

Zero Trust Architecture for Legal Entities

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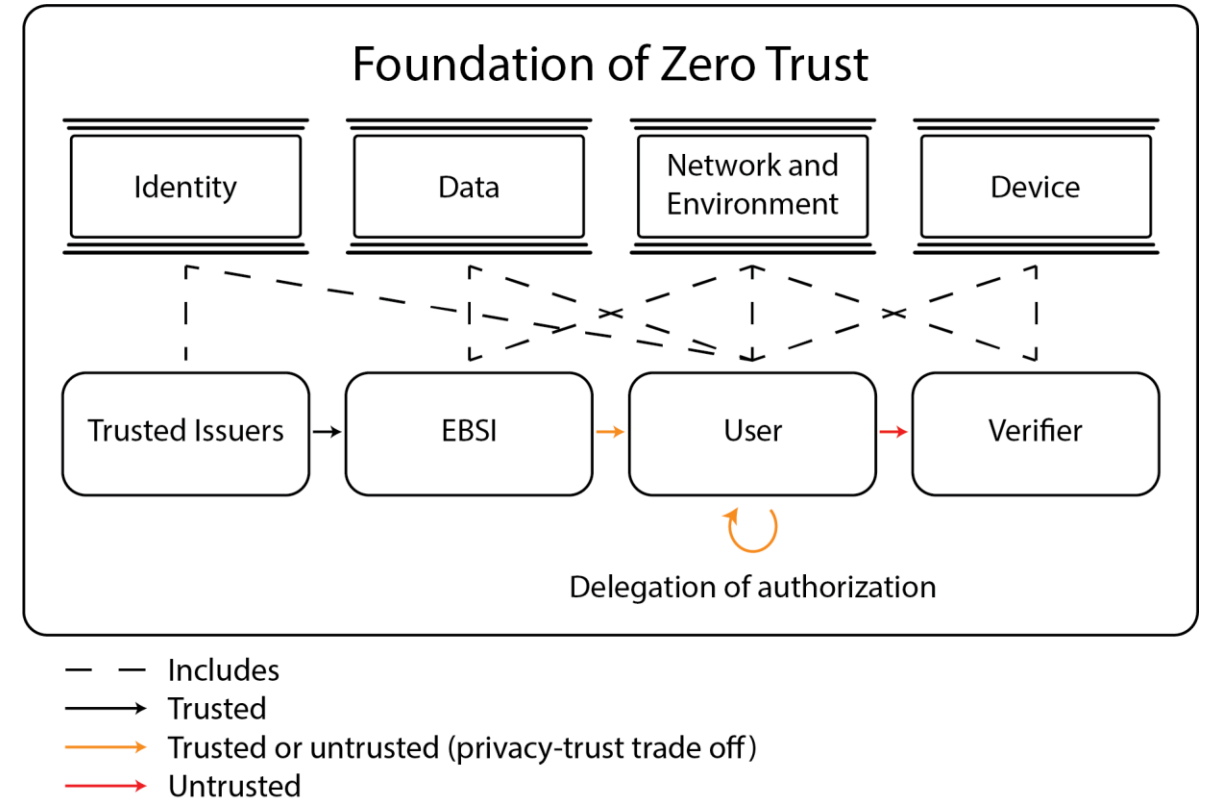
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Overview

- Introduction
- Problem Statement
- Architecture
- Design
- Performance Analysis
- Conclusion

