

Leading Change  
Inspiring Progress



# Modern cybercriminals don't hack in, they log in

Easily, add an extra layer of defense with Latch.



# Evolution of Digital Identity

BASIC DIGITAL  
AUTHENTICATION  
**1960 - 1990**

MULTIFACTOR  
AUTHENTICATION  
**2000 - 2010**

ENHANCED  
SECURITY  
**2010 - today**

- 60

PASSWORDS  
Visible storage
- 70

HASH FUNCTIONS  
Brute force  
ENCRYPTION ALGORITHM  
Insecure politics
- 80 - 90

OTPs  
Weak algorithms

- 00 - 10

SMS OTP  
SIM Swapping
- MAIL OTP  
NO 2FA
- HOTP  
Replay attack
- TOTP  
AuthQuake
- PUSH NOTIFICATIONS

- 10 - ...

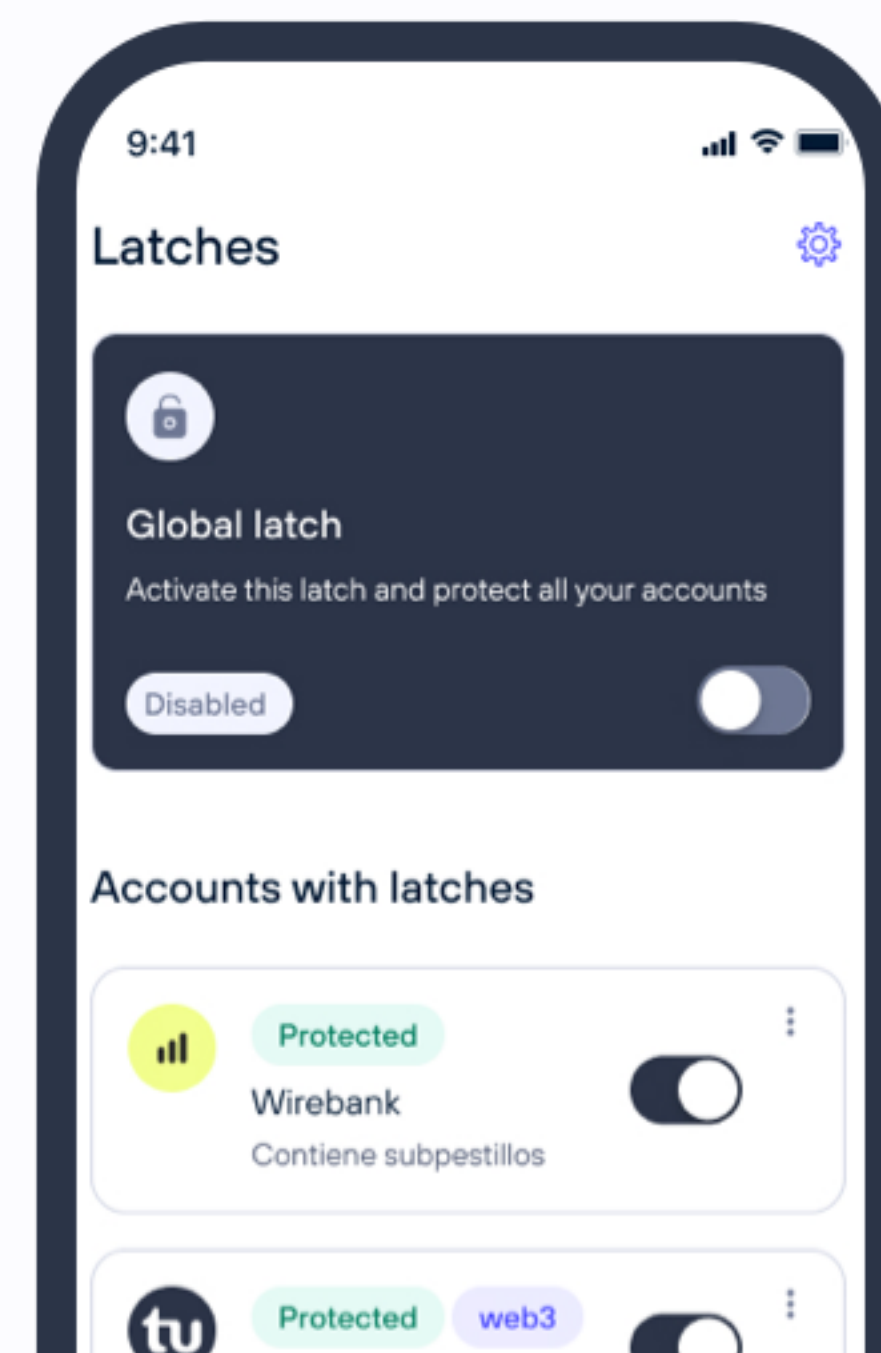
PASSWORDLESS
- ZERO TRUST
- FIDO 2
- ADAPTATIVE  
AUTHENTICATION

# Authorization Control Platform Modules

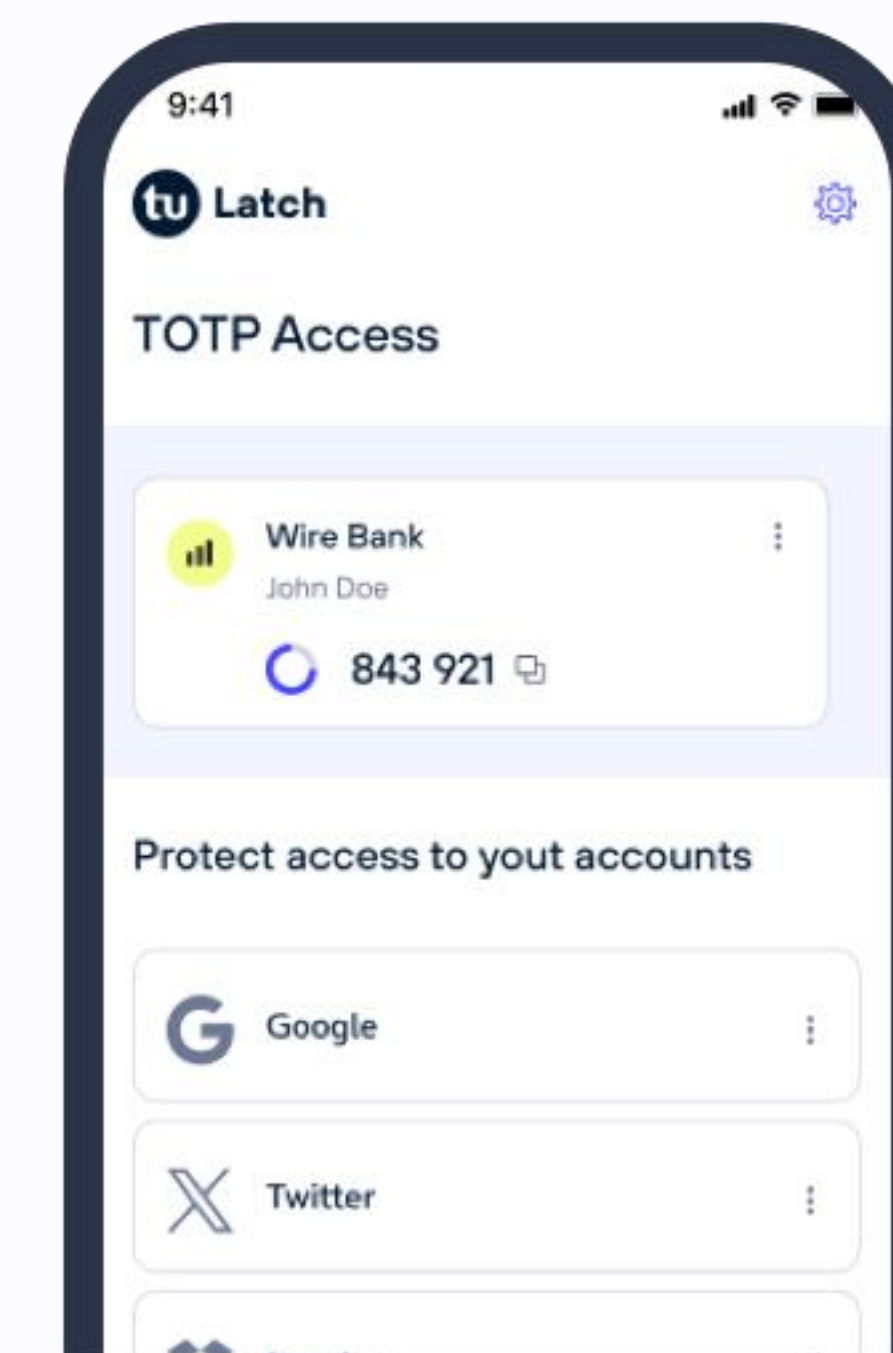


## LATCHES

### LATCHES FOR SMART CONTRACTS



## QTOTP SERVER



# The Magic Key to Thousands