SigningServices

SigningServices Authentication Service – one integration to support millions of e-identities

User authentication for competitive edge and compliance

Keit Kivisild
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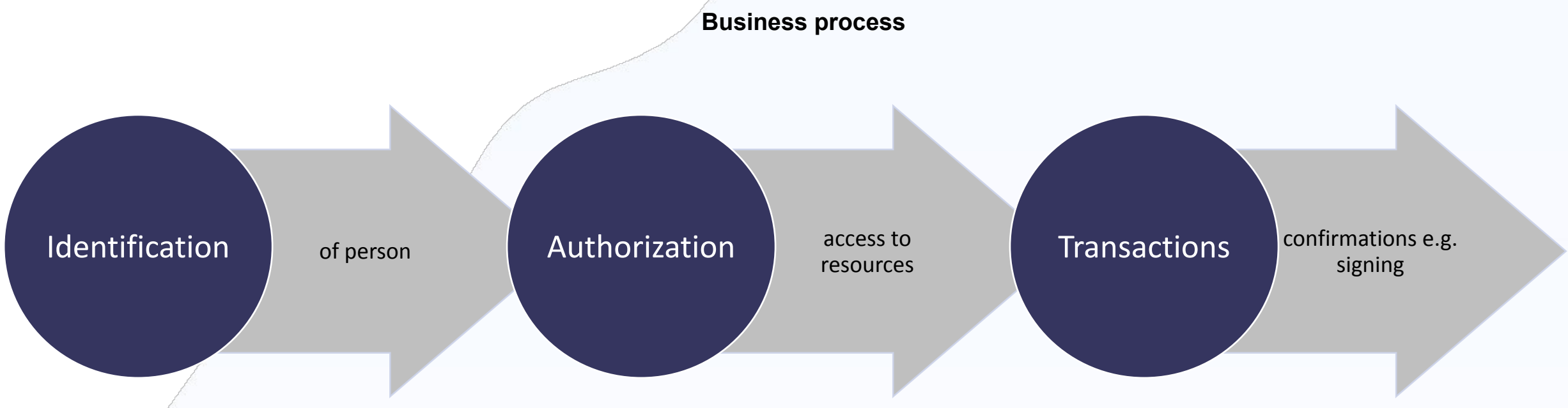
From 0 to 1



