



March 2025
Manilla, Philippines



MOSIP

Knowledge Sharing Session
Inji: The Credentialing Solution for
Trusted Data Exchange



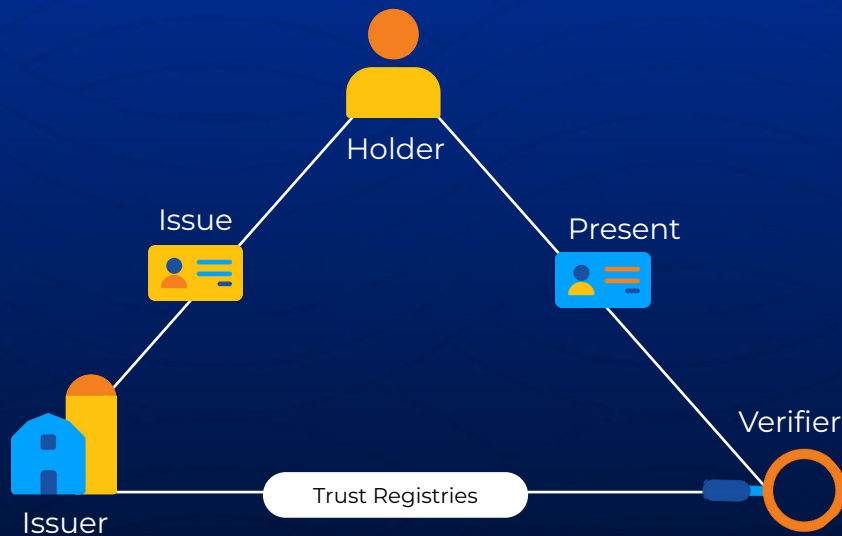


Agenda

- ❑ Introduction to Inji Stack
- ❑ Inji Stack - Verifiable Credentials Enabled Use-Cases
- ❑ Demo Showcase - Visual Understanding
- ❑ Technical Overview with Inji Certify, Wallet, and Verify
- ❑ Q&A Session



What is a Verifiable Credential?



A Verifiable Credential (VC) is a specific way to represent the data in digital or physical format that guarantees authenticity and integrity.



Information needs to be
presented and **validated** for service delivery!





The Spark Ideation of Inji

Inji - "knowing" or "recognizance" in Korean language



Growth Acceleration



Authorized Issuance



High Trust at Low Cost



Instant Verification



Inclusivity



Decentralized

User controlled trusted data exchange is the bedrock of a digital economy



Using Inji in your credentials solutions

Tools for all stakeholders



Converting data to trustworthy Credentials

Create, sign, issue, bind, or revoke Credentials



Making data trustworthy and portable

Download, manage, store, share, verify and access Credentials from anywhere on both **mobile** and **web**



Exchanging trusted data with service providers

Consume and verify Credentials



Standards Driven:

- ▶ W3C: Verifiable Credentials Data Model 1.1, 2.0
- ▶ OpenID4VCI, OpenID4VP, OpenID4VP_BLE
- ▶ ISO/IEC 18013-5
- ▶ Claim 169: IANA CBOR Web Token (CWT)



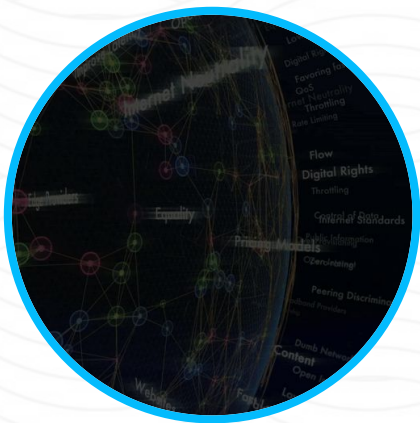
Why Inji?

- **Paper-Based Credential Support**
- **Interoperable** - Standards Driven
- **Active Ecosystem** - Commercial Technical Support
- **Modular** - Simplified Integrations
- **Designed for Scale**
- **Open Source**
- **End to End components to build your solution**
- **Multiple Deployment Models**
- **A MOSIP product** - Secure, Privacy Preserving, and Inclusive



Real World Potential Use Cases of Inji

Inji enables seamless issuance, management, and verification of verifiable credentials across multiple industries, ensuring trust, security, and efficiency in digital transactions



1 Academics 

2 Cross-border Travel 

3 Agriculture 

4 Healthcare 

5 Employment 

And more...



