

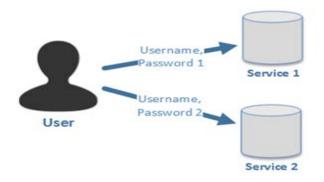


From Real-world Identities to Privacy-preserving and Attribute-based CREDentials for Device-centric Access Control

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ReCRED's goal is to promote the user's personal mobile device to the role of a unified authentication and authorization proxy towards the digital world.

1. Password overload

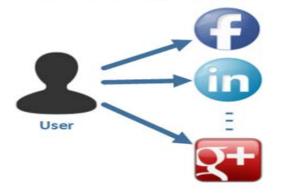


3. Lack of real-world binding

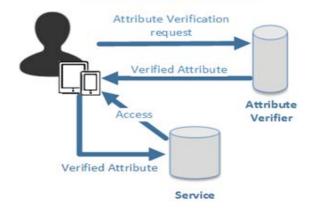


Problems addressed by ReCRED



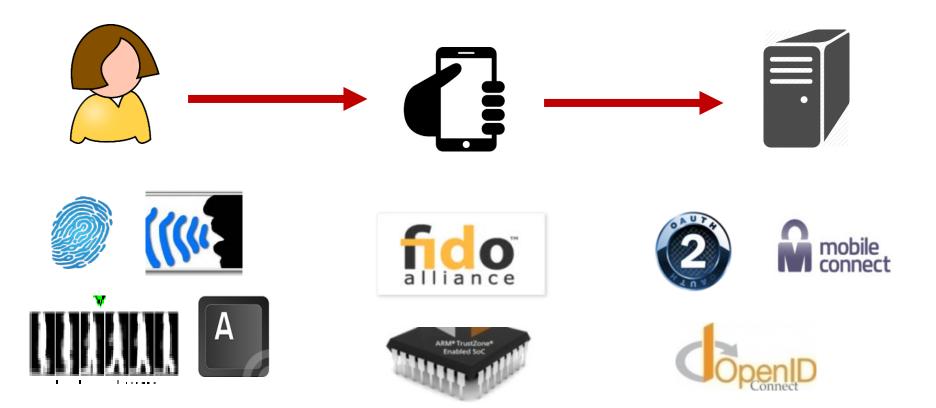


Lack of support for Attribute based access contol





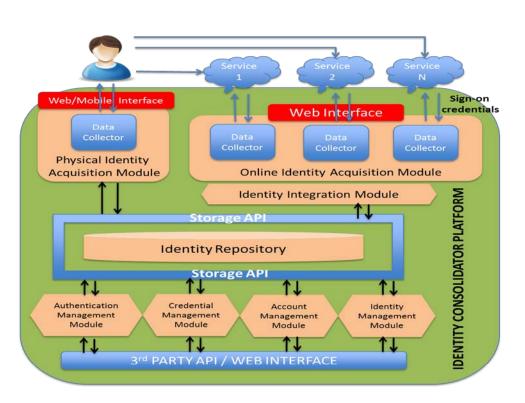
Device-centric authentication & Single Sign On





Identity consolidation

Real-to-online identity mapping







Attribute-based access control



Account-less access
through verified identity
attributes (e.g., Age,
Location, etc.)



Issue cryptographic or anonymous credentials





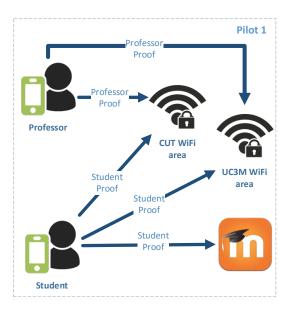
- It anchors all access control needs to mobile devices that users
 habitually use and carry
- It is aligned with current technological trends and capabilities
- It offers a unifying access control framework
 - On line and physical authentication and authorization
 - Using off-the-self mobile devices
- It is **attainable** and **feasible** to implement in the existing products



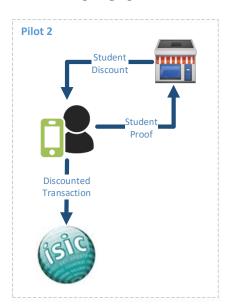


ReCRED's pilots

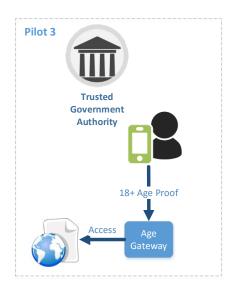
Pilot 1: Device-centric campus WiFi and web services access control



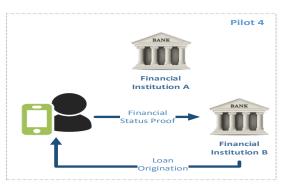
Pilot 2: Student authentication and offers



Pilot 3: Attribute-based age verification online gateway



Pilot 4: Financial services – microloan origination





Thank you!

www.recred.eu

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