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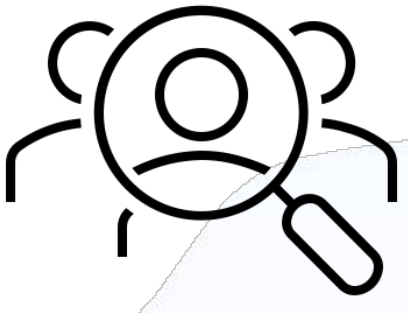
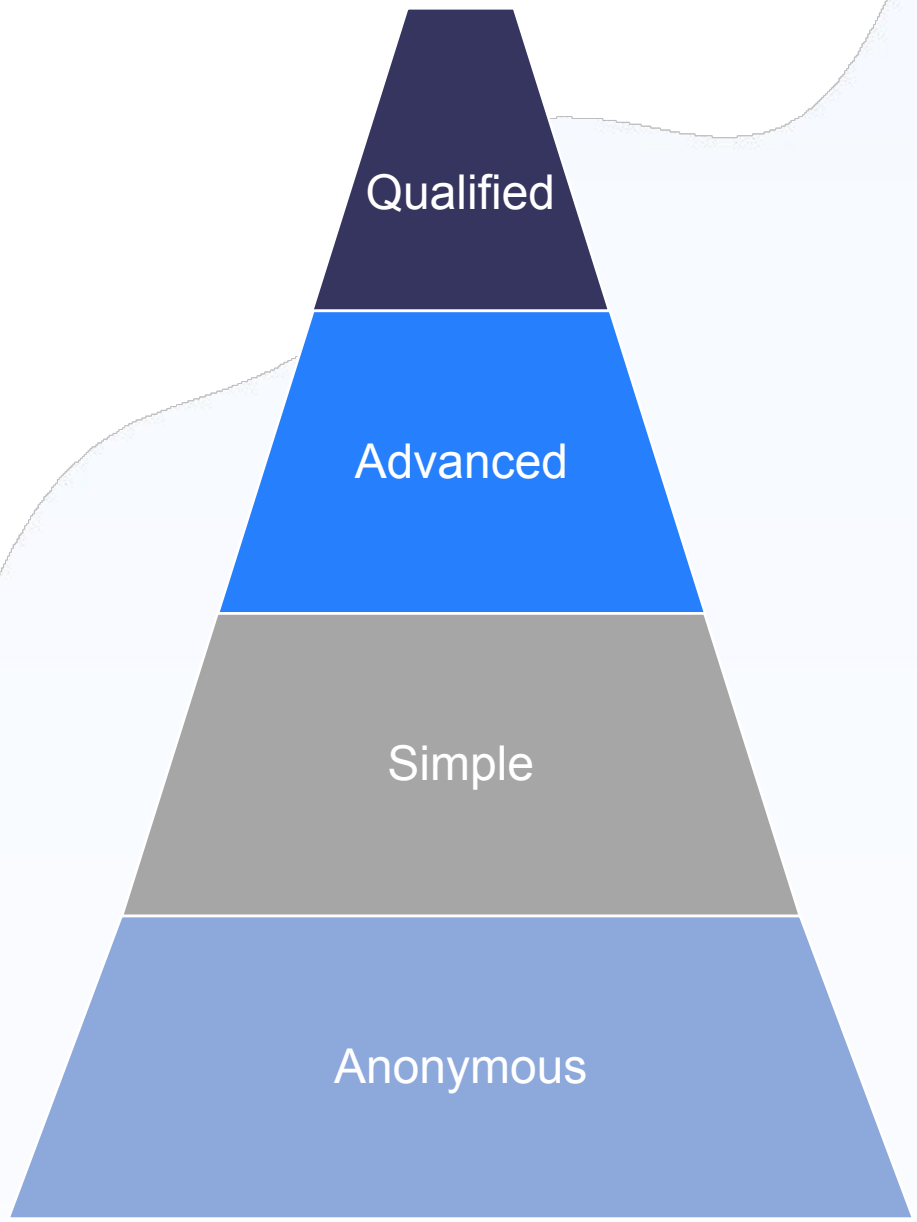
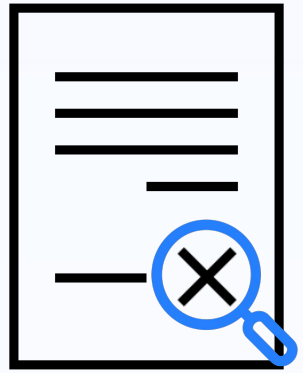
Equality requirement

Authentication level





Confirmation level



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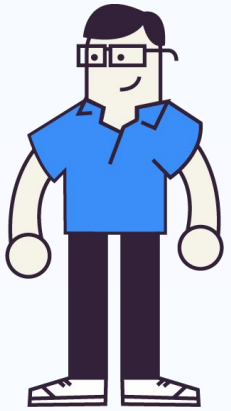
Preconditions

Connections to resources

- SMS brokers
- E-Mail servers
- EU LOTL, TSL
- OCSP providers
- Vendor resources accesses

Access vendor resources need acceptance

- Contract
- Access enabling
  - Connection from Specific IP address
  - Authentication
  - Authorization
  - …



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Integration with authentication vendor

Each method must integrate based on its specifics

- Protocol
- Polling (SMS, Smart-ID, Mobile-ID)
- Direct Interaction (ID-Card)
- Redirect (ePM)
- Vendors specific APIs
- Libraries