of Functions



## Protect Privileged Operations

such as access and modification of sensitive information, transfers, etc. with authorisation controls.



Create authorisation flows to associate latches to specific roles and people



Enforces conscious actions with  
**OTP Authorisation Control Signatures**



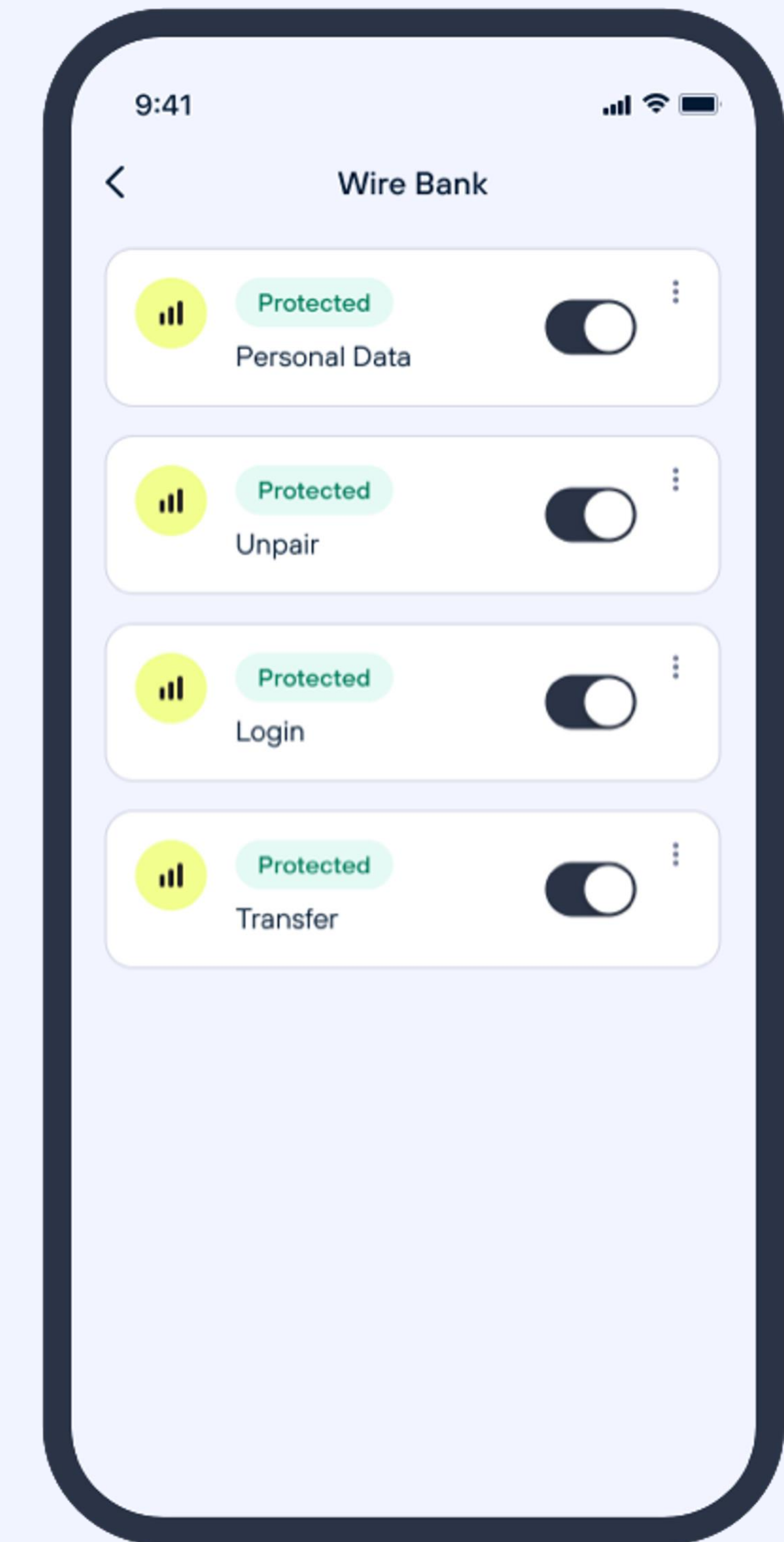
**Automatically Locks** privileged accounts and operations associated with events