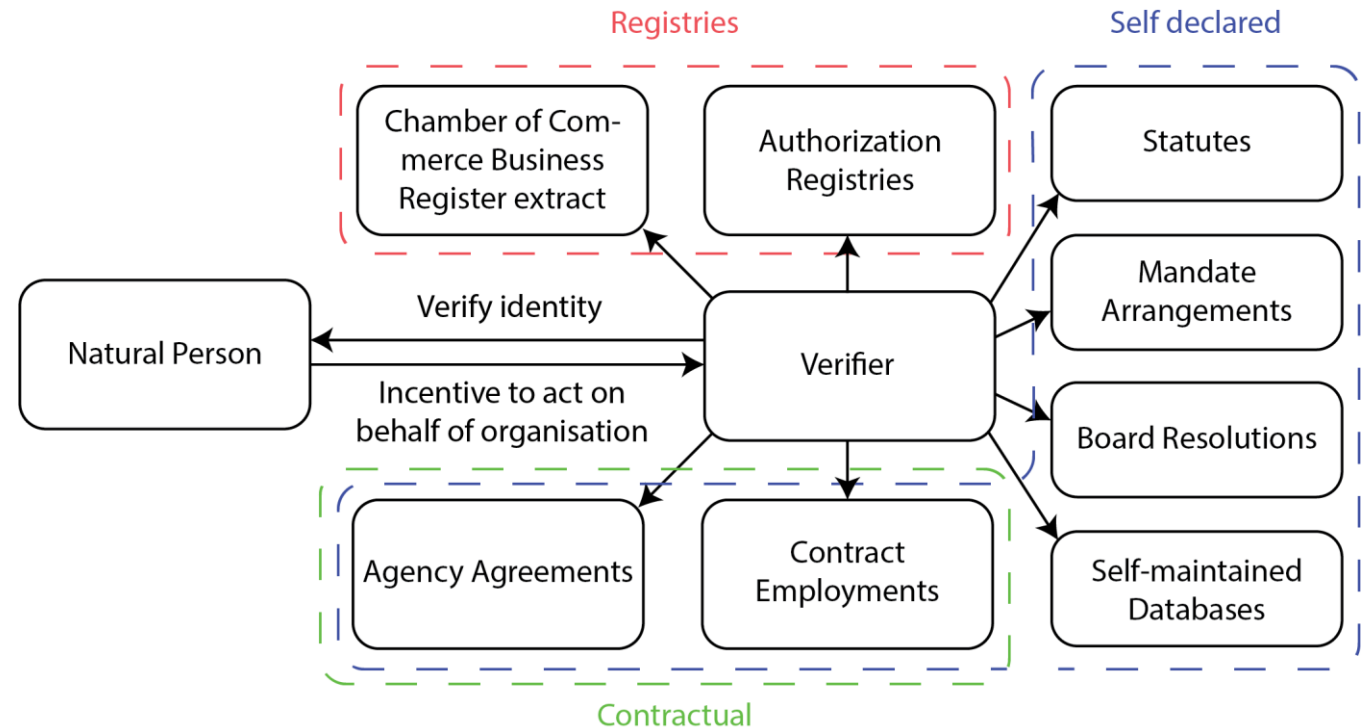
Introduction

- European Digital Identity
- eIDAS
- Cybersecurity and Infrastructure Security Agency
- eHerkenning
- Binding between Natural Person and Legal Entity



