



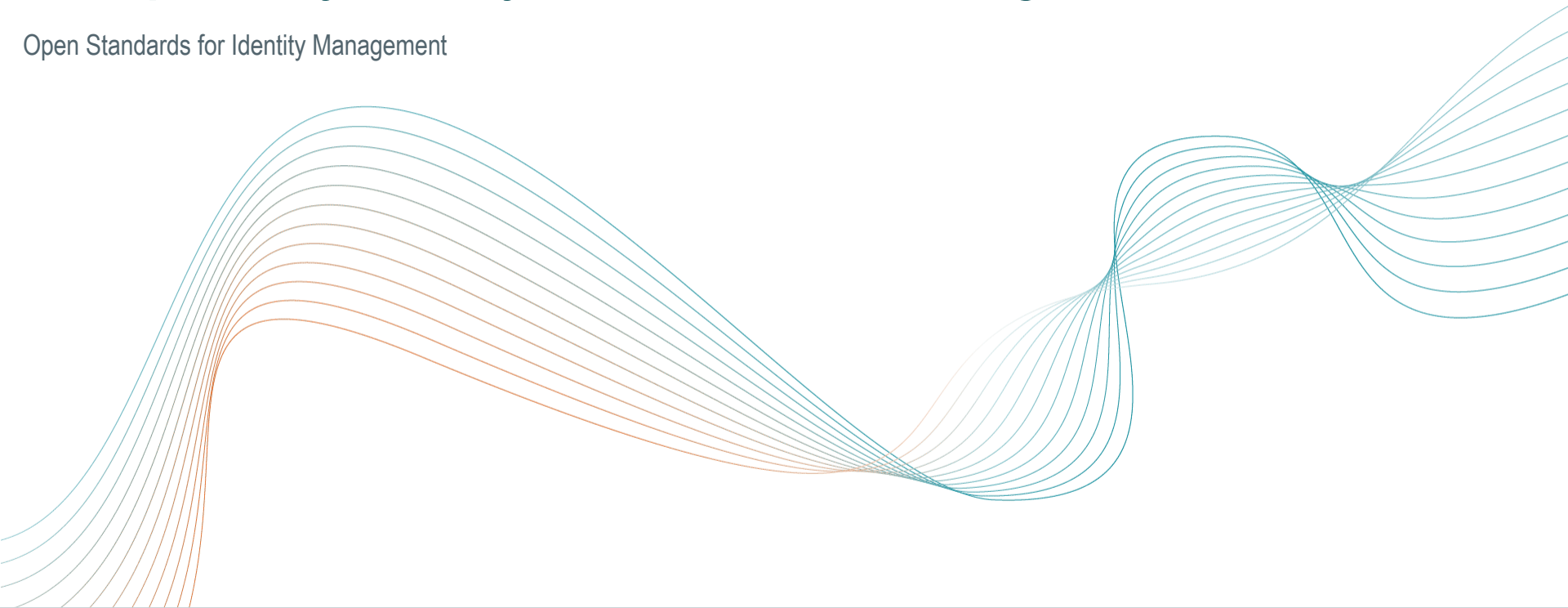
XXIII ENCUENTRO CLARCIEV

HONDURAS 2026



Interoperability, Privacy and Citizen Data Management

Open Standards for Identity Management





PRESENTED BY



Mühlbauer
High Tech International







1981

Foundation

Founding of the company by Josef Mühlbauer with only one machine for the production of precision parts



1981

Precision Parts

Large-scale production of precision parts for aviation and automotive industries



1986

Semiconductor

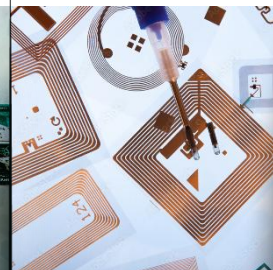
Development of production equipment for the semiconductor backend industry



1988

DSRP

Document Solution Related Products.
First turnkey production solution for the manufacturing of plastic cards & smart cards



1995

RFID

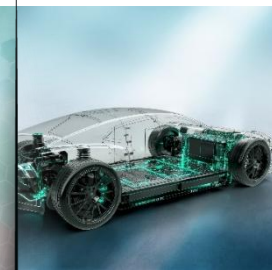
Entry into RFID technologies and development of RFID production solutions



2005

TECURITY®

Technology meets Security. Software and service solutions for secure ID documents & E-government



2020

NextGen Mobility

Automotive industry.
E-mobility: First production lines and software for battery & fuel cell systems



CONCEPTION



- Consulting
- Solution Architecture
- Design

ENROLLMENT



- Payment Registration
- Demographic & Biometric Data Capturing
- Administrative Application Approval

DATA MANAGEMENT



- Life-Cycle Management
- Biometric Identification Systems
- PKI System

PRODUCTION



- Document Production
- Production Management
- Material Management

PERSONALIZATION



- Material Management
- Personalization Management
- Visual & Electronic Personalization

VERIFICATION



- Issuance Solution
- Border Management Solution
- eGovernment Solution





Interoperability **Systems must work together**

Components from different suppliers must exchange information reliably, today and as the system evolves.



Data Privacy **Data must remain controlled**

Personal data should move only where required, with clear responsibilities, safeguards and auditability.



OSIA stands for Open Standards for Identity APIs.



What A common framework

Open interfaces help identity-system components work together, even when they come from different suppliers.



Who An industry initiative

OSIA is developed within the **Secure Identity Alliance** by organizations active across the identity ecosystem.

It is a shared standard, not a product and not a single-vendor solution.



<https://osia.io>

<https://secureidentityalliance.org/about-us/members/>

Standardize interfaces

Use a common language between identity-system components.

Enable interoperability

Connect suitable components across suppliers and solution generations.

OSIA

Preserve flexibility

Extend or replace components without rebuilding the entire system.

Support data privacy

Make data flows and responsibilities explicit and controllable



Identity programs rarely remain static. Open interfaces make change easier to manage.



Combine

Select suitable components
from different suppliers.



Extend

Add new services without
rebuilding the entire system.



Replace

Modernize individual
components while protecting
existing investments.

The customer keeps architectural control while the solution remains adaptable.



Privacy becomes easier to manage when data flows and responsibilities are clearly defined.



Clear data flows

Interfaces make it explicit which information moves between which components.



Controlled data exchange

Possibility to limit exchanges to the data required for a defined purpose.



Consistent governance

Roles, security controls and audit requirements can be applied consistently.



A practical example – Population Register with an OSIA API

KURDISTAN

01

OSIA-Aligned Access to the Population Register

The Population Register expose's identity data through an OSIA-based API.

02

Connected Domain Systems

The interface supports integration with Driving Licence and Vehicle Registration.





**XXIII
ENCUENTRO
CLARCIEV**
HONDURAS 2026

¡MUCHAS GRACIAS!