Inji : Verifiable Credentials Enabled Use-Cases

Use-Case 1

Verification Method - OpenIDVP (Verifiable Presentation)

> Part 1:

1. Download Insurance Policy as a VC - Inji Wallet (Issuance using Inji Certify)
2. Verify VC by scanning QR code - Inji Verify

> Part 2:

1. Download National ID as a VC - Inji Wallet (Issuance using Inji Certify)
2. Verify VC by scanning QR code- Inji Verify

Use-Case 2

Verification Method - OpenIDVCI (QR Code)

- > 1. Get National ID using self-registration portal and apply for a loan from Omera Bank
 - Download TAN ID as a VC - Inji Wallet (Issuance using Inji Certify)
 - Verify VC by scanning QR code - Omera Bank portal
 - **Note:** TAN ID is automatically issued along with National ID



How do VCs look?

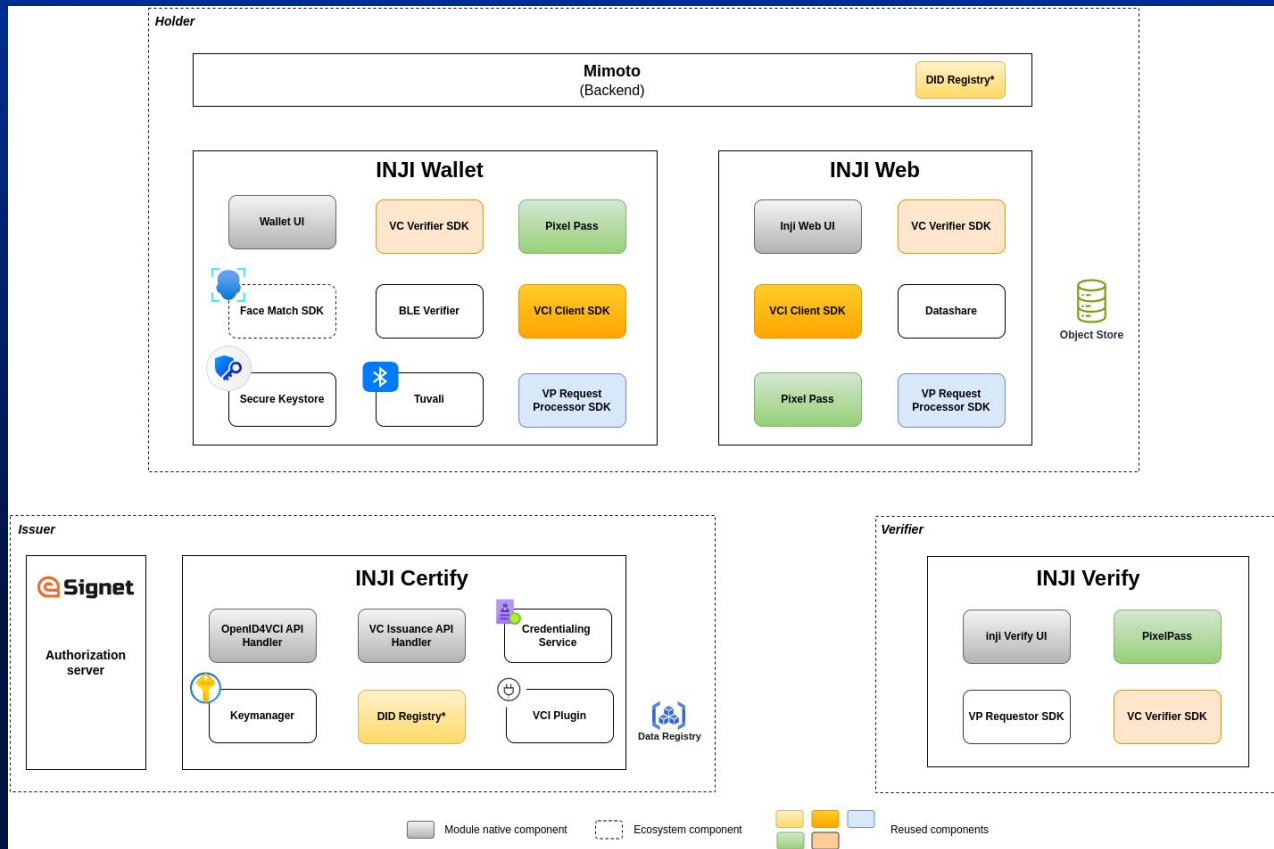
Explore with some samples...





