



Beginner's Guide to Brownfield Migration & Essentials

Format: Presentation, Demonstration, 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 workshop

Presenters: Nambirajan, Janardhan, Muralitharan

Objective:

This session aims to equip participants with a comprehensive understanding of migrating from legacy identity systems to MOSIP or transforming legacy identity data for digital compatibility. The session will cover key challenges, migration strategies, and best practices, including the assessment of existing systems such as data structures, storage mechanisms, operational processes, and biometric data quality to determine migration requirements.

The session will also explain end-to-end migration planning, including ID schema definition, data migration approaches, system integration, and system updates. Through a live demonstration of the MOSIP reference migration tool and real-world case studies from countries that have adopted MOSIP, participants will gain practical insights into executing effective, secure, and scalable brownfield migrations.

Target Audience:

- Government identity program teams and implementing agencies
- System architects and technical leads for digital identity platforms
- Senior developers and engineers involved in legacy system modernisation
- Consultants, and implementation partners driving identity transformation

Pre-read Material

<https://docs.mosip.io/1.2.0/readme/technology/architecture>

<https://docs.esignet.io/interoperability>

<https://docs.inji.io/inji-certify/overview>



Session Outcome:

- Understand the key challenges and considerations in migrating legacy identity systems to MOSIP
- Assess existing legacy identity systems and identify suitable migration or transformation approaches
- Apply practical strategies for transforming demographic and biometric data for digital compatibility
- Understand best practices for handling, validating, and migrating biometric data
- Gain hands-on insight into tools, frameworks, and workflows used in real-world identity migrations
- Learn from real implementation experiences, lessons learned, and common pitfalls to avoid

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