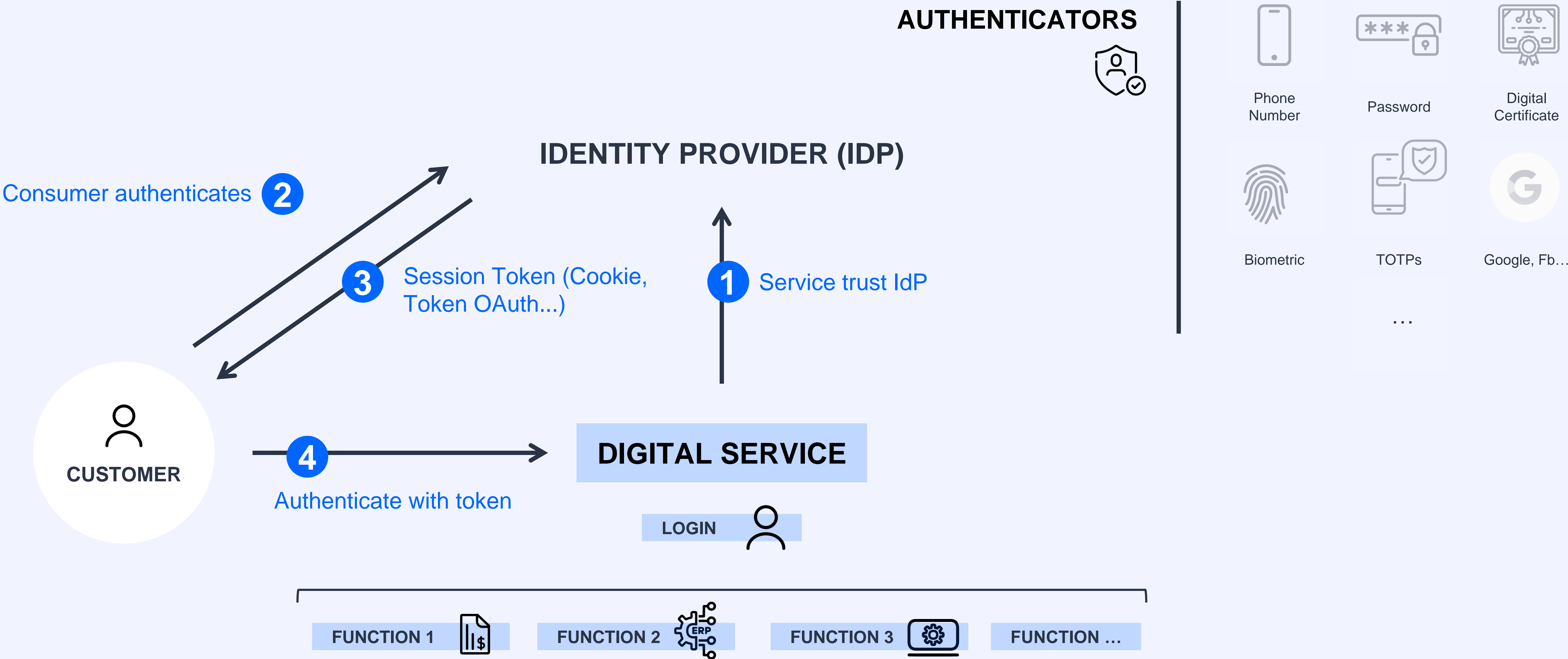
**Schedules event-driven locks**



Take notifications and history of access to **Authorisation Controls**

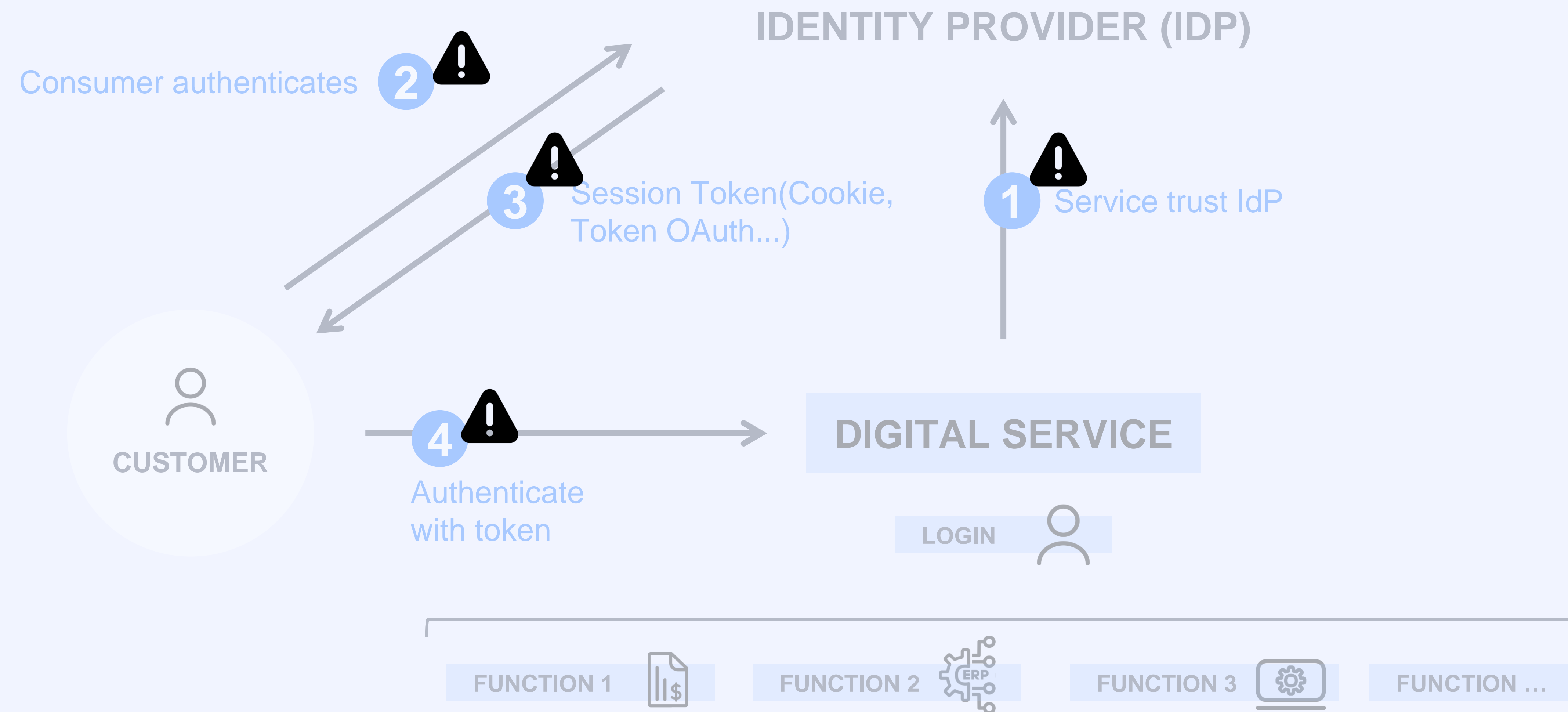


# Basic Authorization in Companies





# Basic