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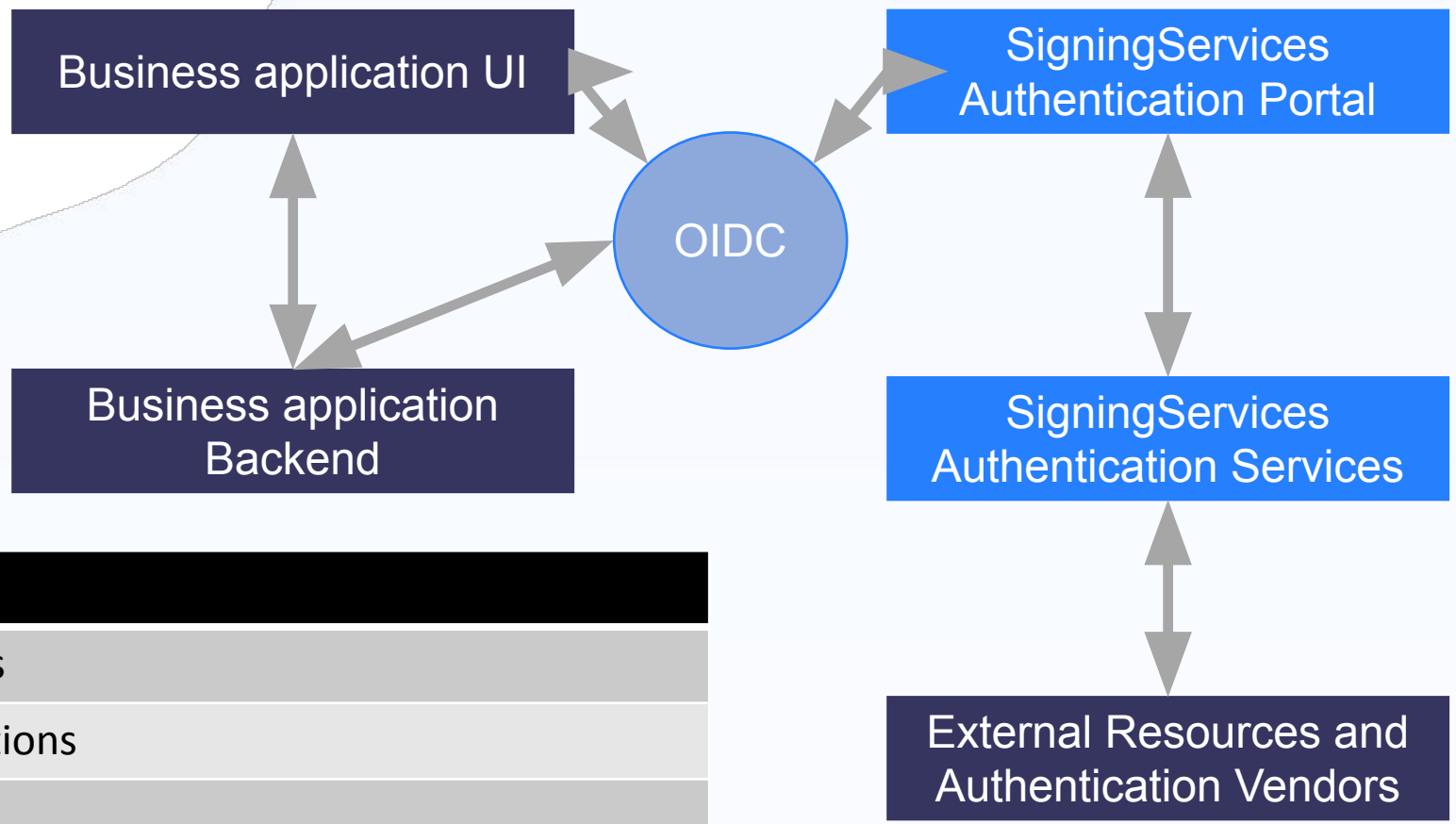
SigningServices coverage



Level	Tool
Anonymous	Not needed external tools
Basic	Covered by business solutions
Advanced	SMS, E-mail, OTP, …
Qualified	Smart-ID, Mobile-ID, ID-Card, ePM, Evrotrust, KIR, …

