CALL FOR COLLABORATION TO SHOWCASE TECHNOLOGY SOLUTIONS AND APPLICATIONS FOR THE PHILSYS REGISTRY

The **Philippine Statistics Authority (PSA)** through the PhilSys Registry Office invites technology solutions provider for identity credential authentication and management to participate in the **call for collaboration in a Technology Solution Showcase for Identity Credentials Management and Mobile ID Applications for a Trusted Framework Solution.**

BACKGROUND

Republic Act No. 11055, otherwise known as the Philippine Identification System (PhilSys) Act, mandates the PSA as the lead implementing agency to establish a single national identification system for all citizens and resident aliens of the country. This is aimed at promoting seamless delivery of service, improving the delivery of public and social services, enhancing administrative governance, reducing corruption, strengthening financial inclusion, and promoting ease of doing business.

PhilSys registration involves three steps. Step 1 Registration is the collection of demographic information and setting up of an appointment for Step 2 Registration through **register.philsys.gov.ph**. Step 2 Registration involves capturing of biometric information at registration centers. Step 3 is the issuance of PhilSys Number (PSN) and delivery of the actual Philippine Identification (PhilID) card. Through PhilSys, all citizens and resident aliens shall be provided with a valid proof of identity, which shall be deemed sufficient on its own, subject to appropriate authentication measures based on a biometric identification system. This aims to eliminate the need to present other forms of identification when performing government and private transactions. All PhilSys registrants shall be assigned a randomly generated, unique, and permanent PSN. The PSN shall be linked to the individual's demographic and biometric information.

Management System
ISO 9001:2015
TÜVRheinland CERTIFIED
www.tuv.com
ID 9108640991

PSA Complex, East Avenue, Diliman, Quezon City, Philippines 1101
Telephone: (02) 8938-5267
www.psa.gov.ph

As of 07 January 2022, a little more than 50 million have been registered in Step 2. Almost 9 million PhilID cards have been produced and personalized, and 5 million have been delivered to registrants. It is apparent that there is a need to either: 1) ramp up the production and delivery of cards, or 2) provide an alternative mode by which Filipinos will be able to get their IDs. On the latter point, fortunately, the PhilID is inherently a digital ID. Hence, it is possible to distribute the PhilID in digital form (mobile ID) and promote digital transformation through its use.

PSA is now exploring technology solutions to address the issue of the slow production of PhilID, so that the national government and the private sector could already start leveraging the PhilID and the PhilSys Registry. Participation of technology service providers will allow the performance and viability of their technologies to be demonstrated and assessed in local conditions.

The figure below shows how the different technology solutions providers will interact with the PhilSys Registry and with the Relying Parties. The traditional Trusted Service Provider (TSP) setup provides the standard authentication services of PhilSy to the relying parties. These are: Basic Authentication; electronic Know Your Customer (e-KYC); token seeding and matching. Solutions providers on credential management, digital wallet, e-signature, and other authentication solutions will also integrate with the PhilSys Registry using the same Application Programming Interfaces (APIs) that a traditional TSP would be using. Integration of the Relying Parties to a particular solution will be handled by the solutions provider.
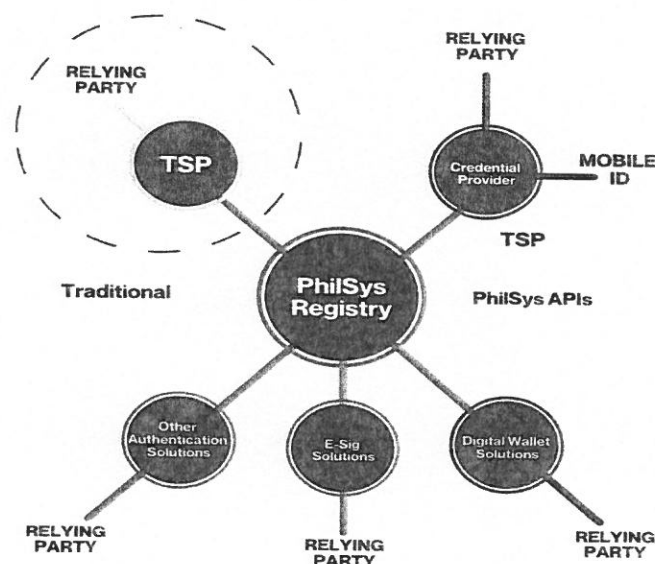
Figure 1. Trusted Network Diagram

In line with this, the PSA is issuing an *open call* and invitation for technology and solutions providers for Identification Systems to demonstrate a proof-of-concept (POC) of their Identification and/or credential issuance technology or solutions.

Objectives

1. Explore solutions on Identification Systems and other related technologies that will promote the use of the PhilID and the PhilSys Registry.

2. Identify secure digital use cases for the PhilID for the general public and relying parties.

3. Explore possible partnerships with service providers and possible service fees.

Terms of Reference

1. For the technology solution showcase, qualified participants such as Mobile ID technology solutions providers, e-signature solutions providers, digital wallets and other related ID systems technologies, **shall provide a proof of concept of their technology or solution** and will be evaluated based on ease of which the solution can be adopted, cost of adoption to government and the relying party, and compliance to basic parameters and requirements set during the POC planning.

2. Participating providers will also **submit a proposal** on how to acquire and implement the technology solution.

3. Present/demonstrate to the PRO the performance or viability of the technology or solution.

4. The technology solutions provider shall bear the cost of the POC, the costs of transporting equipment (if needed) to and from the Philippines and the travel expenses of their personnel.

5. The PSA will not be obliged to adopt nor acquire the technology solution/s that will undergo POC with the PhilSys Registry.

6. The table below is the timeline for the application evaluation and acceptance, from the date of submission of Letter of Intent and Proposal.

ACTIVITY	DURATION
Evaluation of Proposal	2 weeks
Notice to proceed with POC	2 weeks
Development of POC	2-3 weeks
Testing and Presentation of POC	2-3 week
Final evaluation of POC	2 weeks
Notice of Acceptance/Nonacceptance	1 week

Technical Requirements

Interested TSPs, Identity Credential Management, and Mobile ID Solutions Providers shall meet the following technical requirements:

	PARAMETERS	REQUIREMENTS
1	Integration to the PhilSys Registry's Authentication APIs	Show a working application that is able to authenticate (demographic or biometric) against the PhilSys Regitry Authentication APIs
2	Availability of an SDK or API by which relying parties will be able to build their own applications.	Show a working application that uses the technology solution's SDK or APIs
3	Availability of critical data privacy and security features that came with the solution	Show the solution's critical data privacy and security features through the application.

Interested participants must submit the following:

1. Letter of Intent (LOI) addressed to:

    DENNIS S. MAPA, Ph.D.
    Undersecretary
    National Statistician and Civil Registrar General
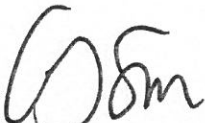   Philippine Statistics Authority

2. Accomplished Proposal and Annexes

3. Proof of Company Registration

Submissions must be sent via email to the Use Case Development and Management Service at **ucdms.staff@psa.gov.ph** on or before **14 February 2022, 11:59 PM GMT+8**. Qualified Service Providers will be contacted via email within one week from the date of acceptance of their submission.

For inquiries, contact the Use Case Development and Management Service through the email address provided above.

Approved by:

DENNIS S. MAPA, Ph.D.
Undersecretary
National Statistician and Civil Registrar General

Attachments:
   1. Letter of Intent Template
   2. Proposal Form and Annexes