

Secured Authentication and Approval in CyberWorld

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Agenda

Current Situation

1. Paper > Digital (e-Govt)
2. New issues with new problems
 - Multiple data & form filling online
 - Security concern of fake & hacking
 - Difficult processes for Elderly
1. New problems requires new solutions

Solutions

1. Secure identity management to a trustworthy online service & authentication
2. Workflow for bulk operations & Digital signing for multi-documents
3. Easy-to-use frontend

User Journey



Identity Management

New Approach is Required

Yesterday



IDENTITY
as part of the stack

Today

Infrastructure



Applications



Platforms



APIs



Devices



IDENTITY

Independent and Neutral Platform



Employees



Contractors



Partners



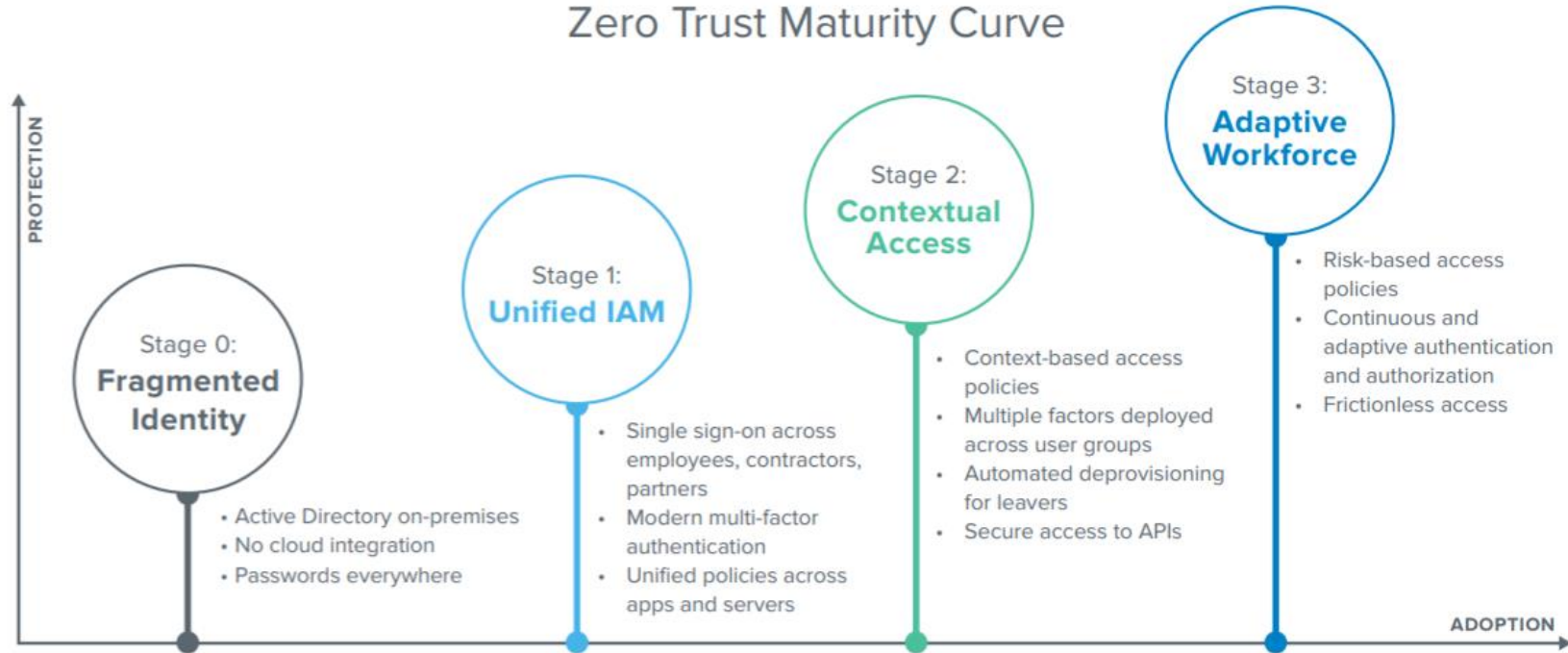
Suppliers



Customers

Making Identity the Foundation of Zero Trust

Zero Trust Maturity Curve



Multi-Factor Authentication Options (Enterprise grade)



