UK perspective on digital identity

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Government Digital Service
Why we need digital identity
The vision:

People can create, use and reuse digital identities across the public and private sectors
The vision - Transformation:

Digital identities can enable wider transformation of services - omni channel & attribute exchange.
1. Digital transformation
2. Economic development
3. International trade
4. Social inclusion
5. UK safe place to live and work
Where we were
There is no mandate for a centralised identity register in the UK
Any identity system in the UK needs to exist without creating a citizen register

Users need to have choice and control
Government digital identity scheme
Oversight
Crown Commercial service, Infrastructure and Projects Authority, National Audit Office, Official Committee on Security

Policy & Contracts
Framework Agreement (Cabinet Office), MOUs with DVLA, HMPO and RPs, Government Security Policy Framework

Compliance
GDS Service Delivery Requirements, GDS Cyber and Information Assurance Policy

Audit
tScheme, GDS Internal Gating and Monitoring, NCSC, PCAG, Cyber & IA

Industry documentation
SAML Technical Specifications and documentation, GPG 45, GPG 44, IPV Operations Manual, Privacy Principles

Technical implementation
IDPs, GOV.UK Verify Hub, RPs
GOV.UK Verify uses a federated model - not a centralised register of identities
Uses Document Checking Service and other mechanisms to check (not store) identity details
Over 4 million unique, verified accounts; over 10 million transactions to date

Completion rates on the rise

Significant organic growth: user volumes have almost doubled in last year
Press release

Digital mortgage signed by borrower and registered at HM Land Registry

Coventry Building Society and Enact Conveyancing lodge the first digitally signed mortgage for a house in Rotherhithe, London.

Published 5 April 2018
From: HM Land Registry

Credit: Ekaphon maneechoit/Shutterstock
Collection

Defence Cyber Protection Partnership

DCPP is a joint Ministry of Defence (MOD) and industry initiative to improve the protection of the defence supply chain from the cyber threat.

Published 2 June 2016
Last updated 24 January 2019 — see all updates
From: Ministry of Defence

Contents

— What is the DCPP?
— How to comply with the CSM
— Communicate DCPP to others
Mitigating fraud
Identity fraud costs the UK economy between £5 billion and £14 billion each year.
Criminals need identities

looking for a UK birth certificate

looking to get a new canadian identity

I'm looking to buy a Canadian identity, female to be exact. I'm a Canadian myself so not looking to gain illegal access just looking to change my identity and credit score.

Thanks!

Looking for a passport on the dark web and used it

I really work? I want to settle down in a EU country I have normal visa but it will not work when I travel to my country and come back. The sellers who claim on the dark web and high security quality compared to the original passport. Can I get a passport?
Criminal financing and money laundering
Drug production
Trafficking and distribution of products
Financial fraud
Organised property crime
Migrant smuggling
Trafficking in human beings
Government interoperability
Enabling digital identities to be used across borders
I just logged into my British tax account with a German ID. This is amazing European collaboration! Congrats to the #elDAS team at @GDSTeam @GOVUKverify and their colleagues in Germany! #personalausweis #digitaleVerwaltung

Verify is the new way to prove who you are online
Why is change needed now?
The vision:

People can create, use and reuse digital identities across the public and private sectors
There are divergent and inconsistent approaches to digital identity in the UK

Pinch points across ecosystem

Business, technical and legal model
GOV.UK Verify has been the beginning of a federated digital identity ecosystem but it has had limitations
Market engagement has highlighted that government needs to provide clarity on direction and strategy for how digital identity can be used across sectors.
There is a requirement for GOV.UK Verify to evolve before the end of its current contracts so that HMG will be ready in March 2020 to provide a new offering for public services.
Next steps
A trust framework for identity and attributes
The trust framework - rules, standards, specifications and agreements for how a digital identity and attributes consumed and made available by government
This isn’t something government can do alone.

We’ll be engaging over the next few months to make sure we design something which works.
Focus:

- Model for public & private partnership
- Trust framework
- Commercial Model
- Citizen, business & employee identity
- Interoperability with industry - 5AMLD
- International - eIDAS, N. America, Asia
Thanks!

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