Authorization in Companies



## SECURITY ISSUES



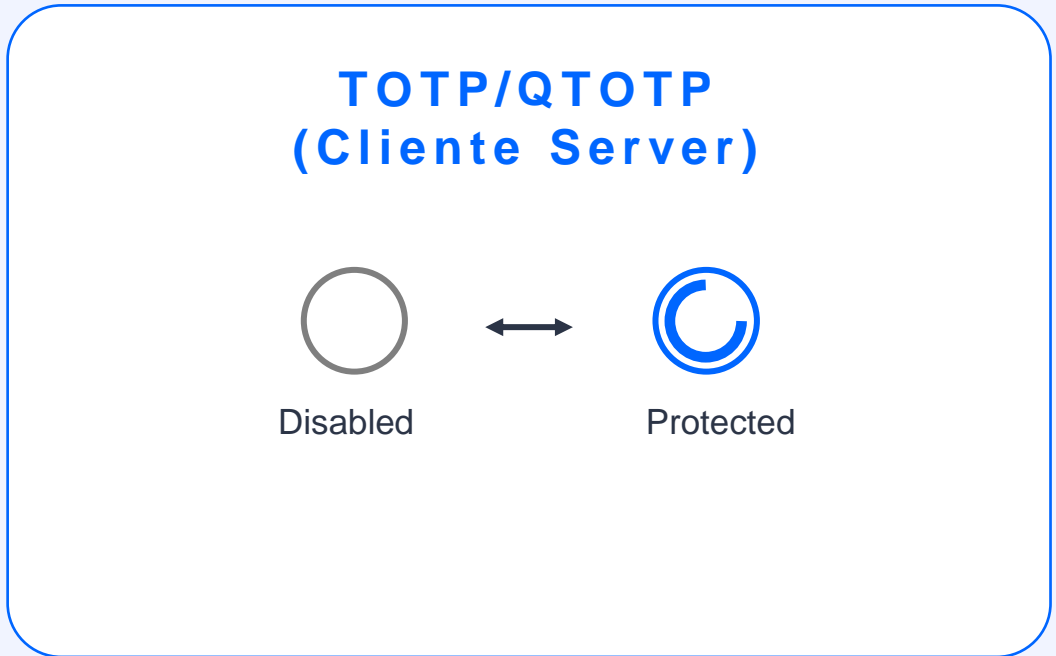
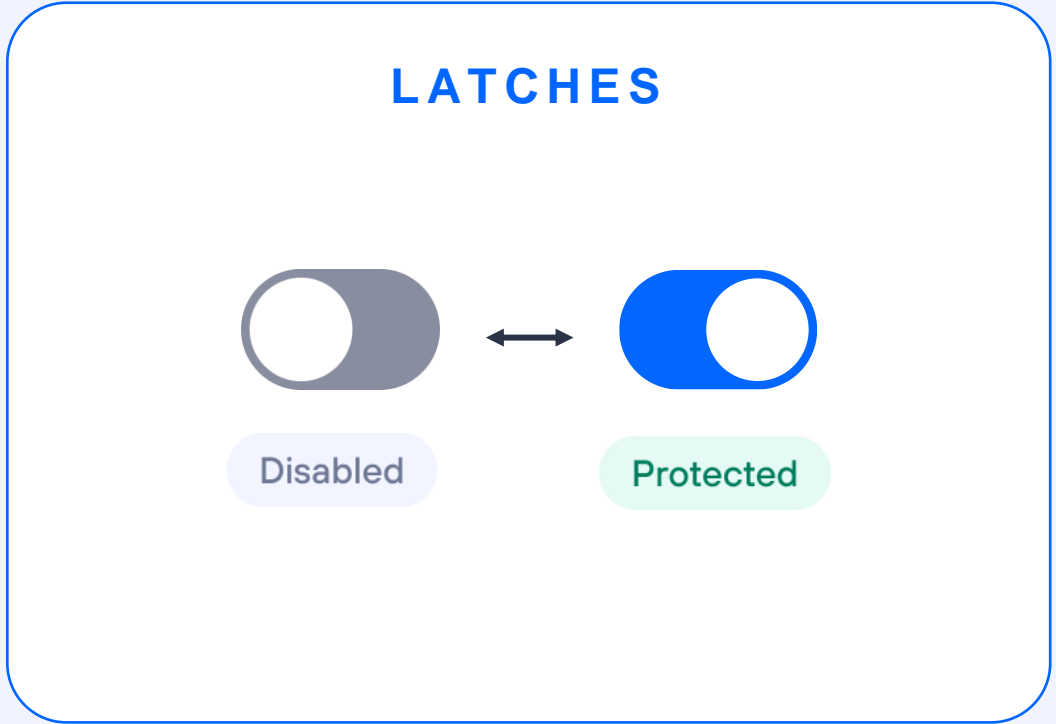
