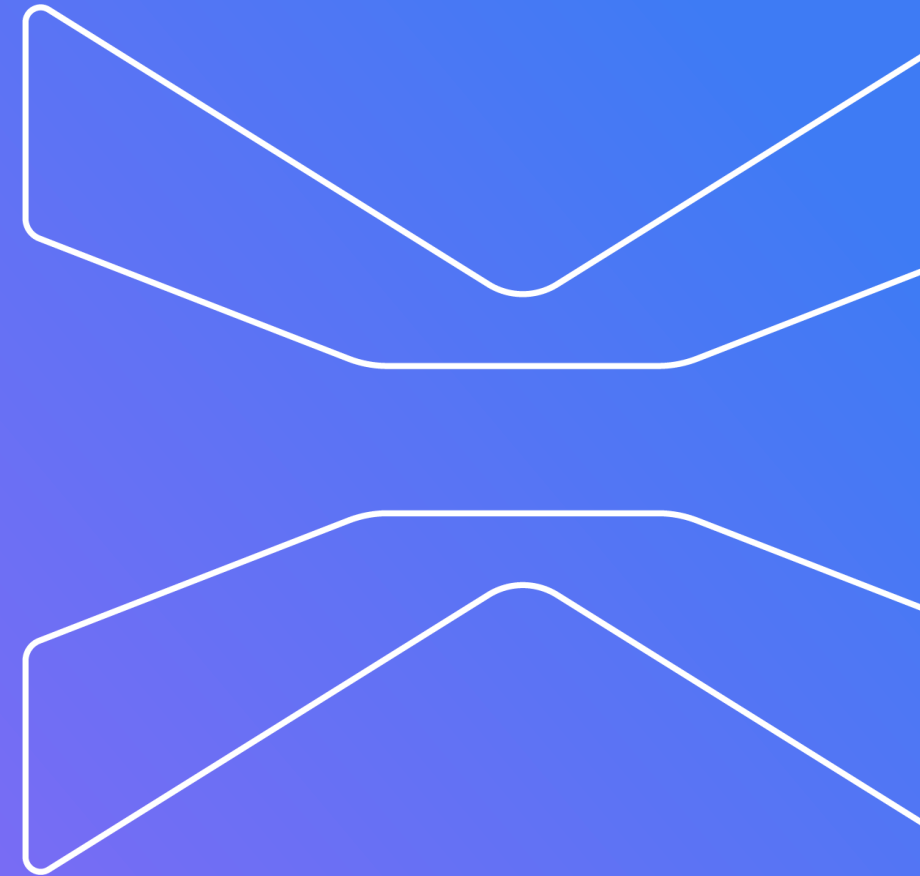


Level Up: HealthX Innovation Sandbox (HX-IS) 2.0

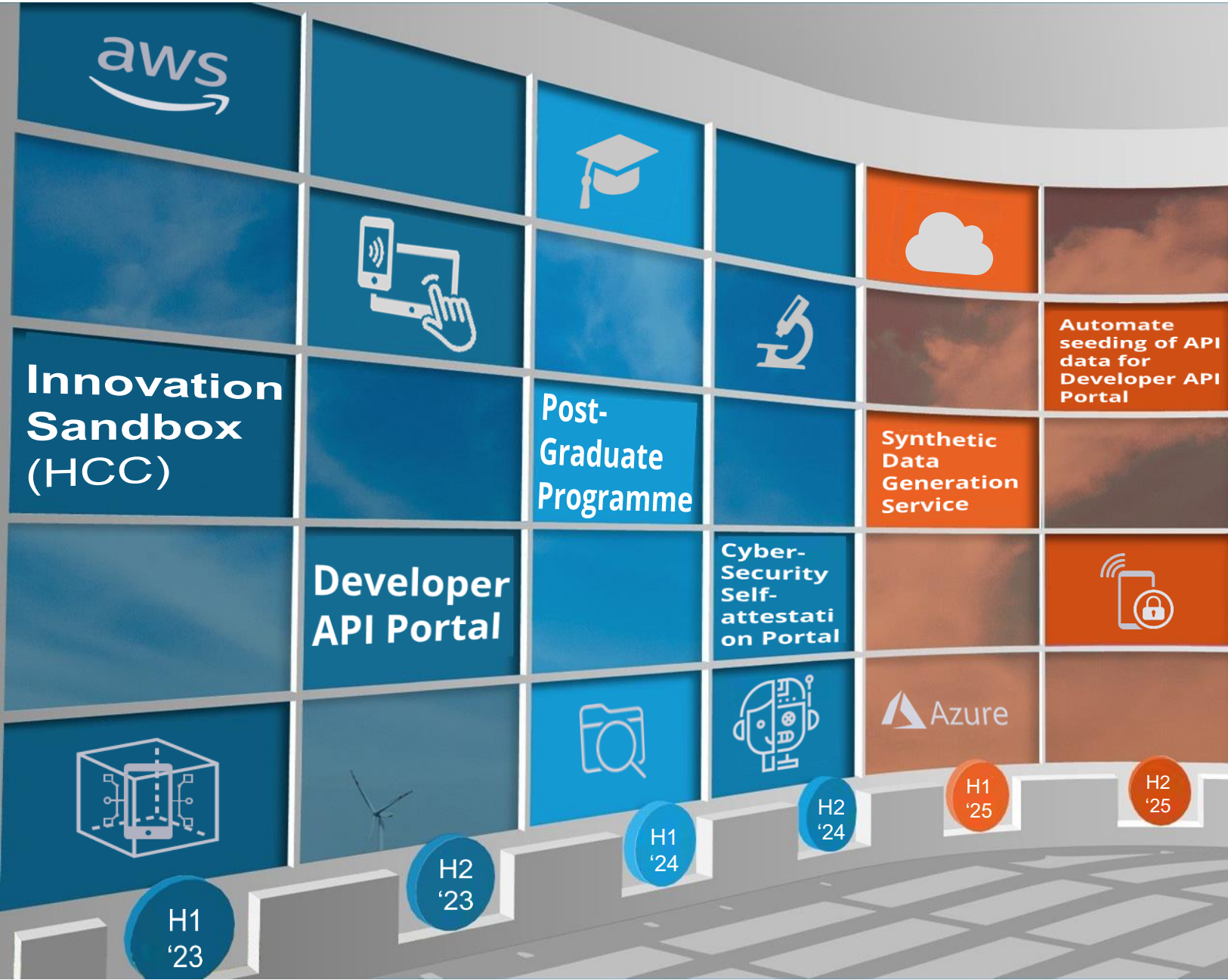


Ang Kian Ann

Deputy Director,
Innovation Capabilities Enablement (ICE)



The Start of HealthX Innovation Sandbox (HX-IS)



HEALTHX INNOVATION SANDBOX

HealthX Innovation Sandbox (HX-IS) is a safe playground for design and build your innovative solution.

It enables public healthcare institutes and tech partners to conduct fast experimentation, assessment, demonstrate viability of their innovation projects, and a streamlined experience.