Technical Overview - Inji Stack

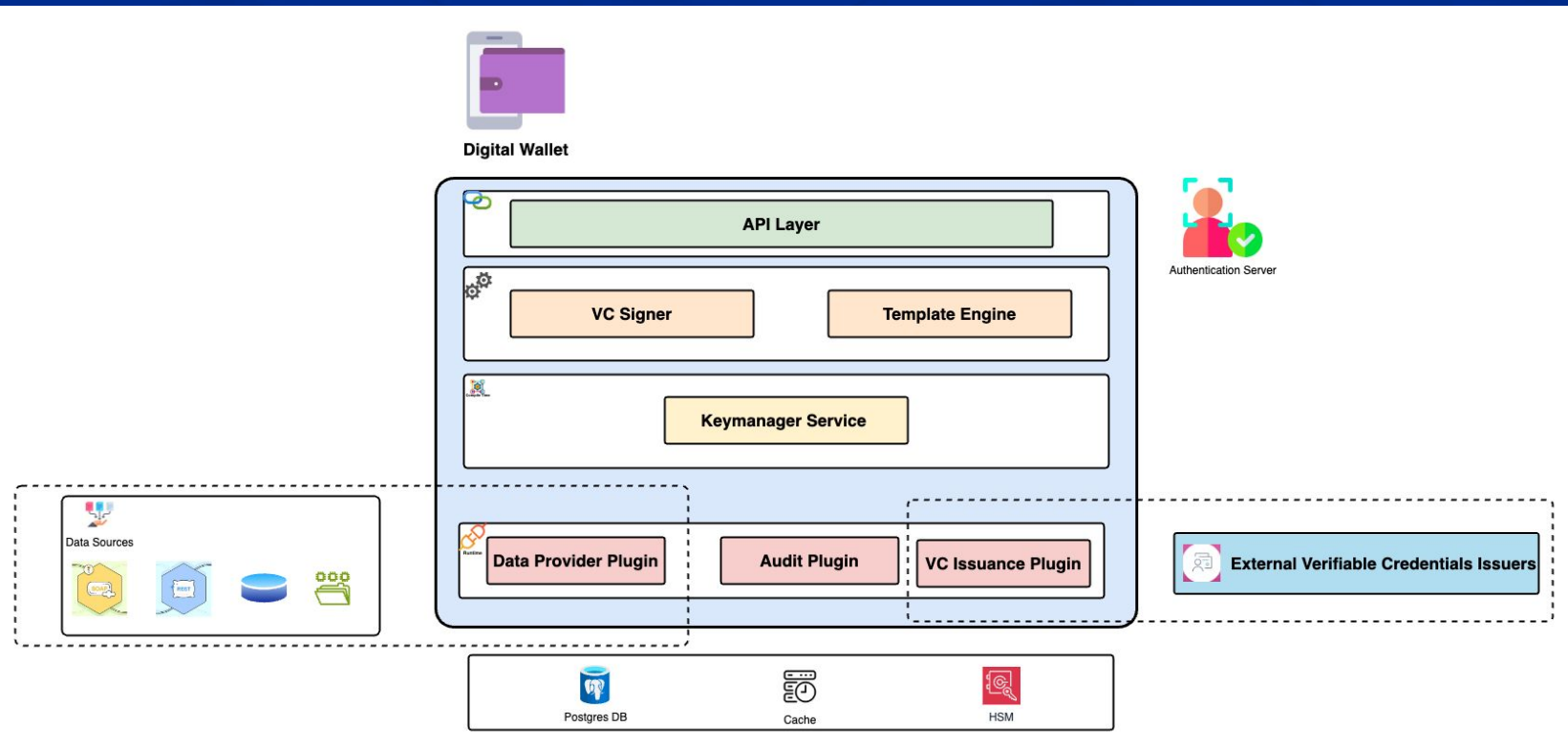
Internal Components





Technical Overview - Inji Certify

Internal Components





Inji Certify: VC Issuance

- ◆ Set up Inji Certify
- ◆ Onboard an issuer
- ◆ Issue verifiable credentials (VCs) in real-time
- ◆ Configure Inji Certify for specific use cases
- ◆ Generate velocity templates
- ◆ Use the data provider plugin





Inji Wallet: VC Download

- ◆ Download VCs through Inji Web & Mobile
 - Inji Web - <https://injiweb.collab.mosip.net/>
 - Inji Mobile :
 - iOS - [Testflight](#)
 - Android- [APK](#)
- ◆ Secure and seamless storage
- ◆ Accessibility and user control





Inji Verify: VC Verification

- ♦ Validate digital credentials securely
 - Inji Verify - <https://injiverify.collab.mosip.net/>
- ♦ Ensure seamless verification of issued VCs
- ♦ Ensure authenticity of credential - Via cryptographic proofs





Resource Bucket

Easily Issue, Download, and Verify VCs!

01 Issue Credentials

Inji Certify - [Master Repository](#)
ReadMe File- [Docker Compose](#)

02 Download Credentials

- Inji Wallet Repo:
Mobile - [Master Repository](#)
Web - [Master Repository](#)

03 Verify Credentials

Inji Verify Repo- [Master Repository](#)



Any Questions?



Incubated at  **mtb**
METHUEN TECHNOLOGY BUSINESS

Scan to Know More About Inji



A **MOSIP** Product