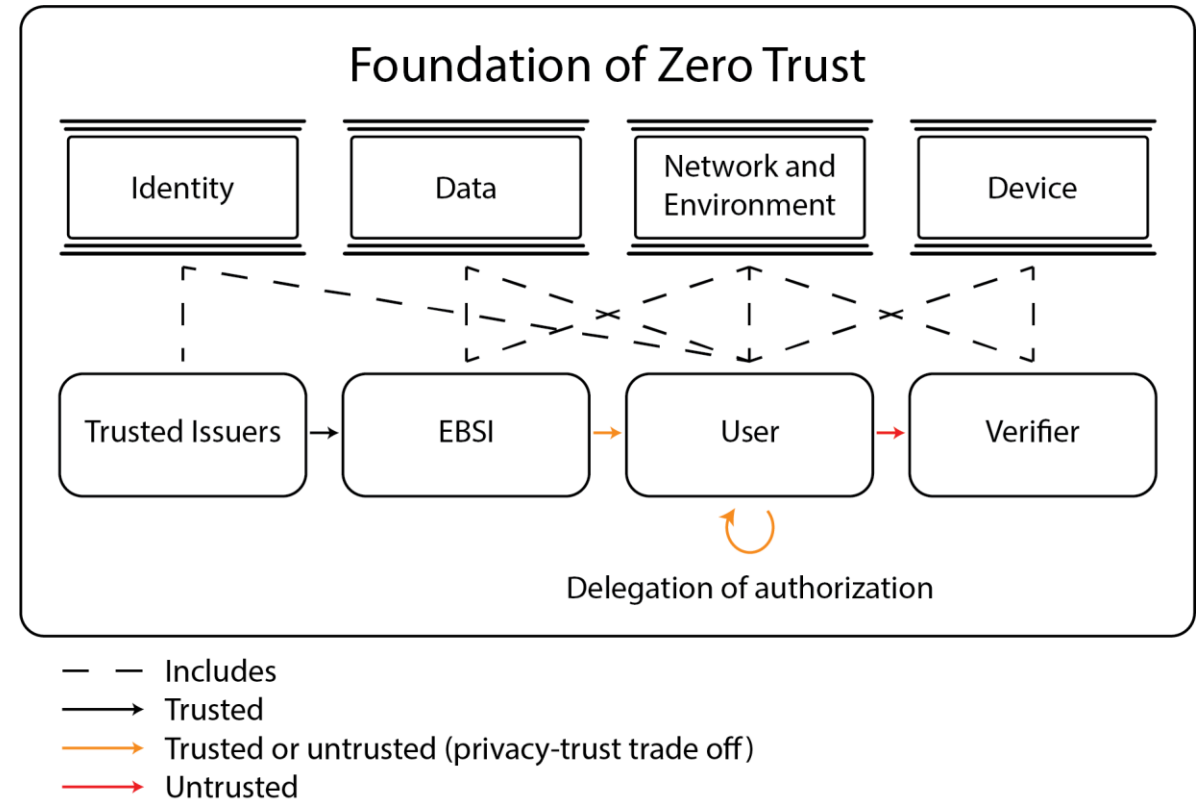
Problem Statement

- Current Situation
- Identity theft
- Non-portable
- Not cross-border



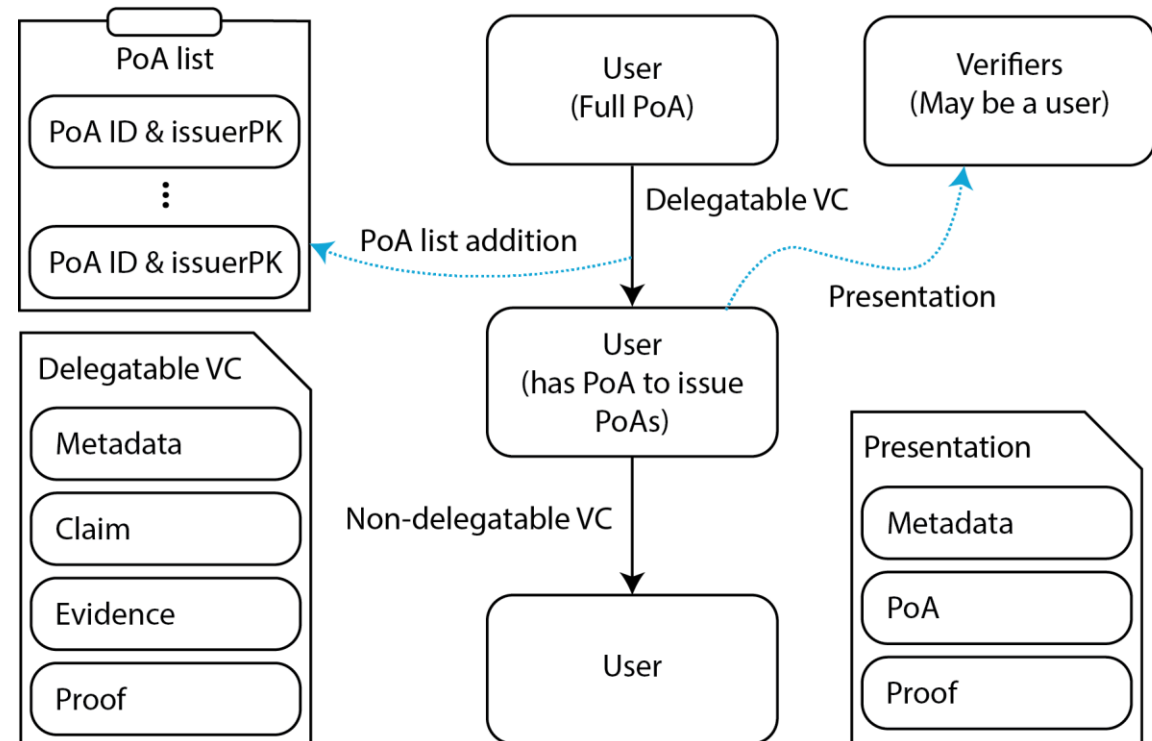
Architecture

- Power of Attorney (PoA)
- Trusted Issuer
- European Blockchain Infrastructure Services (EBSI)
- Users
- Verifiers

