

Group I: Improved Access to Public Services through National ID Management



GOVTECH
SINGAPORE

Jennifer Tan, Director
Strategic Planning & International

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Background: National ID in Singapore

- All residents are issued with an identity – an unique identifier ‘
 - Citizens: at birth – birth certificate; at 15 years old – a National ID card
 - Residents with work status
 - Permanent Residents

In addition, every resident has a digital ID to transact online with the government.

Evolution of National Digital ID in Singapore



SingPass (2003–2014)

One Factor authentication (password) to access e-Gov services

Enhanced SingPass (2015–2017)

2FA for all e-Gov transactions

MyInfo (from April 2016)

Consent-based platform for verified info, citizens provide info only once.

CorpPass (from Sep 2016)

Single Corporate Identity to transact with the govt.

National Digital ID (NDI)

NDI framework allows citizens and businesses to transact online in a convenient and secure manner.

Overview of SingPass

The screenshot displays the SingPass website. At the top, the SingPass logo is accompanied by the text "Singapore Personal Access". To the right, the Singapore Government logo is visible with the tagline "Integrity · Service · Excellence". A search bar is located below the government logo. Navigation links include "Home", "My Account", "Services", and "MyInfo", with "Home" being the active page. A secondary navigation bar contains links for "FAQ", "About Us", "Instructional Guides", "Counter Locations", and "News".

The main content area features an announcement titled "Announcement for Upcoming Scheduled Maintenance". The text states: "SingPass will be undergoing scheduled maintenance on 03 Dec 2017 12am to 8am, and will not be available during this period. [Your SingPass account contains a lot of personal data. Please do not share your username, password and 2FA details.(SMS or Token OTPs)]."

Below the announcement is a large image of a woman using a laptop. To the right of the image is the login section, which includes fields for "SingPass ID" and "Password", a "Login" button, and a link for "Forgot SingPass ID or Password?". Below the login fields, there are links for "Don't have a SingPass account? Register Now" and "Received an SMS about 2FA auto-registration? Find Out More".

At the bottom right, there is a section titled "Ask Jamie @ SingPass" with a photo of a woman and a text input field for asking questions. The URL at the bottom of the page is "http://passsingpass.com/en/askwith2fa/index.html?c=679656667554787" and the text "with 2FA" is visible.

Overview of MyInfo



<http://www.myinfo.gov.sg>



What data items are in MyInfo?



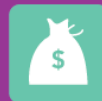
- NRIC
- Name
- Sex
- Date of Birth
- Nationality
- Country of Birth
- Race
- Dialect



- Relationship
- Name
- ID Type
- ID Number
- Marital Status
- Marriage Date
- Divorce Date



- Name of Employer
- Occupation
- Highest Education Level
- Name of School
- Year of Graduation



- Yearly Assessable Income
- Year of Assessment
- Monthly Household Income
- CPF Account Balances
- CPF Contribution History (14 Months)



- Mobile Number
- Home Number
- Email Address
- Mailing Address
- Billing Address
- Registered Address
- Type of Housing



- Ownership of Private Residential Property
- Vehicle Number

Myinfo is presently available at 40 digital services from 20 agencies.



Education



Employment



INLAND REVENUE
AUTHORITY
OF SINGAPORE



Marriage



Having Children



Ageing



Others:



