



الهوية الرقمية
UAE PASS

The First National Digital Identity

UAE PASS



2013



“We aim to create a mobile government that reaches all people in the UAE. We want a 24/7 government. We want everyone to be able to access the government services via smart phones. We want this to be realized within two years”

His Highness Sheikh Mohammed Bin Rashid Al Maktoum



Existing Solutions



2013

185,000+ users

16 entities



الدخول الذكي
SmartPass

2016

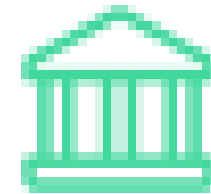
1.2M+ users

55+ entities

Challenges



Multiple systems and credentials



Physical visits to complete government transactions and signatures



**HOW MIGHT WE MAKE THE
CITIZEN'S EXPERIENCE EVEN
HAPPIER?**



الهوية الرقمية

UAE PASS

“The UAE’s National Digital Identity”

National Level Collaboration

In October 2017, Smart Dubai signed an MoU with TRA, to develop a single trusted digital identity solution in the UAE.





October 16th 2018





UAEPASS FEATURES



Key Features



**Mobile-based
identity**



**Single trusted
identity**



**Digital
signature**



Security Assurance



Built on National PKI



**Industry Standard
Authentication and Signing
Certificates**



**Secure storage of keys on
Mobile and HSM**



START YOUR UAEPASS JOURNEY

Download the app





Sign up in 3 steps



SCAN

Scan your Emirates ID
or Passport



VERIFY

Verify your Mobile
Number and Email
Address



SECURE

Secure your Account
with a PIN



Or migrate from existing solutions

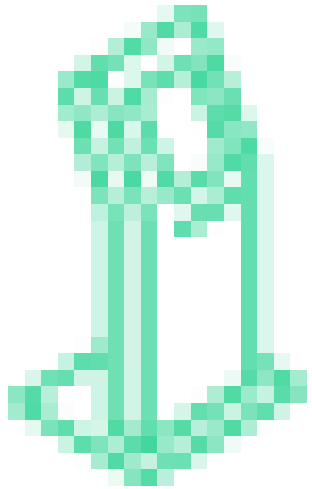


الدخول الذكي
SmartPass



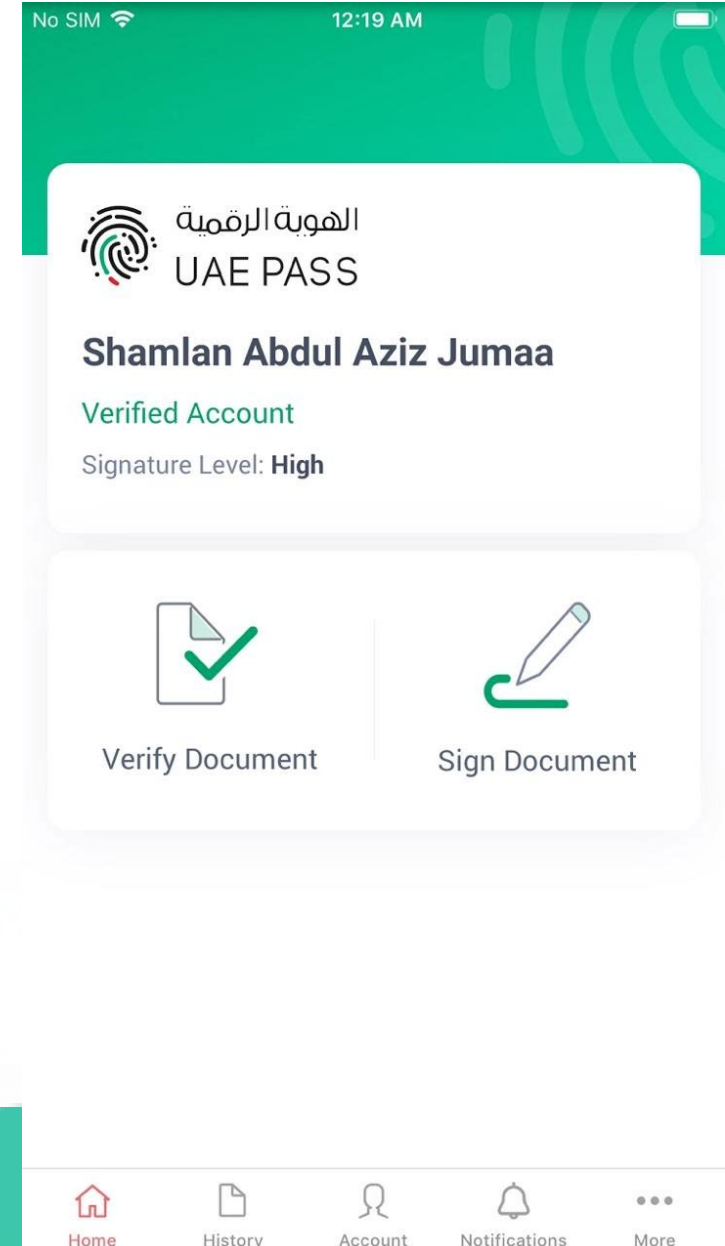


Step up your account



Visit the nearest kiosk to complete the verification process

Required to enable digital signing





Faisal Alhawi ▾



Home



Account



Sign&Verify



Support

Sign & Verify

Last login 08:43 pm 20 Oct 2018

Sign

5

Signed

Last Signature
12:30 pm 17 Oct 2018

Signing a Document

Digital Signature

16 Oct 2021

History

Type	Document name	Validation	Date
PDF	UAEPASS Mobile Application	Valid	08:44, 20 Oct 2018
PDF	Self-Service Portal	Valid	12:30, 17 Oct 2018



UAE PASS PROFILES



UAE PASS User Profiles

UAE PASS has the capability to enroll users in two groups:

1. Basic profile: For users with less strict validation during the enrollment process (e.g. country visitors, external users), with confirmed email and mobile numbers.
2. Verified profile: for users who have gone through an identity vetting process (i.e. Emirates ID holders, Federal document such as Passport, Driver License), where profile attributes are validated.

Different rights will be assigned to the two groups of users, which are stated as follows:

1. Basic profile, can only access online services (provided by Service Providers) using their Digital ID, with no privilege to sign documents.
2. Verified profile, can access online services (provided by Service Providers) using their Digital ID, and sign documents.

Note: The level of access granted by the Service providers to the users must be based on the Service Provider's access policy guidelines.

UAE PASS User Profiles



BASIC PROFILE

SOP 1

Confirmed email and mobile number

User Level

Enrollment channels



Mobile App



Trusted IdP

Collected Attribute Categories

- Basic personal info
- ✓ Contact info (Email + Mobile)

Enabled Services

- Out of band Authentication (for web and mobile services)

Example of Use Cases

- Informative services
- Public services

User Keys Protection



TEE - Secure Enclave (SE) or Android equivalent

✓ Verified attributes

VERIFIED PROFILE

SOP 2

In-person proofing, in-person antecedent



Online/offline agents



Trusted IdP



Face-to-face agent

- ✓ Basic personal info
- ✓ Identification document info
- ✓ Contact info (Email + Mobile)

- Out of band Authentication (for web and mobile services)
- Digital signing (mobile based authorization)

- Rentals, e.g. cars, apartments
- Selective government services



TEE

+



HSM

SOP 3

In-person proofing, no in-person antecedent, biometric verification



Face-to-face agent



Kiosk

- ✓ All data from Emirates ID
- ✓ Contact info (Email + Mobile)
- ✓ Additional bespoke data, e.g. AD gov data

- Out of band Authentication (for web and mobile services)
- Digital signing (cloud based password)

- Establishing business, e.g. EODB
- High values assets transfer, e.g. real estates
- Banking