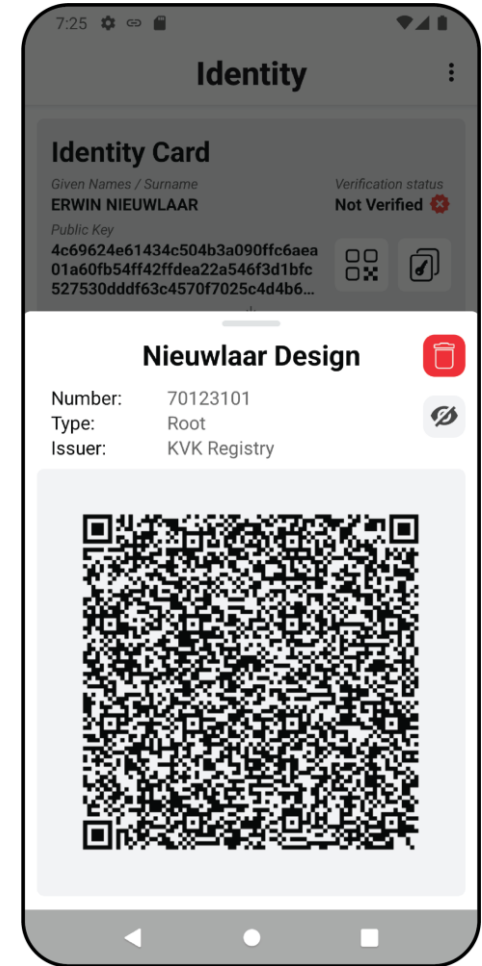
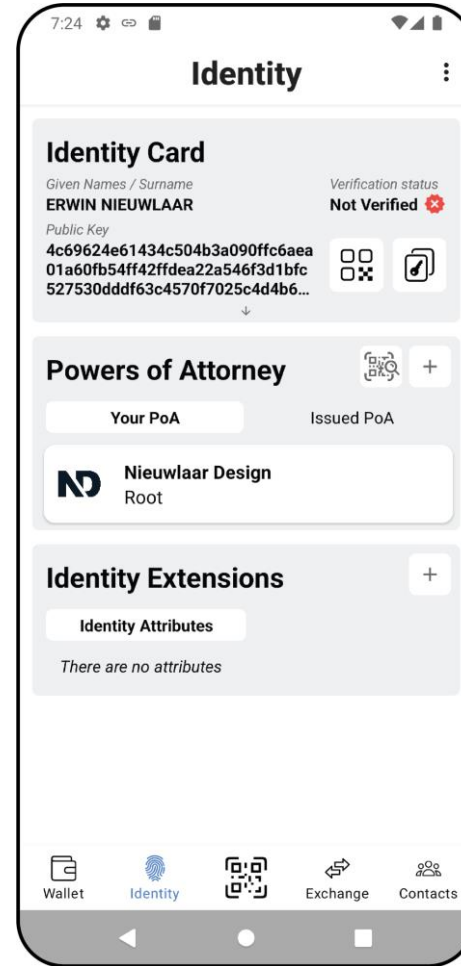
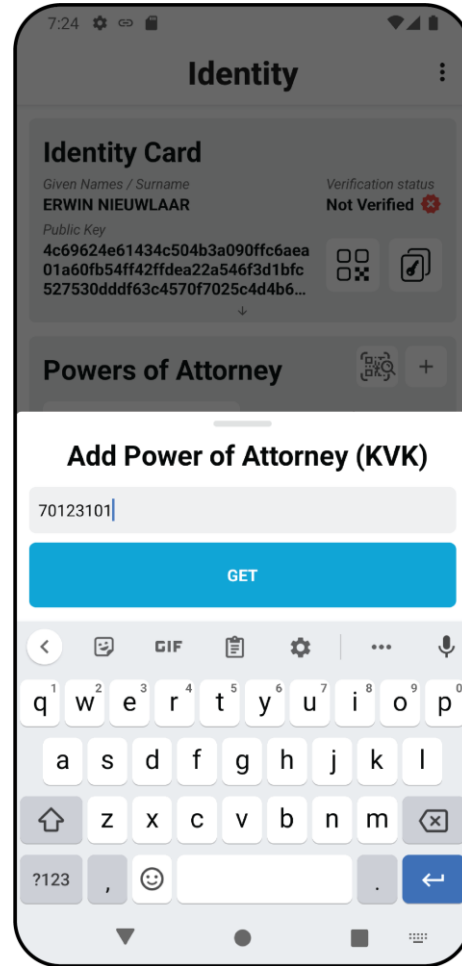