Security question



Passwords



SMS, Voice, and Email OTP



Software OTP



Okta Verify Push



FIDO 2.0/Webauthn factors



Biometrics, Any SAML/OIDC auth provider



3rd Party MFA Provider

High assurance

Biometric Factors



Touch ID



Windows Hello

Real Time Face Recognition for Authentication



Record in “iAM Smart”

= Connected by “iAM Smart”
with coming up new function
“Step-up Authentication”

Face Recognition
triggered by APP



Use Case - NGO License Application (with “iAM Smart” integration)

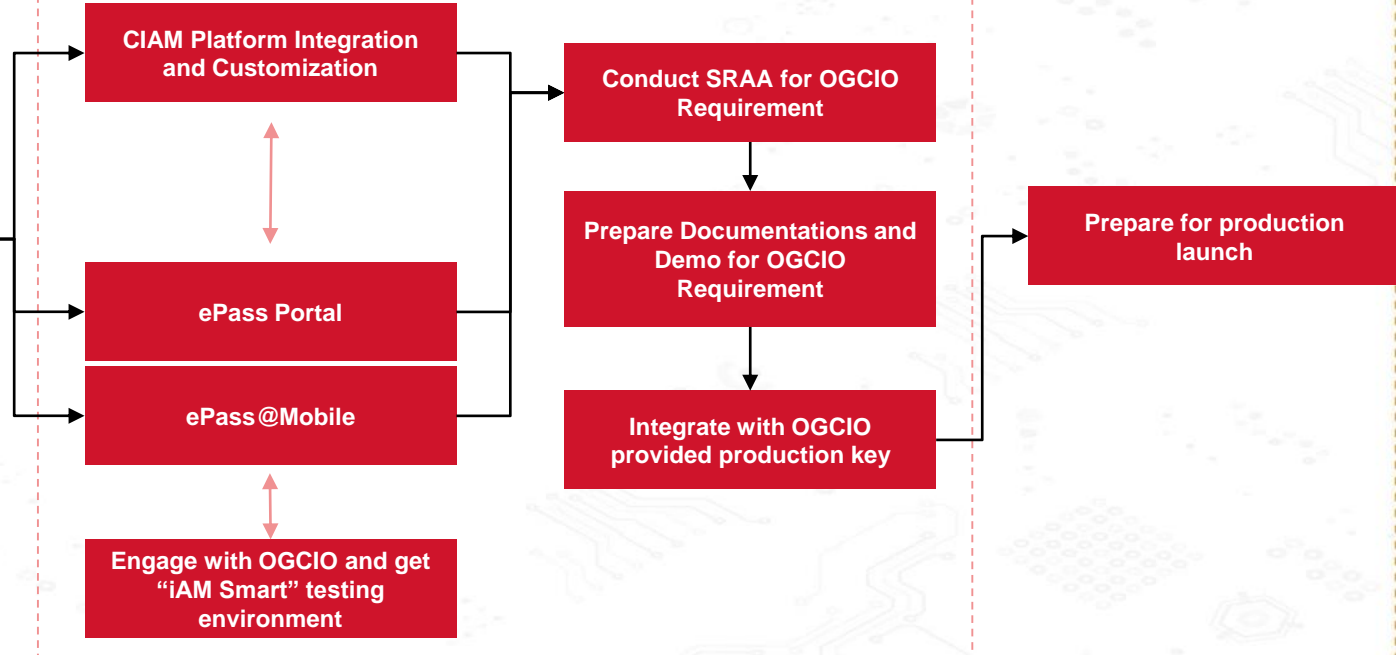
Module Deployment

iAM Smart Integration



Foundation Development
(Frontend/Backend)

- ePass User Portal
- Proxy Server for iAM Smart Integration
- API Service for user portal
- API Service for iAM Smart



Potential / Successful Use Case

- e-portal for student services with authentication
- Funding application
- Centers Operation System and field applications
- e-licence applications
- Mobile digital matching platform for jobs/works matching
- Corporate Mobile apps
- Form filling application for construction site works

Digital Signature

Go “Paperless”

Nowadays everyone suffering on the paperwork to handle documents i.e. tender, contract, statement etc.