Sandbox Innovation Projects Highlights ...



Sandbox provides a safe space for one to experiment their ideas, solution or new technologies and create better futures for healthcare.

Things Out Of The Box Think HealthX Innovation Sandbox

- AI ECHO Copilot
- FXMammo
- Healthcare Classifier
- iScreen
- Healthcare Classifier II

SUCCESS STORIES GRADUTED FROM HX-IS ...

- Mental Health Self-Assessment
- Visual Acuity Testing
- 3D Gait
- Tandem Multi-Cloud
- Gen AI Risk Assessment
- Lung Function Test (LUFT)
- CSAP - HIB

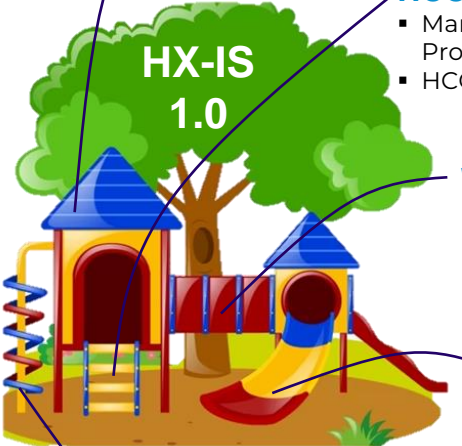
POC PROJECTS EXPERIENCING IN HX-IS ...