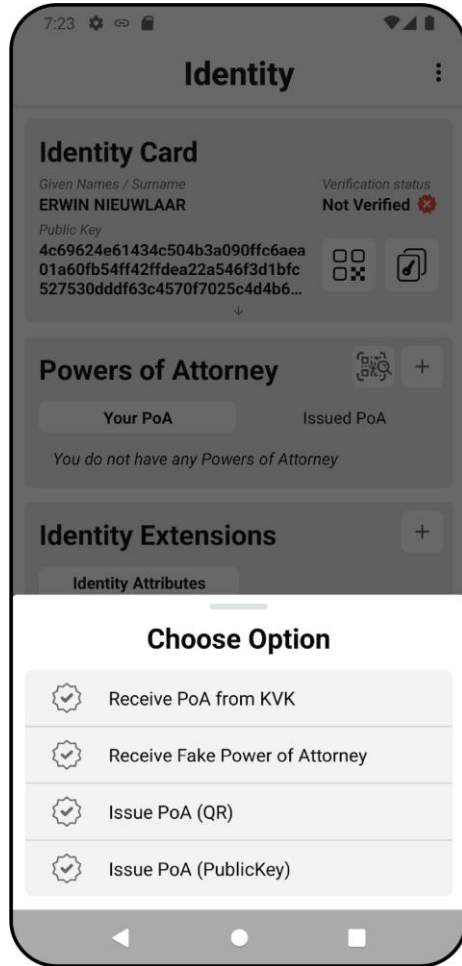
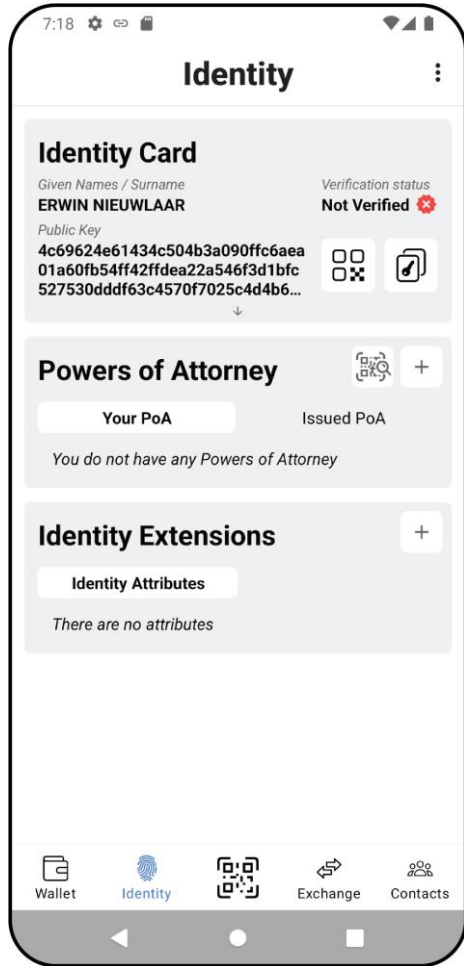