At the same time, it creates a lots of issues:

- Security Issues
- Housekeeping
- Time-consuming back and forth communication and document signature
- Environmental Damage

It's **CRITICAL** now



Under the Digital Transformation
Something needs to be followed:

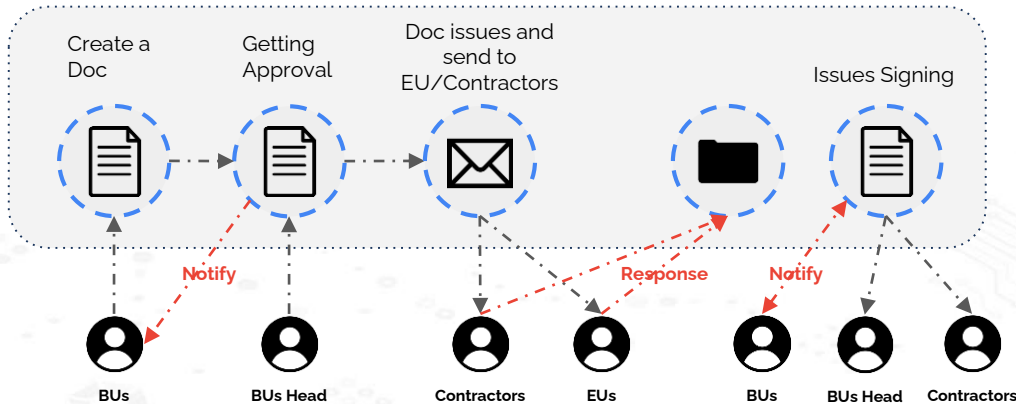
Time-to-Market
Data-Driven
Real time statistic for analysis

Getting Started “Paperless” with Digital Signature

Project Sign-niche provides one-stop digital signature workflow

- Encourage our customers to go for digital signature and documents
- Remove the back and forth communications
- Standardized workflow and remove the human-managed SOP

Our Solutions



Use Cases



Application Workflow



Contract Signing



e-Procurement

One-Stop Digital Signature Workflow

Dashboard

Welcome Back Kelvin!
Choose the right plan for your team!
[Take a Look](#)

Recently

Quotation 123 Quotation 123 Quotation 123 Quotation 123 Quotation 123 Quotation 123 Quotation 123

Recently Document

Status: Pending x No. of invitee: 1 x [More Filters](#)

RFQ Name	Ref.No	Owner	Start Time	Due Time	No. of invitee	Returns bids	Action
Test HKAM	test HKAM01	Andy Chan	10/03/2023 09:00	17/03/2023 09:00	1	0	Open Delete
Test HKAM	test HKAM01	Andy Chan	10/03/2023 09:00	17/03/2023 09:00	1	0	Open Delete
Test HKAM	test HKAM01	Andy Chan	10/03/2023 09:00	17/03/2023 09:00	1	0	Open Delete

[+ Create Document](#)

[Sign Out](#)

Contractors / End User receive the document in pdf format and request for a signature



Dashboard

Provide a view in Dashboard, and show the uncompleted status of the document

One-Click Document Creation with your predefined template

選擇報價之分行: 旺角 灣仔 (如成功申請, 必須親臨分行辦理手續)

財務狀況: 債務重組 破產中 已解除破產 不適用

申請貸款額: 港幣 \$ 貸款期數: 月

姓名: 英文姓氏 英文名字

香港身分證號碼: - ()