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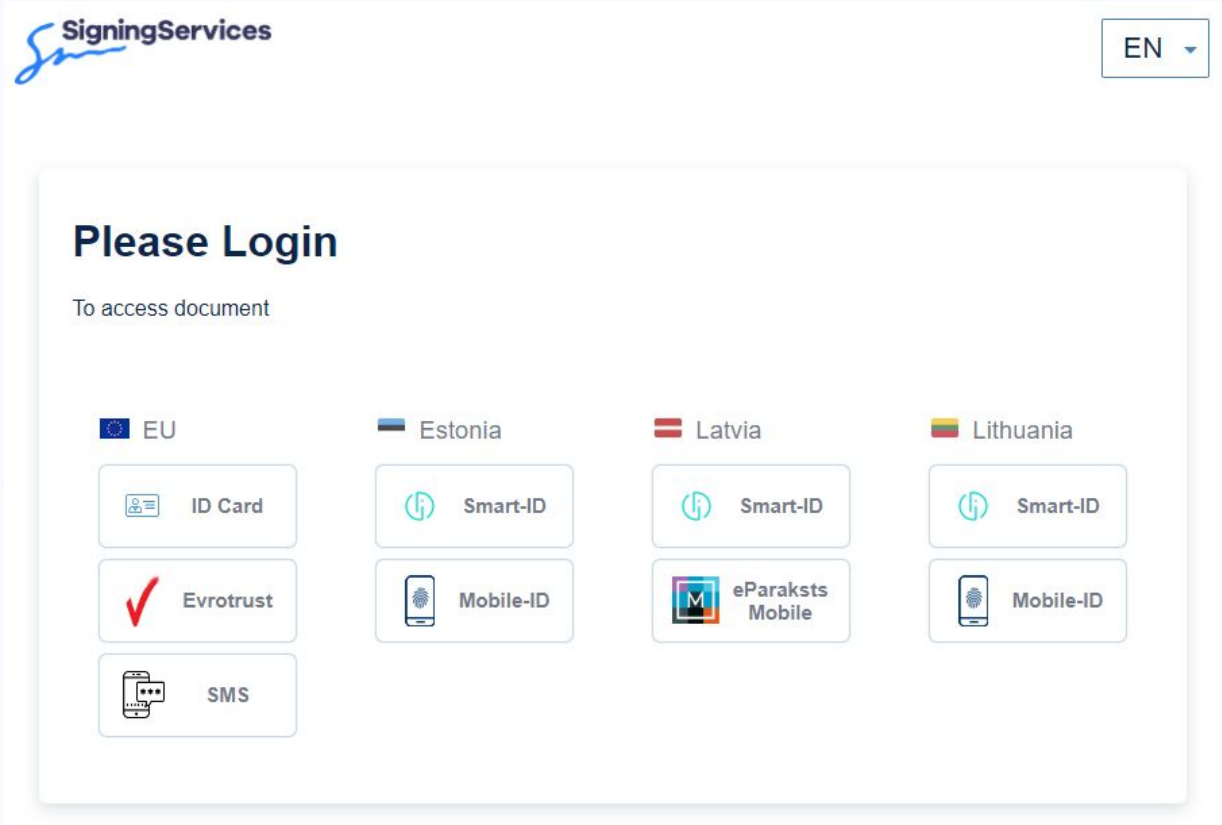
SigningServices Authentication Services

- Java Spring Boot application
- REST API (specific data needed for each vendor)
  - API descriptions
- Docker containers
- Instructions for deployment and configuration
- Guidance for communication with vendors if needed
- Broker of vendor communication (not all)
- Follow vendor and enviroment updates

SigningServices Authetication Portal

- Keycloak + custom SPIs (Service Provider Integrations)
- SPIs can be configured and enabled as needed
- OpenID Connect
  - Standard connectors for Frontend Frameworks
  - Standard Connectors for backend



www.signingservices.io

Requirements

- What level authentication is needed?
- What tools is needed to support?
- Custom UI/can use authentication portal?

Solution

- Technical environment
- Vendor access
- Infrastructure, legal and environment updates

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Digital trust services simplified.

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