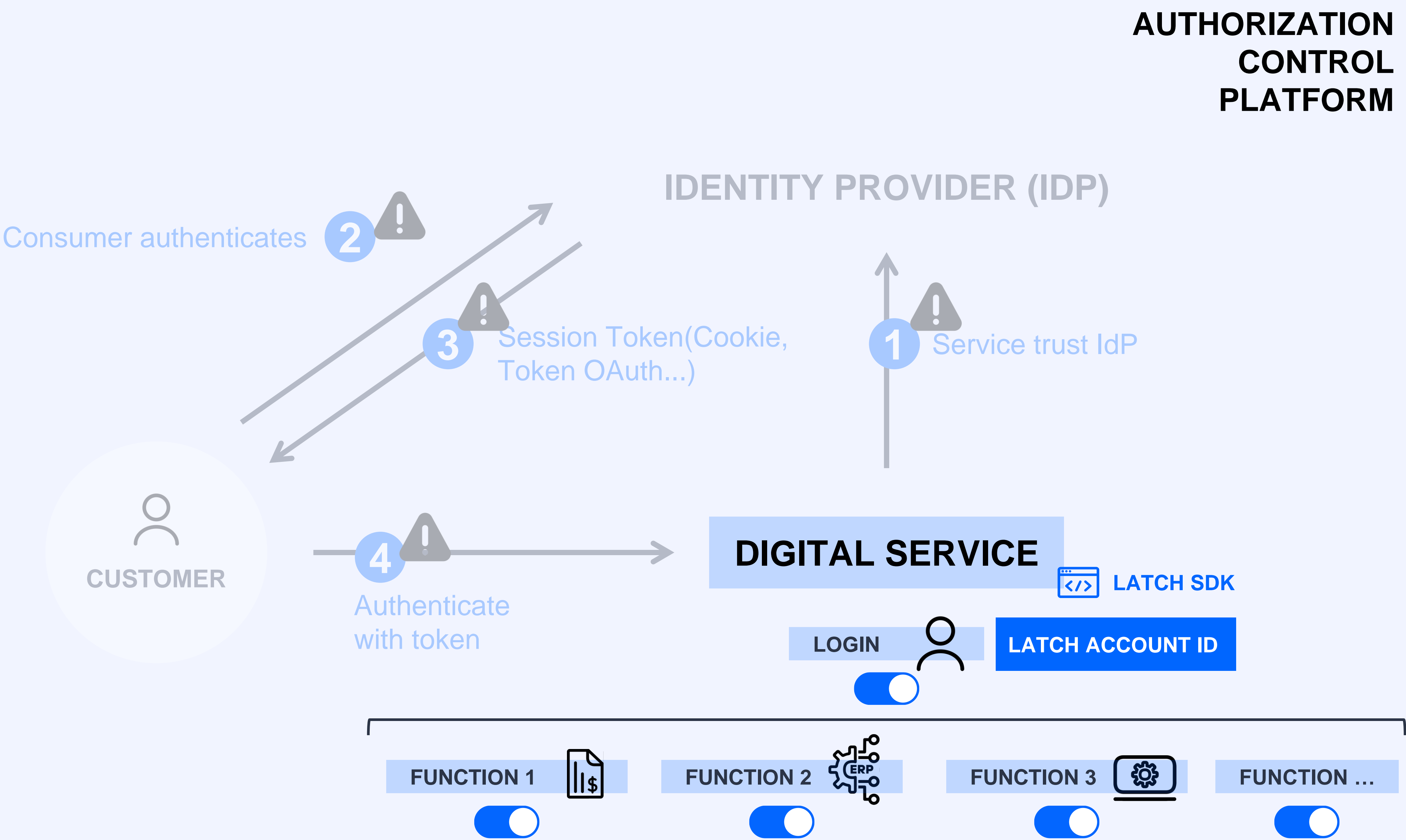
**Relying on a malicious or incorrect IDP** (unauthorized authentication).