TEE

+



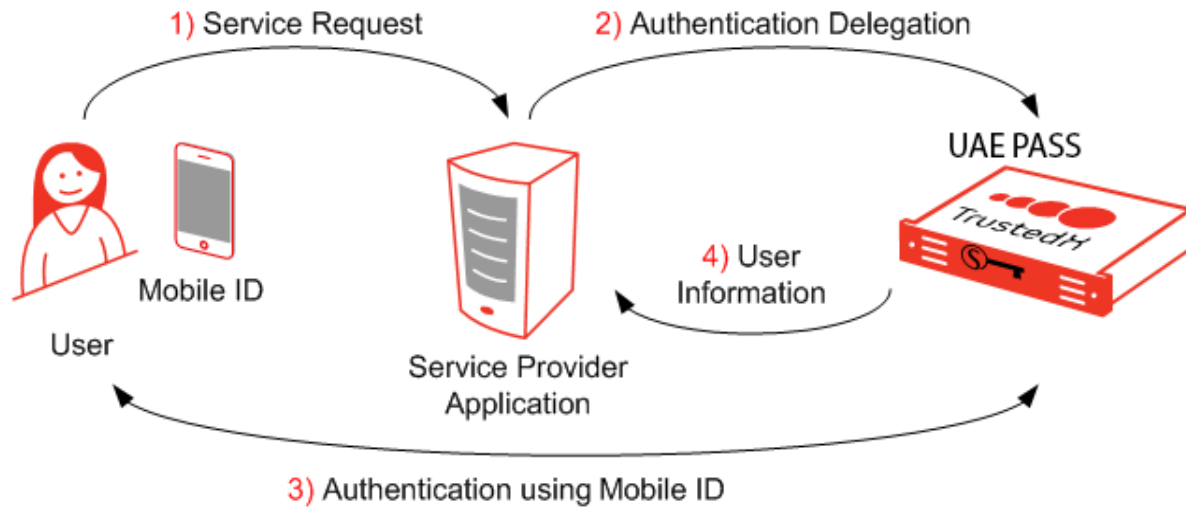
HSM



UAE PASS AUTHENTICATION & CUSTOMER KYC



User Authorization Process Using OAuth 2.0



When a Service Provider is authenticating a user through UAE PASS, the ACG (Authorization Code Grant) flow needs to be used.

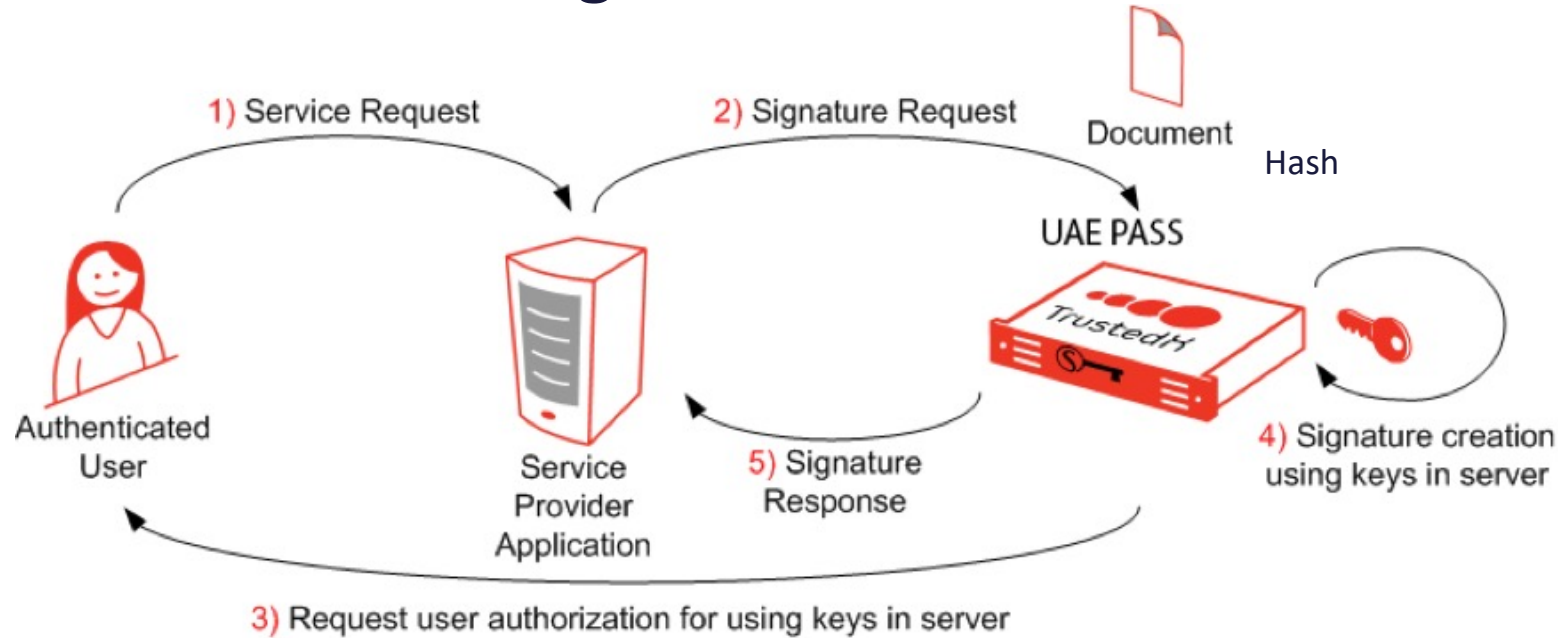
This process entails:

- Obtaining authorization
- Obtaining the access token
- Accessing the resource



UAE PASS DIGITAL SIGNATURE

UAE PASS Document Signature



Service Provider can delegate the document signing process for a user through UAE PASS. This signing process entails:

- Obtaining the token for accessing the signature operations – Cover in previous process
- Creating the document signature process
- Executing the document signature process
- Obtaining the signed document Hash
- Service Provider embeds the Signature Hash in the document



We are one step closer to our target...

But we still have a long way to go!

**Our goal remains intact; to make UAE
the happiest country on earth!**





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UAE PASS



THANK YOU

For more information visit uaepass.ae