
Transparency

Data
Minimization



Selective
Disclosure

ADDRESSING ONGOING CONCERNS

Individual
Agency

Systematic
Transparency

Data
Minimization

Selective
Disclosure

Surveillance

Diversity
Equity
Inclusion

Single Points
of Failure

Inappropriate
Use By
Legitimate
Actors

Sustainable
Protections

EMERGING CONCERNS

Digital Warfare

Deepfakes

Metaverse

Generative AI /
Large Language
Models

#identiverse

Government-Issued Digital Credentials and the Privacy Landscape

Government-Issued Digital Credentials and the Privacy Landscape

Lead Editor: Heather Flanagan
4 May 2023

Citation:
Flanagan, Heather, ed. "Government-Issued Digital Credentials and the Privacy Landscape." *OpenID Foundation*, May 4, 2023. <https://openid.net/Government-issued-Digital-Credentials-and-the-Privacy-Landscape-Final>.

Date	Revision
4 May 2023	Publication of final v 1.0
5 April 2023	Publication of public comment draft
14 March 2023	Publication of private comment draft

• <https://openid.net/Government-issued-Digital-Credentials-and-the-Privacy-Landscape-Final>

Have questions?

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