Architecture

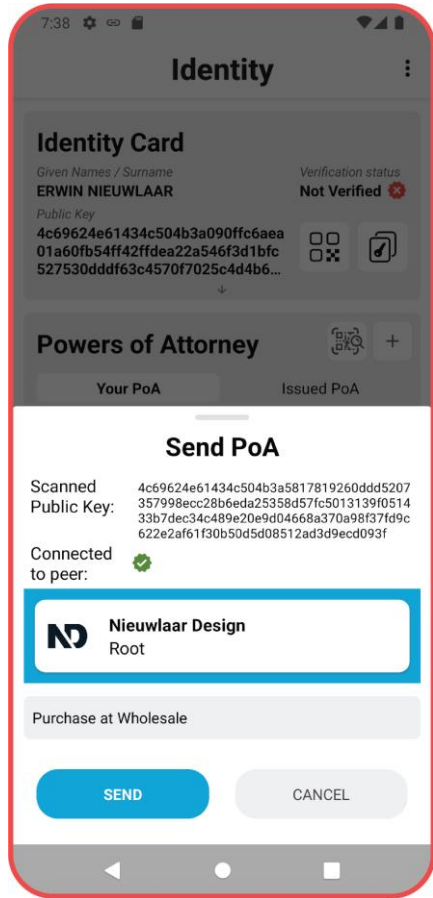
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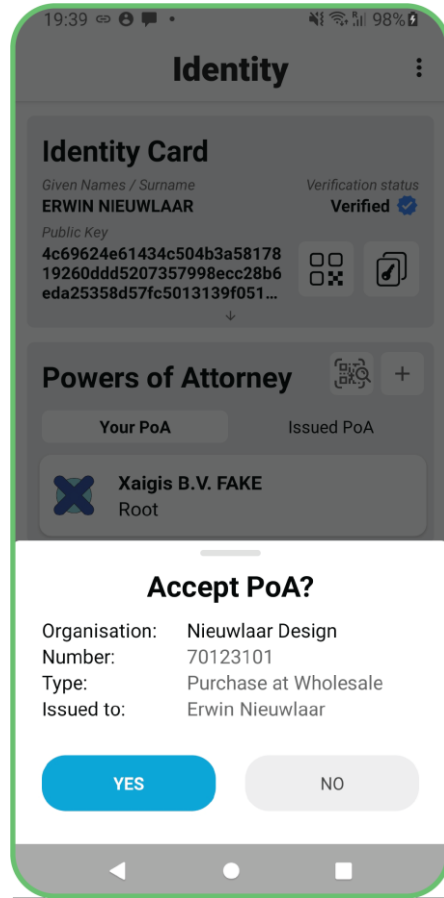
Design



