

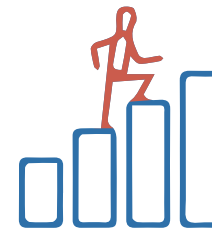
Privacy Preserving Digital Currency

Digital currency as a real market alternative to cash and credit card payments



Challenges

Achieving the integration of KP_ABE without leaking any information which let to link a payment with a customer.



Next steps

Integration of Key-Policy Attribute-Based Encryption (KP-ABE) scheme and **enhancement of the payment platform** by splitting the current structure into services.



Objective

Developing **new payment methods** which are secure and auditable, and at the same time fully preserve anonymity and do not leak any unwanted information.



Target

- Banks and Financial Service Providers
- Public administration
- Merchants



Previous work

Deployment of the payment platform and its core functionalities based on **Blind Signature schemes**.