Solving vendor lock-in with Open Standards

Debora Comparin, SIA
Putting government back in control

Eliminate vendor lock-in for sovereign identity programs today
Vendor lock-in in a nutshell

Root Causes

Technology
- Interoperability
- Data portability

People
- Human resources
- Decentralized government oversight

Processes
- Contractual commitments

The Challenge

Dependency challenges equate to cost and operational risk

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Vendor lock - in is seen as the biggest concern among those tasked with implementing national identification systems. In an unprecedented move, the global identity industry has come together to deliver a simple, financially viable and immediately available solution.
OSIA relies on Open Standards to solve vendor lock-in

Global Identity Industry

Open Standards

Root Causes
Technology
- Interoperability
- Data portability

Whole community agreement on technical regulations

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Why choose an open standards approach?

1. It preserves legacy systems

2. It builds up upon existing market offer
   - Immediate deployment
   - No over reliance on system integrators

3. It allows sovereignty of choice in terms of
   - Providers
   - Technology
   - Solution
Benefits of an open standards approach

Open Standards addresses governments’ needs for

- Simplicity
- Speed of deployment
- Choice

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Our solution

1. Address the lack of common definitions within the identity ecosystem
2. Create a set of standardized interfaces

It’s happening today
Our solution

1. Address the lack of common definitions within the identity ecosystem

ex. ABIS to be replaced

Your market place

Different technology and features, same high level scope

Vendor A  Vendor B  Vendor C
OSIA Scope

ENROLLMENT

Population Registry (PR)
UIN Generator
Biometric System (ABIS)

THIRD PARTIES SERVICES

Private sector (banks, telcos etc.)
Government (social security, tax agency etc.)

Civil Registry (CR)
Document Management System (DMS)

Enrol. Client
Enrol. Server

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Our solution

2. Create a set of standardized interfaces

ex. Interface for ABIS is called ‘Biometrics’

<table>
<thead>
<tr>
<th>Biometrics – List of services:</th>
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<td>Verify (1:1)</td>
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<td>Identify (1:N)</td>
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Select and deploy
## OSIA Scope

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<th>ID ECOSYSTEM COMPONENTS</th>
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List of services OSIA will interface with. (I) indicates the components implementing the services defined and (U) indicates the components using the services
OSIA in a nutshell

1. Choose your components from the market
2. Easily connect them to build your solution
Our community today

Working Group members

Advisory Committee

Chaired by:

Putting government back in control
Governance overview

[Diagram showing Governance, OSIA Advisory Committee, Integrator, OSIA Workgroup, Vendors (Vendor A, Vendor B, Vendor C, Vendor D)]
Our Guiding Principles

- Sovereignty
- Technology Neutrality
- Privacy by Design
Our Timeline

Technical Timeline:

- **Build Start**
  Sept 2018

- **OSIA v1.0 (CR, PR, UIN Generator)**
  Dec 2018

- **OSIA v2.0 (ABIS)**
  June 2019

- **OSIA v3.0 (enrollment and 3rd parties services)**
  Oct 2019
Where to find OSIA specs?

OSIA GITHUB PAGE

www.OSIA.io
How to reference OSIA in tenders?

OSIA - [interface name] v. [version number]

OSIA - Notifications - v. 1.0
OSIA - UIN Management - v. 1.0
OSIA - Data Access - v. 1.0
OSIA - Biometrics - v. 1.0
OSIA - Third Party Services - v. 1.0
OSIA Information meeting

At 11 AM today
Function Room: JULIA
We support the provision of legal, trusted identity for all.

We drive the development of inclusive digital identity services necessary for sustainable, worldwide economic growth and prosperity.
### About us

#### The heritage and expertise of our members

<table>
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<th>Our members have</th>
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<td>over 25,000</td>
<td>experience in over 190</td>
<td>developed key ID related technologies covering over 85%</td>
<td>participated in the development of over 1000</td>
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<td>scientists, experts &amp; professions</td>
<td>countries</td>
<td>of world’s population</td>
<td>ID related standards</td>
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Shaping the future of identity
About us

Advocacy

We believe legal, trusted identity is the cornerstone of rights protection, social inclusion and digital economic development - and the access point to a wide range of essential public and private services.

We collaborate

We bring together public, private and non-government organizations to foster international collaboration on the issues of legal identity.

We support

• The goals of the UN’s 2030 Agenda for Sustainable Development.
• The World Bank Group Identification for Development (ID4D) Program’s Principles on Identification for Sustainable Development Towards the Digital Age.
• The Charter of Fundamental Rights of the European Union.
• ID4Africa and its Identity Council.

We believe in open standards

We are driving the development of international open standards (as our members have for over 40 years).

We are committed to a strict code of conduct

It is our firm belief that strict adherence to high ethical standards is key to meeting our objectives.