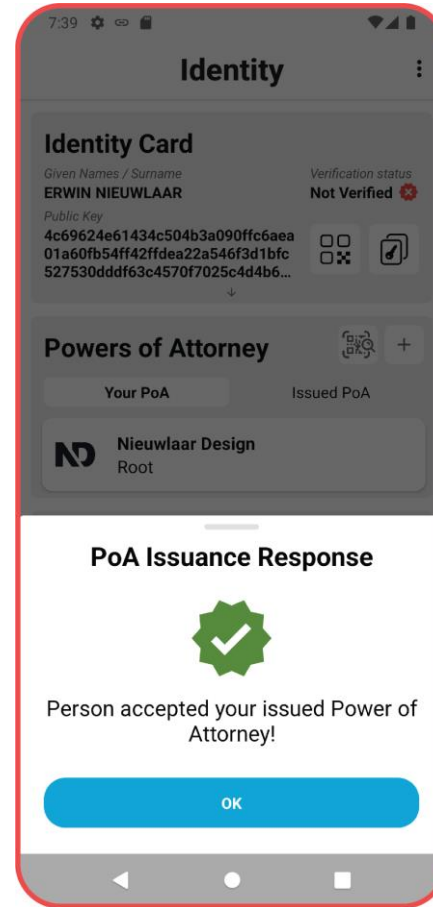
Design



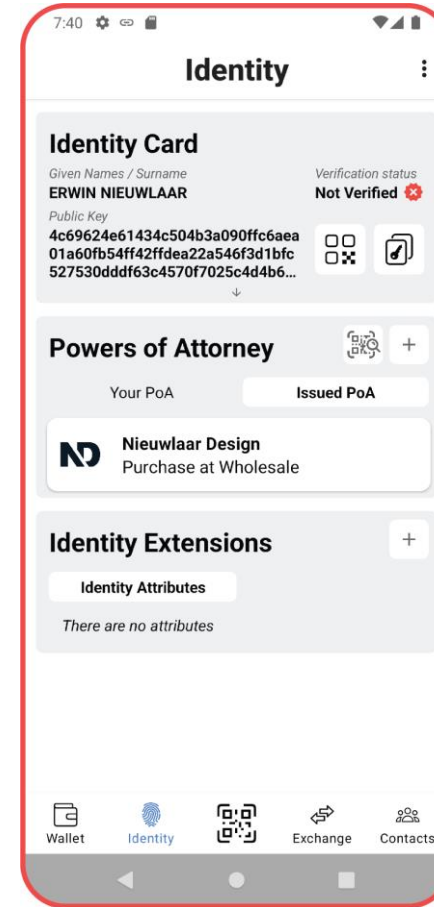
Device 1



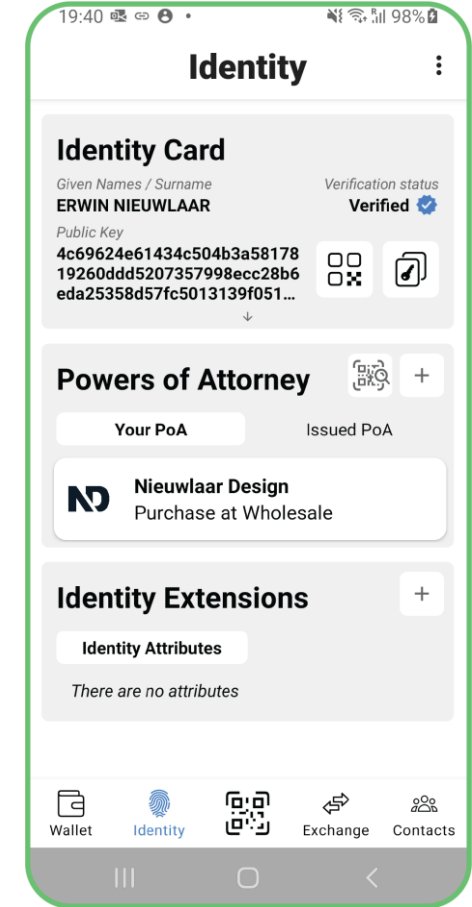
Device 2



Device 1



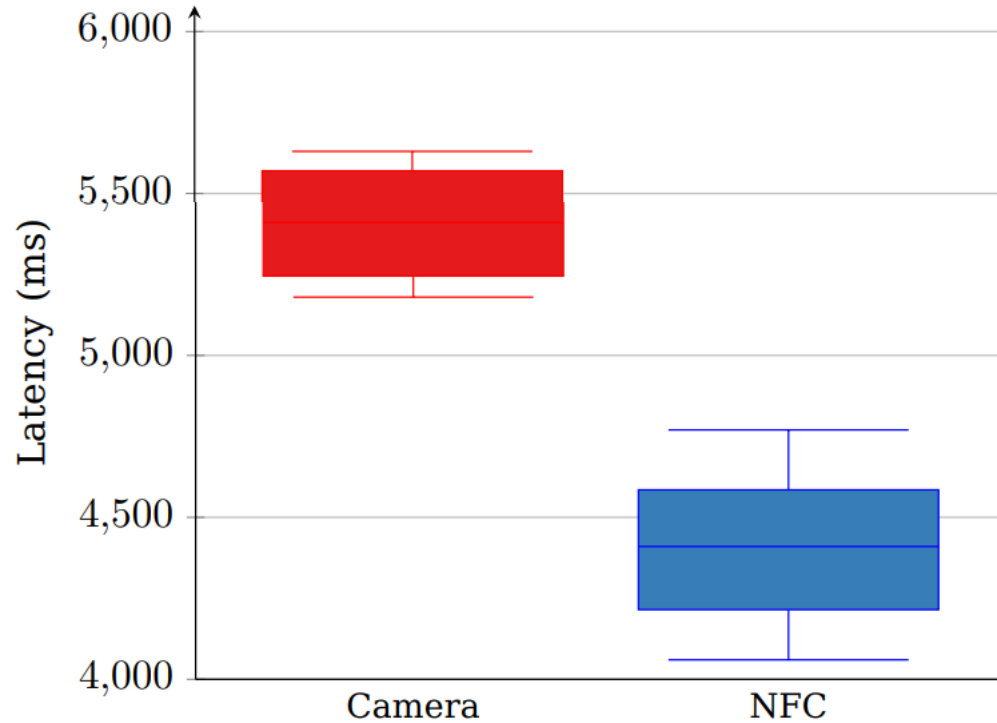
