Integrating eSignet & Signup

Format: Presentation, Live integration, and Brainstorming

Date: 11th/12th February, 2026

Duration: 90 mins (Including Q&A)

Target Audience: Countries, System Integrators

Targeted Expertise/Roles: Developers, Technical Architects, Technical BA

Max. no. of Participants: 40

Pre-requisites: Pre-registration for the session, Review pre-read material

Presenters: MOSIP Team, DHIS2

Use Case

A visitor planning an extended stay in a country must often access multiple regulated services such as visa processing and banking. To enable secure onboarding and avoid repeated verification, the country uses Signup for eKYC-based claim verification and eSignet for authentication.

During the visa application process, the user completes identity verification through Signup using an authorised verifier. The verified personal attributes, along with verification metadata such as verifying authority, assurance level, evidence and validity, are stored in the country's immigration registry.

When the same user later accesses another service, such as opening a bank account, they authenticate using eSignet. The service securely consumes the previously verified claims and uses the verification metadata to apply appropriate, risk-based service policies.

This use case demonstrates how a single verification can be reused across multiple services, how different assurance levels influence service decisions, and how eSignet and Signup together enable interoperable, privacy-preserving digital service delivery.

Objective

This session demonstrates how eSignet and Signup can be customised and integrated to enable verified identity based service delivery, using an omera bank portal as a reference implementation.

Participants will learn how to:

- Integrate eSignet with MOSIP ID or mock ID to support verified claims
- Configure Signup Service for video eKYC

- Enable relying parties to request and consume verified claims
- Customise eSignet plugins across authentication and verification flows
- Implement an end-to-end journey covering user registration, video eKYC, authentication for verified claims, and re-authentication

By the end of the session, participants will understand the core building blocks and integration patterns required to use eSignet and Signup with any digital service not limited to telecom to deliver secure onboarding and reusable verified identities.

Practitioner Insights: DHIS2 Experience with eSignet Integration

This segment will also feature the DHIS2 team sharing their real-world experience integrating eSignet into healthcare systems. It will cover practical insights from implementing national ID based authentication and verification, integrating eSignet with existing health workflows, and lessons learned.

Pre-read Material

1. **Introduction to eSignet & Signup:** Click here to dive into an overview of eSignet & Signup and discover their foundational capabilities.
2. **Features:** To learn more about the features and capabilities of eSignet & Signup , please refer to below links:
   a. eSignet - Features
   b. Signup - Features

   It offers a comprehensive overview of all the functionalities and helps you to understand how eSignet & Signup can be leveraged for various use cases.

3. **Technology Stack:** To gain a deeper insight into the underlying technology of eSignet, refer to the following link for an overview of its technology stack.
4. **Explore eSignet & Signup Components:** eSignet & Signup are built using multiple components that ensure efficient onboarding and authentication. Refer the links below for more details:
   a. eSignet - Components
   b. Signup - Components
5. **Seamless Integration:** eSignet can integrate with digital wallets, service portals, and identity systems by leveraging plugins such as the Authenticator Plugin, Key Binding Plugin, and more. To learn more about eSignet's integration capabilities, refer to the guide here.

Experience Yourself
End users can experience eSignet firsthand by visiting the sandbox Collab environment and trying out its features directly. Please refer to this link to know more.

Additional Resources:

Explore the eSignet documentation to gain insights into its use cases, modules, and key technological innovations.

Additionally, the source code for eSignet is available, offering a valuable resource for further exploration and hands-on engagement. You can access it through the provided link.

Session Outcomes:

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

- Understand how eSignet and Signup enable reuse of verified identity across government and regulated services, illustrated through a visa and banking onboarding scenario as reference.
- Identify the core technical building blocks and integration patterns required for authentication, claim verification, and verified-claim consumption.
- Gain clarity on how relying parties can request, consume, and reuse verified claims without repeating verification.
- Learn from real-world practitioner insights shared by the DHIS2 team, including challenges, design choices, and lessons from integrating eSignet in healthcare systems.
- Apply the demonstrated approach to other digital services beyond telecom, such as healthcare, social protection, and public service portals.

Thank you. We look forward to your participation in the session!