- Antenatal CDSS
- SGMed Pilot
- CARES4-WOUNDS
- PAN-infectious Disease Identification
- CLS Medical Device
- Operation Room Management
- Data Generation for Reporting

NEW INNOVATION PROJECTS IN THE PIPELINE ...

What's New in HX-IS 2.0



- 
- Developer Portal**
- CCDP Stubs or Mock APIs
 - Up-to-date API Documentation
- HCC AWS Sandbox**
- Managed Resource Provisioning
 - HCC AWS Sandbox
- Workload Services**
- Workload monitoring service.
 - Account and billing management.
- Post-Graduate Program**
- A streamlined process and support structure for successful POC from sandbox to pilot in production.
- Cybersecurity Self-Attestation Portal (CSAP)**
- Self attest Innovator Solution
 - Learn and Understand Public Healthcare Policies
 - Risk Assessment & Mitigation plans



Scan QR Code to apply



<https://for.sg/healthquestform>



- Enhanced Developer Portal**
- **User Apps Platform**
 - Managed Resource Provisioning
 - Built-in Authentication
 - Invite-and-Access system
- Addition of Azure Sandbox**
- **Choice of Two Sandboxes**
 - Provisioning of Microsoft Azure Sandbox for POC
 - In addition to existing HCC AWS Sandbox
- Ready-to-use APIs**
- **HL7 FHIR APIs**
 - CCDP, HSAR, R4B, R5
 - Interactive API Testing
 - Support Data isolation
 - Create New APIs on the fly
- Post-Graduate Program**
- A streamlined process and support structure for successful POC from sandbox to pilot in production.
- Synthetic Data Portal**
- Provisioning of Synthetic Data Generation service
 - Data Hub with synthetic Data available for Testing
- Public API Docs Portal**
- Up-to-date API Doc accessible for public users
- Streamlined SPA Deployment**
- Create new Apps Invite and App Users
 - Easy to deploy Single Page Apps (SPA)
 - Added Malware Protection
- Workload Services**
- Workload monitoring service.
 - Account and billing management.
- Cybersecurity Self-Attestation Portal (CSAP)**
- Self attest Innovator Solution
 - Learn and Understand Public Healthcare Policies
 - Risk Assessment & Mitigation plans

HealthX Innovation Journey ...



1. SELF-ATTESTATION

Industry partner / Innovator to Self-attest their solutions (if available) with our CSAP portal

Cybersecurity Self-Attestation Portal (CSAP)



2. APPLICATION

Submit HX-IS onboarding request

Project Submission



3. ONBOARD

- a) Complete checklist for new workload account
- b) Accept the HX-IS Terms of Use (TOU)

HX-IS Sandbox



4. SOLUTION REVIEW PREPARATION

A streamlined process & support structure to prepare project team to proceed to pilot

Front-Load Solution Review



5. SETUP & DEPLOY

Common IaC templates to kickstart deployment in HX-IS.

Infra As Code (IAC)



6. HL7 FHIR API

Out of the box Ready-to-use HL7 FHIR APIs

Developer Portal 2.0



7. MOCK DATA

Mock data generation for testing.

Synthetic Data Generation Service



8. EVALUATION

Submit report for evaluation

Evaluation



9. PILOT PROD

Successful POC proceed to SRB Review

Graduate to Pilot (Prod)



Streamlined Process & Enablers to follow and guide to support Industry Partner / Innovator through out the entire innovation journey



Governance & Security

Innovation Policy

Funding

Cost Structure

Compliance Service

Border Control Service

Identity Mgmt.

Find Out More About ...



HealthX



<https://healthx.sg>

Find Out More About ...



HealthX Innovation Sandbox



<https://innovation.healthx.sg>

Find Out More About ...



HealthX API Docs



<https://apidocs.healthx.sg>

Find Out More About ...