“Tell Us Once” rollout to 110 digital Services from 40 agencies by 2018

Myinfo is also open to the private sector

Myinfo e-KYC is available with  DBS  OCBC Bank  Standard Chartered  UOB



Legacy Process

Regulatory Requirement

- Proof of Identity
- Income statements
- Other supporting docs



With MyInfo

Verified Data
From
Authoritative Source
through APIs



Seamless bank
account
opening



KYC And
compliance
efficiencies

Outcomes

Convenience for citizens
and
Productivity and cost
savings for businesses

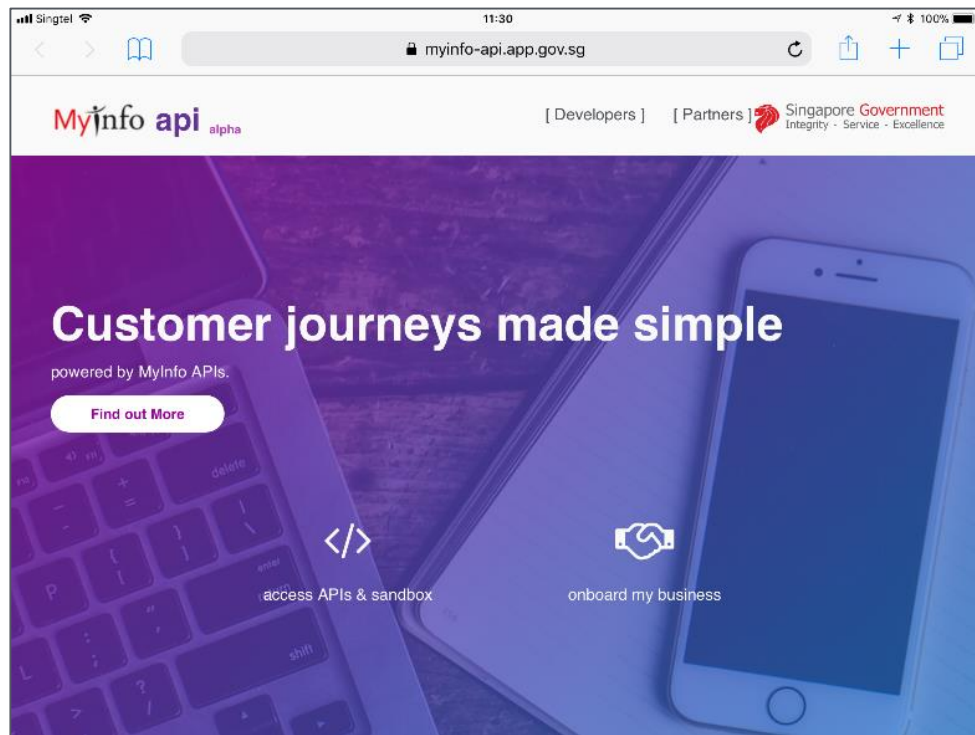
MyInfo - open for developers to integrate into external apps

Developer Portal

- Build new apps or upgrade existing ones to integrate with MyInfo
- Open access to sandbox APIs, source code and technical documentation

