

The Missing Link for Inclusion in Africa

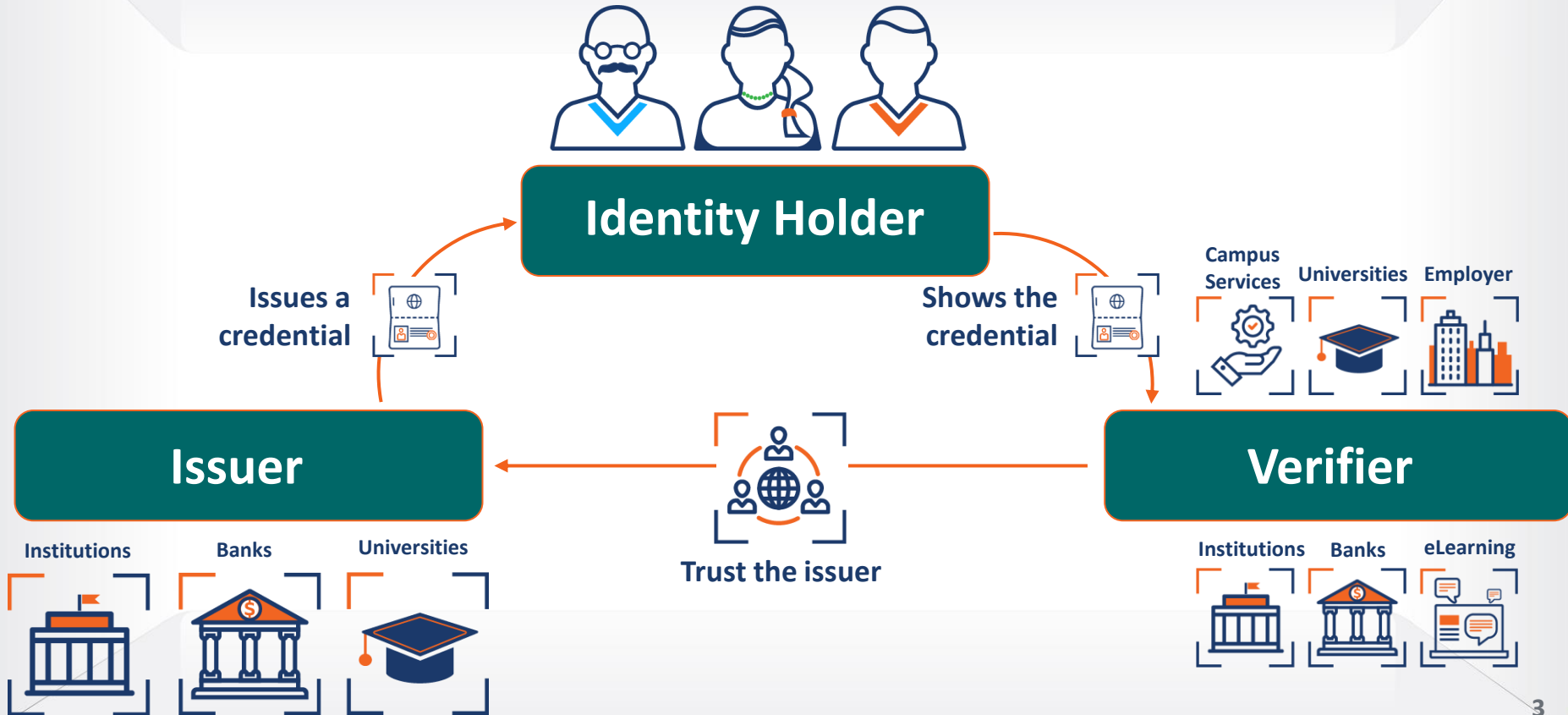
Speaker: Rahul Parthe, Co-founder,
Chairman, and CTO, TECH5



Introduction

For society to succeed, every individual must be included in social development initiatives allowing them to reach their full potential. It requires a progressive approach to building a future-proof **inclusive** ID system that aligns with evolving standards.

Parties involved



What Do the Issuers Want?



**Mass
Adoption**



**Easy Governance
Framework**



**Securing the
Sovereign
Asset**



**Cost Effectiveness
and Sustainability**



Future Proof

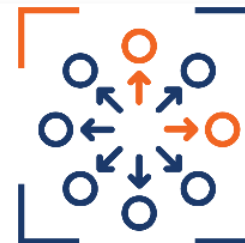
For the user, the Digital ID needs to be:



Inclusive



Trustworthy



Multipurpose



Failsafe

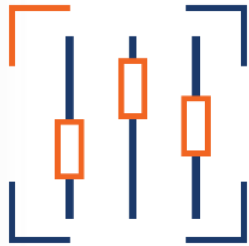


**Digital But
Tangible**



**Controlled by the User
and Have No Tracking**

What Do the **Relying Parties** Want?