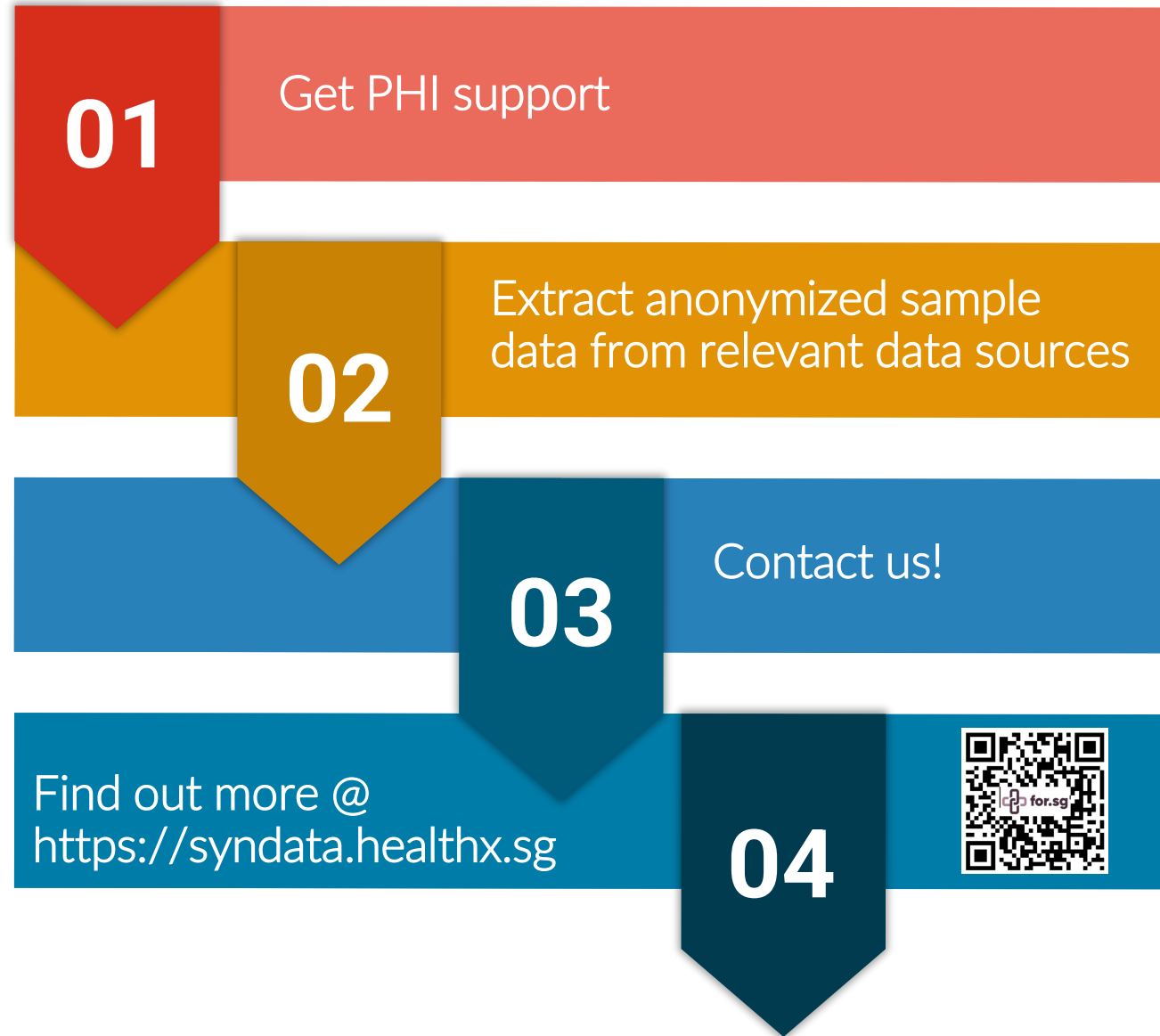


HealthX Synthetic Data Portal



<https://syndata.healthx.sg>

Want to create your own synthetic data ?



End of Presentation

THANK YOU