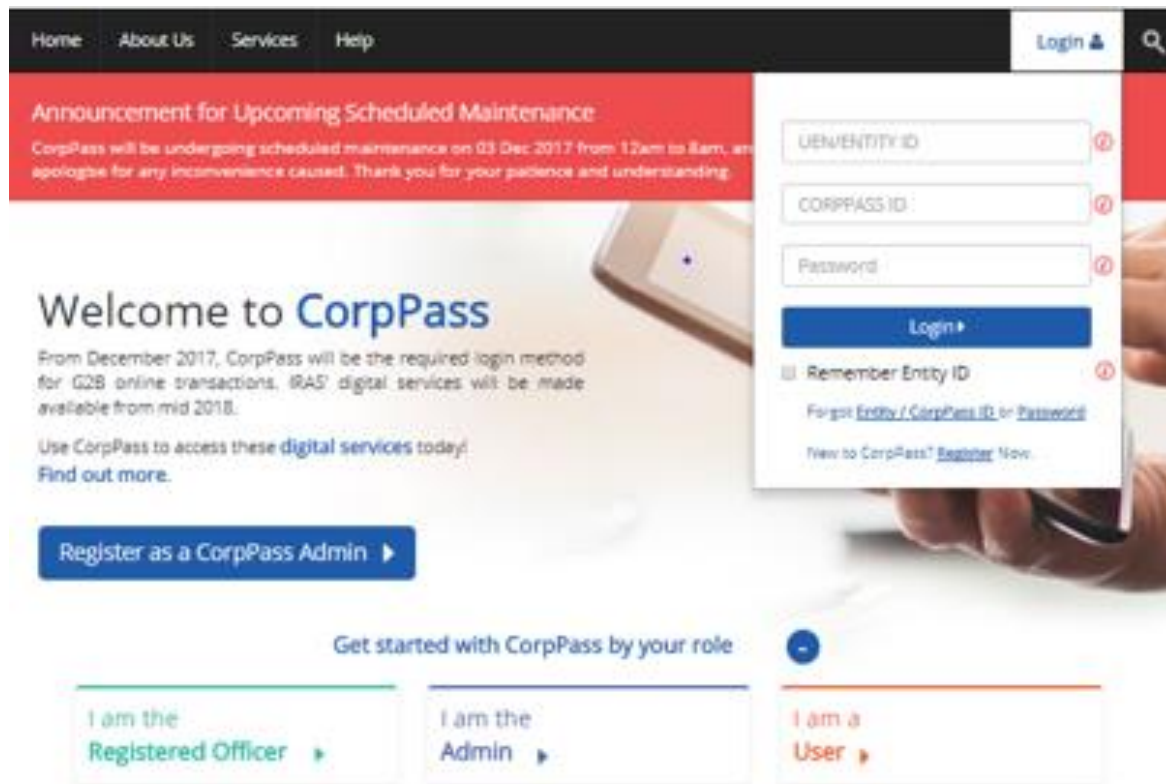
Business Partner Portal

- Integrate consent-driven citizen data into their workflow and apps
- Digitalise, simplify & automate customer interactions
- Potentially fulfill customer transactions instantly



<https://myinfo-api.app.gov.sg>

Overview of CorpPass



The screenshot shows the CorpPass login interface. At the top, there is a navigation bar with links for Home, About Us, Services, and Help, along with a Login button and a search icon. A red banner at the top left contains an announcement about scheduled maintenance on 03 Dec 2017. The main content area features a 'Welcome to CorpPass' message, explaining that CorpPass will be the required login method for G2B online transactions from December 2017. Below this, there is a 'Register as a CorpPass Admin' button. A 'Get started with CorpPass by your role' section offers three options: 'I am the Registered Officer', 'I am the Admin', and 'I am a User'. On the right side, a login form is displayed with fields for UEN/ENTITY ID, CORPPASS ID, and Password, followed by a Login button, a 'Remember Entity ID' checkbox, and links for 'Forgot Entity / CorpPass ID or Password' and 'New to CorpPass? Register Now'.

Home About Us Services Help Login

Announcement for Upcoming Scheduled Maintenance
CorpPass will be undergoing scheduled maintenance on 03 Dec 2017 from 12am to 8am, and apologise for any inconvenience caused. Thank you for your patience and understanding.

Welcome to CorpPass

From December 2017, CorpPass will be the required login method for G2B online transactions. IRAS' digital services will be made available from mid 2018.

Use CorpPass to access these digital services today!
[Find out more.](#)

[Register as a CorpPass Admin](#)

Get started with CorpPass by your role

- [I am the Registered Officer](#)
- [I am the Admin](#)
- [I am a User](#)

UEN/ENTITY ID
CORPPASS ID
Password
[Login](#)
☐ Remember Entity ID
[Forgot Entity / CorpPass ID or Password](#)
[New to CorpPass? Register Now](#)

Businesses can transact using more than 130 Government digital services managed by 50 Government agencies

National Digital Identity Platform is key part of digital infrastructure for the nation



Transactional Security

- Ability to **associate** online activities with **real entities**
- **Greater robustness** in identification compared with physical identity cards



Economic Value

- **Increased ease and reduced cost** of customer acquisition
- **Paper-less, presence-less productivity**
- **New business models** from new online transactions



Citizen Convenience

- Seamless **linkage across domains** and services
- Convenience of more **remote** transactions

National Digital Identity in Singapore moving forward....

Impetus



Transactional Security



Economic Value



Citizen Convenience



Design Principles



Operate in
tandem with NRIC



For SCs and PRs



**Strength of
Identity
Assurance**

- Trusted by users to have high identity assurance



**Legal Provisions
and Liabilities**

- Safeguards in place to mitigate the risks of identity fraud
- Liabilities of all parties are clearly defined



**Security and
Usability**

- Enable higher assurance transactions
- Ease-of-use and cost-efficient, to encourage adoption by individuals and companies



**Open and
Pervasive**

- Available to both public and private sectors
- Open architecture to allow private sector to offer value-added services

Thank you

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