Flexibility



**Lower
Liability**



**Compliance
with Regulations**

The Desirable Aspects of a **Modern Digital ID**

The answer is Digital ID with the following technical requirements:



Decentralized



**Aligned with Evolving
Standards Like W3C,
Trust Over IP**



**Biometrically
Enabled**

Digital identity systems are becoming more and more prevalent, but the digital divide is a major obstacle.

Africa is particularly impacted due to the lack of infrastructure and digital skills to fully utilize modern digital ID solutions.





The implementation of an identity solution that can meet these requirements, in combination with open platforms, can become that **missing link for inclusion in Africa**

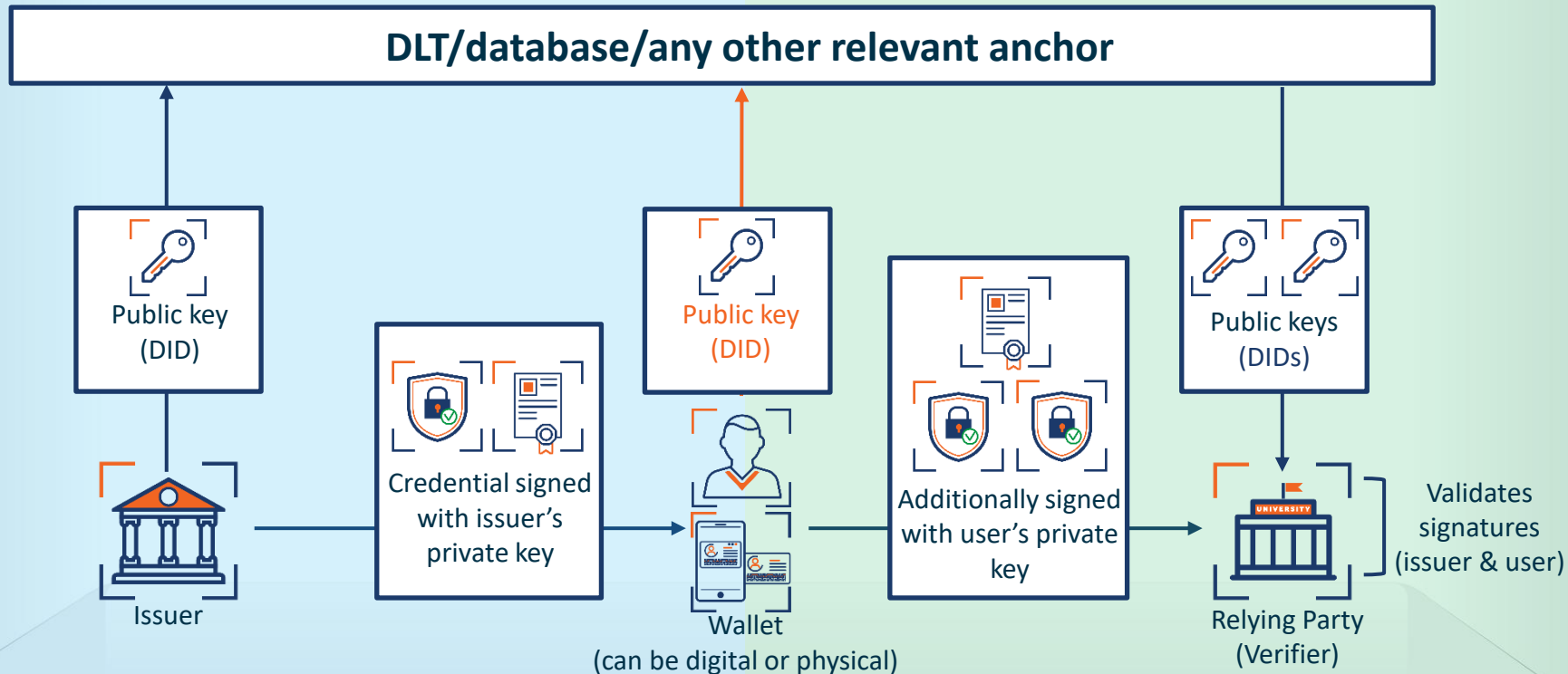
A desirable identity solution should:

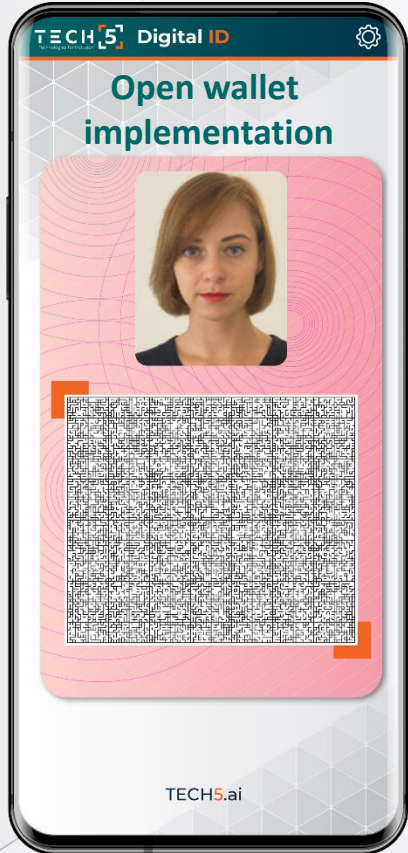
- ❑ **Biometrically enroll** everyone, including children and infants;
- ❑ Leverage a combination of standard **biometric modalities** and potentially add **non-conventional ones** (like palm, voice, and others);
- ❑ **Deduplicate** and issue **biometrically binding credentials** based on the latest standards.