Device 1



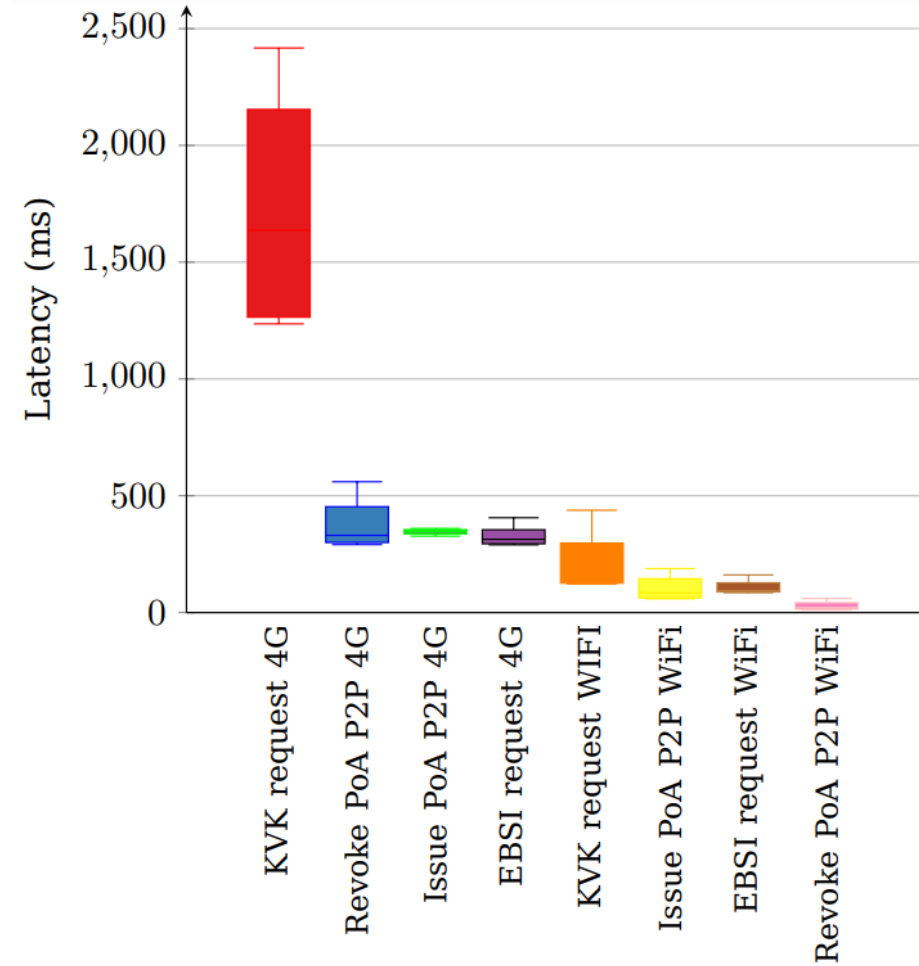
Device 2

Performance Analysis

Initialization:



Continuous:



Conclusion

- Scalable
- eIDAS compliant
- Cross-border (EBSI)
- W3C compliant
- Self-Sovereign