

# Mutual Authentication for Saver Online Shopping

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Advisory Support:

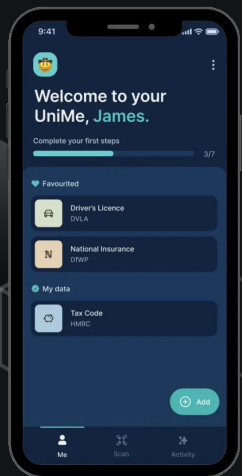


# Impierce Products



## UniMe - European Identity Wallet

- Open-source and Free SSI Wallet
- Focus on Security & UX
- Made for the Educational sector first but generic for many other use cases
- Mobile App: Android & IOS
- The app is offered as a Whitelabel solution
- Follows DIIP standards on the way to eIDAS 2.0 compliance



## UniCore - Connector / Agent

- Connector between the European Identity Wallets and your existing IT infrastructure
- No need to understand the eIDAS 2.0 regulation and all technical requirements
- Much easier to adopt and enables multiple use cases in a single deployment
- Foundation for a Company Passport

# eIDAS 2.0 Regulation

## Key aspects:

- **eIDAS 2.0** expands to **private organisations** to include entities such as; Educational Institutions, Financial Institutions, Healthcare Bodies, Transportation & more
- **Digital wallets** will be accepted **through out the EU** enabling **seamless cross-border interactions**
- **eIDAS 2.0** provides a clear **legal framework** for online identification
- The regulation aims to improve **interoperability** and **mutual recognition** of electronic identification schemes across all EU member states

You are here

Approved in **April 2024**

Implementation Act in  
November 2024

Member State licensing of ID  
wallets by April 2026

Mandatory adoption of  
sectors ~2027



# The Problem - Fake Webshops

## Increase in online scams

- Landelijk Meldpunt Internetoplichting took down 1.000 fake webshops in 2023, an increase of 30% over 2022.
- Average damage per victim has gone up by 20%, but reporting is infrequent due to shame

## Mitigation Strategy

- Dutch Police, Autoriteit Consument & Markt, Thuiswinkel.org recommend:
  - Check the Domain
    - Perform a Whois or Google the Domain
  - Click the Thuiswinkel certificate in the Footer
  - Check KVK registration
- 3 actions that takes the shopper away from their shopping experience
  - ScamCheck from veiliginternetten combines it in 1 step



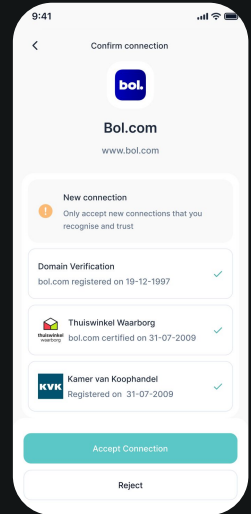
# The Solution - Mutual Authentication

## Why only identify the user and not the website?

- Strong User authentication method from eIDAS 2.0
  - Plus additional data: 18+, 65+, proof of address etc...
- Mutual Authentication included
  - Plus additional data?: Thuiswinkel.org certificate, domain verification, KvK registration etc...

## Part of the Shopping Experience

- Mandatory information Webshops need:
  - Address, email, name etc...
- European Identity Wallet does it all in 1 go:
  - Authenticates the users
  - Ask and get required information without typing it out
  - Proof you are a legit company



# Company Passport Possible Futures

## Company Passport

- Manages the Webshop identity and its proof / certificates
- Set-up Issue / Verification logic

## Additional eCommerce Use Cases

- Legal Liability
  - Age Verification
- Reduce Fraud
  - Verifiable Webshop
  - Proof of Customer Address
  - Signed emails from Webshop to Customers
- Improved Customer Experience
  - No need to create accounts & passwords
  - Click to share information

# Tech Deepdive

## Evidence

- [Domain Linkage Credential](#)
- KVK API with registered domain
- Thuiswinkel credential: [DIF Linked VP](#)

## Verifiable Trust Registry



*High-assurance & Bureaucratic*

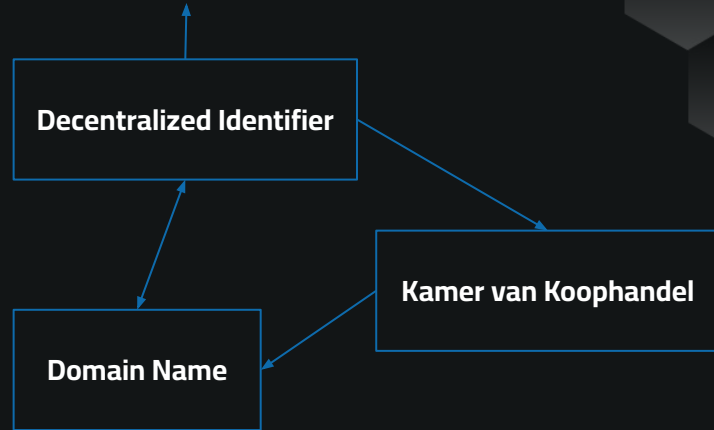


*Low-assurance & Frictionless*

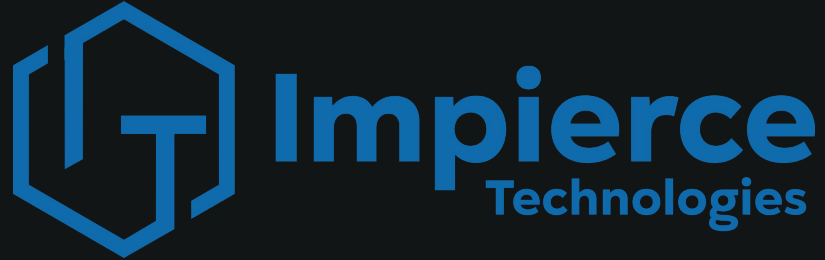


**Web  
Technologies**

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