申請人聯絡資料: 流動電話 +852 WhatsApp

薪金: 港幣 \$

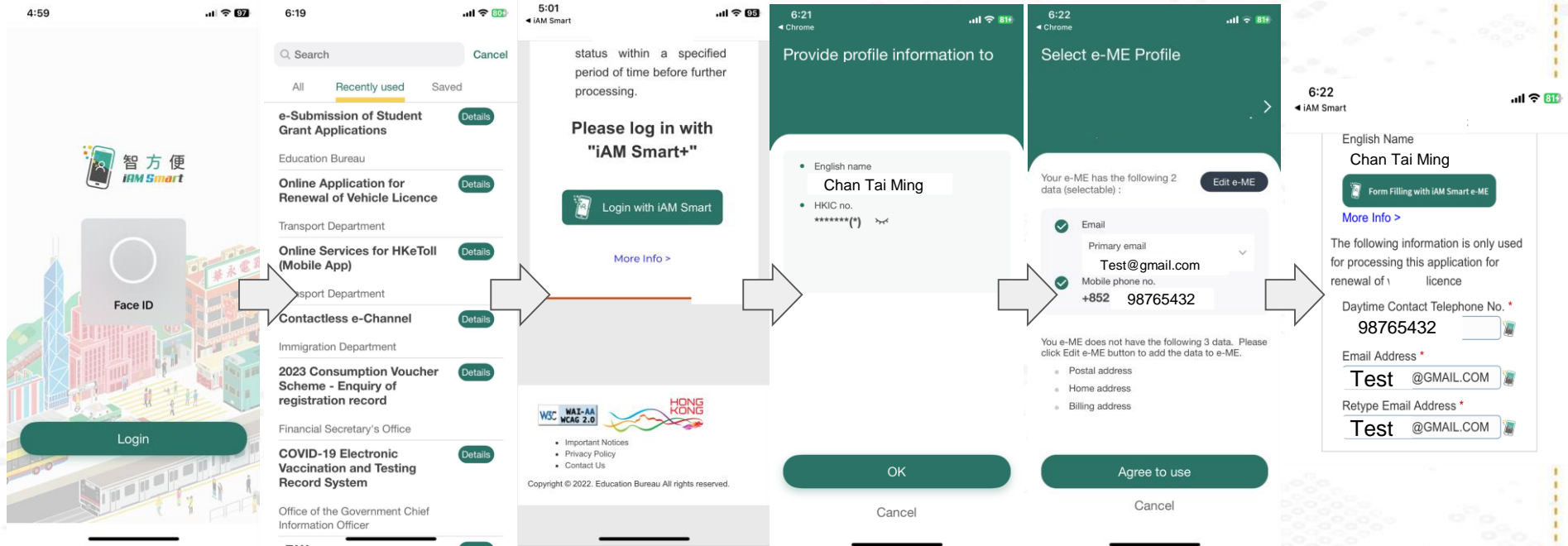
支薪方式: 銀行轉帳 支票 現金

得知本公司章程: Facebook 戶外廣告 電台廣告 Yahoo Google 宣傳單張 朋友介紹 小巴廣告 其他: 請註明

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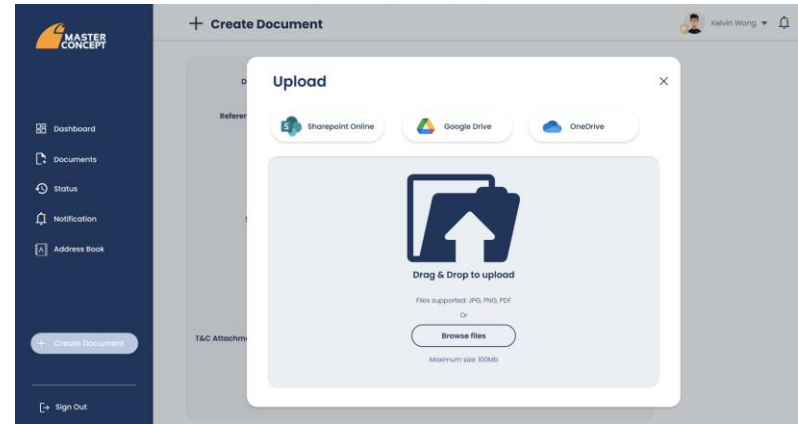
Automated Input by "iAM Smart"