Issuing

Validating





The **decentralized digital ID** that aligns with open standards like W3C can be provisioned in a digital wallet or physical credential with an identity wallet printed on it.

Effective usage of identity relies on frictionless usage and trust built on security:

- ❏ The credential owner can prove their identity by presenting the credential followed by a biometric modality like a selfie or fingerprints;
- ❏ While biometrics are becoming popular, the issue around privacy-preserving biometrics, deep fakes, and morphing should be given special consideration;

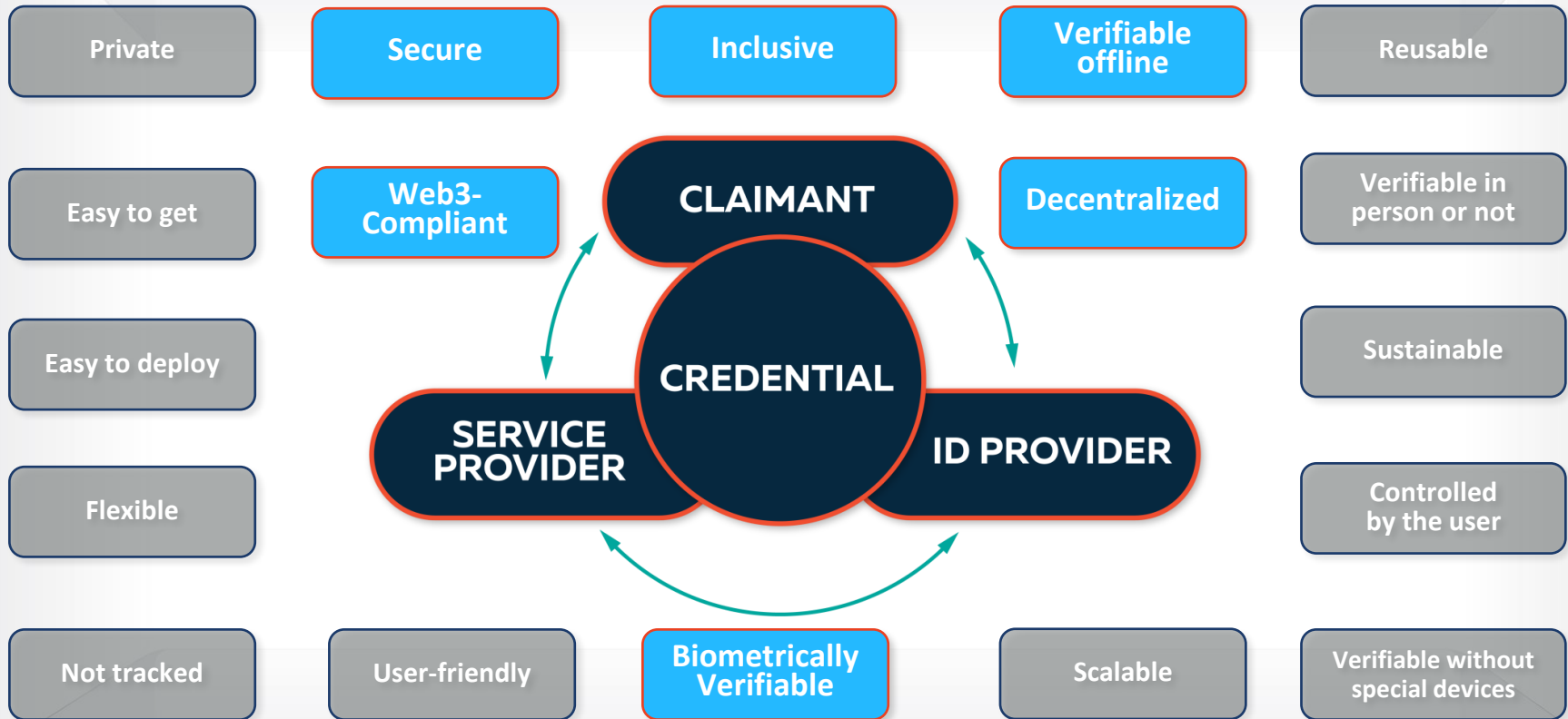


Recap: What Does This Solution Address?

- ❏ **Issuers** to issue credentials centrally but facilitate decentralized usage.
- ❏ **Users** to securely prove their identity with or without a phone without compromising privacy.
- ❏ **Relying parties** to biometrically verify and interact with identity holders in an online or fully offline mode.



To Sum Up!



Thank you!

Questions?



To learn more, visit TECH5's stand **No. H2-25**