

Maldives NID 2.0

A secure, consent-based and privacy-preserving national identity framework



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1 Introduction

Your digital ID can be used without asking you.

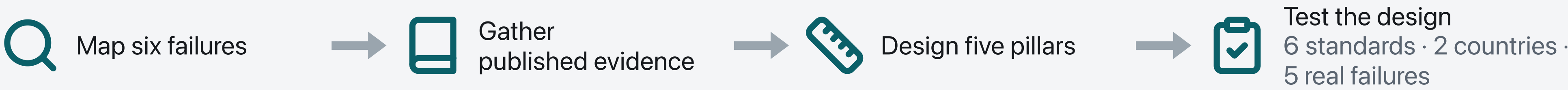

3,000+
complaints about fake party
membership forms (2025)


MVR 150,000
Malé's ID records with phone numbers,
offered for sale (2024)

**What should replace eFaas for
Smart ID 2026?**

-  Keep biometrics off central servers
-  Share nothing without consent
-  Include everyone, even without a smartphone

2 Methods Design Science Research · No participants



3 Results **NID 2.0 puts the citizen in control**

Today: eFaas

**Your data spread
across many databases**

**Data used
without asking**

**You can't see
who looked**


**A bank asks: are
you over 18?**
Share 1 detail

Your birthday stays hidden

With NID 2.0

**One trusted source
for each detail**

**Your OK comes first**
Emergencies only:
4-hour limit, logged

**You see
every access**

**One trusted registry**

**Biometrics on
your device**

**Your ID wallet**

**Consent first**

**Every access checked**

6 of 6 eFaas failures blocked

4 + 1 real failures blocked; adoption
gap addressed

6 / 6 international standards met

4 Discussion

Works only if the design survives implementation.
Estonia's model, plus citizen consent.
Limit: not yet built or tested with users.

5 Conclusion

A candidate design, transferable to other small island states.

-  Adopt NID 2.0 for Smart ID 2026
-  Pass the Personal Data Protection Bill in 2026
-  Show citizens who accessed their data

References and contact

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**Scan for the thesis
and the live prototype**