Beyond Silos: Health Interoperability Built on Digital Identity

Format: Presentation and Brainstorming

Date: 11th / 12th February, 2026

Duration: 90 mins (Incl. Q&A)

Target Audience: Governments, System Integrators, Organisations seeking to unify fragmented identity systems

Max. no. of Participants: 40

Presenters: DHIS2, University of the Philippines, MOSIP

Objective:

This session demonstrates how a national digital identity, positioned as a foundational component of Digital Public Infrastructure (DPI), can address real-world health system challenges across varying levels of digital and institutional maturity. It presents a structured sequence of health use cases—from offline enrolment in local health programs, to verified cross-hospital health record exchange, and ultimately to digital-identity–enabled deployments of national health information systems like DHIS2—illustrating how identity, consent management, and interoperable data exchange (e.g., FHIR-based workflows) can be introduced incrementally in alignment with the WHO Digital Health Blueprint.

Through practical use-case demonstrations and interactive discussion, the session highlights how multiple health portals and applications can operate on a shared identity and data foundation. This enables seamless, end-to-end healthcare workflows spanning preventive, curative, administrative, and citizen-facing services, while avoiding platform fragmentation and redundant identity silos.

The session further emphasises the critical role of governance, policy, standards, and enterprise architecture in achieving sustainable interoperability across heterogeneous health platforms. It underscores how these enabling layers, when anchored on existing national digital public infrastructure—such as MOSIP—ensure that technical interoperability is reinforced by institutional trust, regulatory compliance, and long-term system scalability.

Target Audience:

This session is intended for stakeholders interested in leveraging foundational DPI for sector-specific digital transformation, including:

- Government and public health agencies designing or implementing national digital health ecosystems
- System integrators and Digital Public Goods (DPGs) building interoperable health or cross-sector platforms
- Organisations seeking to unify fragmented identity systems and improve citizen onboarding and service delivery

Session Outcomes:

By the end of the session, participants will be able to:

- Develop a clear understanding of how a foundational national digital ID can be leveraged to streamline health workflows and patient journeys, even in environments where multiple department-specific or legacy identifiers already exist.
- Understand the core architectural principles for integrating and consuming MOSIP services within sectoral health platforms, with particular emphasis on preserving modularity, loose coupling, and long-term extensibility of national health systems.
- Gain practical insight into the governance, policy, and institutional capacity considerations required to operationalise foundational Digital Public Infrastructure within health sector systems at the country level, beyond purely technical integration.
- Learn how eSignet enables secure, standards-based national ID authentication and verification, and how these capabilities can be embedded within a broader health ecosystem to support trusted access, consent, and service delivery.
- Understand how DHIS2's built-in FHIR capabilities can be used for centralised health data storage and interoperable exchange, supporting both aggregate reporting and individual-level health workflows.
- Explore how FHIR serves as an interoperability layer that enables integration not only within DHIS2-centric architectures, but also with other Digital Public Goods and sectoral platforms across the digital health landscape.
- Examine how preventive services (such as antenatal care), curative services (hospital and clinical care), and citizen-facing applications can interoperate seamlessly using shared identity, consent, and data layers.
- Observe a live, end-to-end demonstration of a digitally enabled healthcare use case spanning patient registration, identity-based access, and clinical workflows, illustrating how foundational DPI supports continuity of care across multiple touchpoints.

Thank you, and we look forward to your participation in the session!