Security management

Document Management *(Professional or Enterprise Plan)*

- Signed document write-back to customer's repository (Sharepoint Online, OneDrive for Business, Google Drive (Corporate))



User and Account Management

- Role based Access Control, allows user access with different level of control
- Audit Logs
- Support 3rd party SSO Integrations *(Professional or Enterprise Plan)*

Audit Log

Search ... Search Reset

Event	Name	Created By	Event Time
update RFQ status	test	Elsie Leung	02/03/2023 16:01:02
update RFQ status	test	Elsie Leung	02/03/2023 15:01:02
update RFQ status	test	Andy Chan	02/03/2023 14:46:25
update RFQ status	test	Andy Chan	02/03/2023 14:46:25
update supplier	kelvin.wong@hkmci.com	Andy Chan	02/03/2023 14:45:38
create supplier	abc@hkasd.com	Andy Chan	02/03/2023 14:44:48

Use Cases - e-Tendering submission

1

Quotation Submission

Name: Test 03*

Reference Number: Test 03*

Site Applied: HPBD

RFQ Start Date: 22/08/2022 11:00

RFQ End Date: 29/09/2022 09:00

Company Name: jessie

Company Email: jessie.huen@hkmc.com

RFQ Terms & Conditions: View

Last Submitted: Not Submitted

Go To Submit Declined to Offer

RFQ info page to view the submission deadline
Click Go To Submit for submit the quotation

2

Site Applied: HPBD

RFQ Reference Number: Test 03*

Company Email: jessie.huen@hkmc.com

You will be redirected to the Adobe Sign website.

Confirm Cancel

Confirm to link to adobe sign

3

2 required field(s) remaining

Reply To RFP

RFQ Name: Test 03*

RFQ Reference Number: Test 03*

RFQ Start Date: 2022/08/22 11:00:00

RFQ End Date: 2022/09/29 09:00:00

Company Name: jessie

Email Address: jessie.huen@hkmc.com

Contact Person: [Redacted]

Attachments: [Redacted]

Photo Library

Take Photo

Choose File

In the adobe sign form, supplier able to submit the quotation and fill in required information, this part can be enhanced by **"iAM Smart" form filling**

4

Type Draw

Sign Here

Enter your name

Close Apply

After attached the quotation, supplier required to sign for confirm the quotation and various legal documents (**multiple documents signing with "iAM Smart" coming up new function "Bulk Signing"**)

5

Enter Your Information

Please enter your email and then click to sign this document.

Email

Cancel Click to sign

Double confirm the email address

Total Solution

Virtual waiting room

Online Booking System

You are now in the queue to enter the Online Booking System. The system is currently processing a large number of applications. Please wait patiently for your turn. Successful candidates will be automatically connected to the Online Booking System.



Estimated arrival time : 3:05 PM

Your estimated waiting time is : less than a minute

Latest update at : 3:04:26 PM

You may minimize the webpage while queuing. You will have to queue up again if you close this webpage or the browser.

With integration on Virtual waiting room with “iAM Smart”, we can match user identity, this could be applied to allocate to different queue and also increase efficiency in later step of form filling function



最近更新狀態: 上午11:45:16 GMT

Conclusion: Total Solution

Frontend: user friendly design + Virtual waiting room to allow application capable for various traffic flow

Application workflow: implementation of digital signature that allows data pre-fill and multiple document signing

Identity management: embed the whole process under security authentication, so to make sure the process is accountable and protected from fakes.

Thanks!

Any questions?

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johnathan.ip@hkmci.com