**Factors compromised** (password theft, 2FA compromised)

**Various security token attacks** (token or cookie theft, claims alteration, forgery, interception, etc.).

**Claims Design Risks** (excessive permissions, violating the principle of least privilege).

# Basic Authorization in Companies

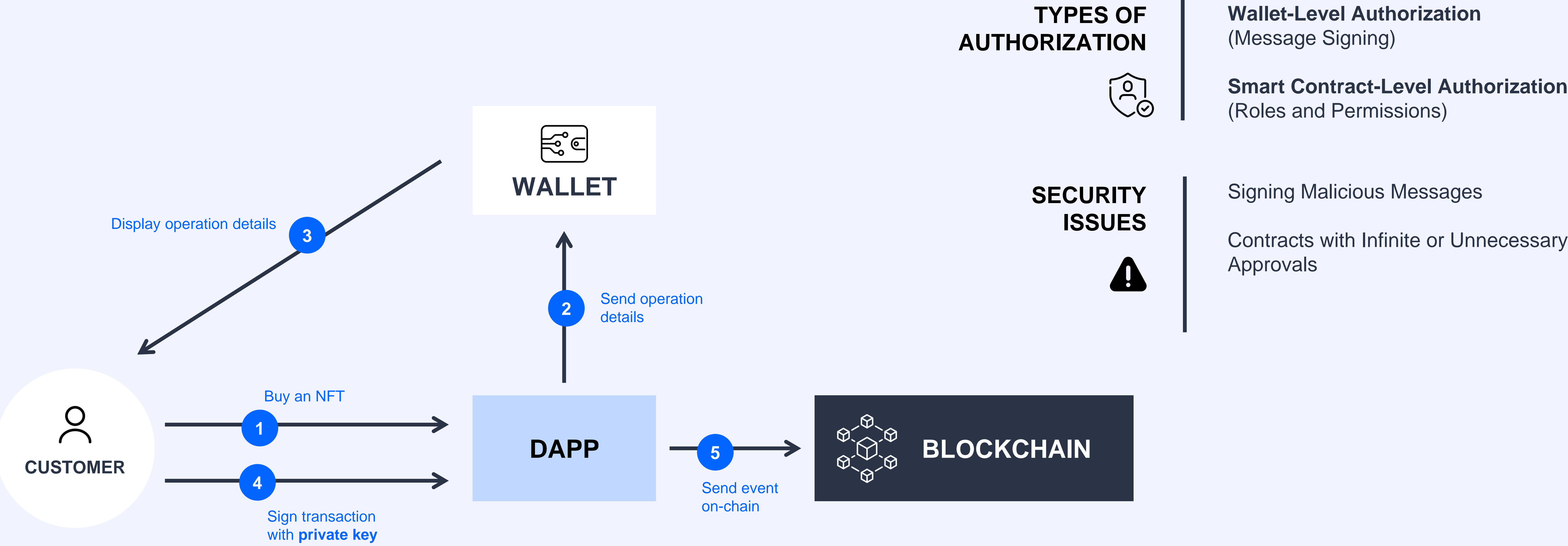


Workflow of authorization



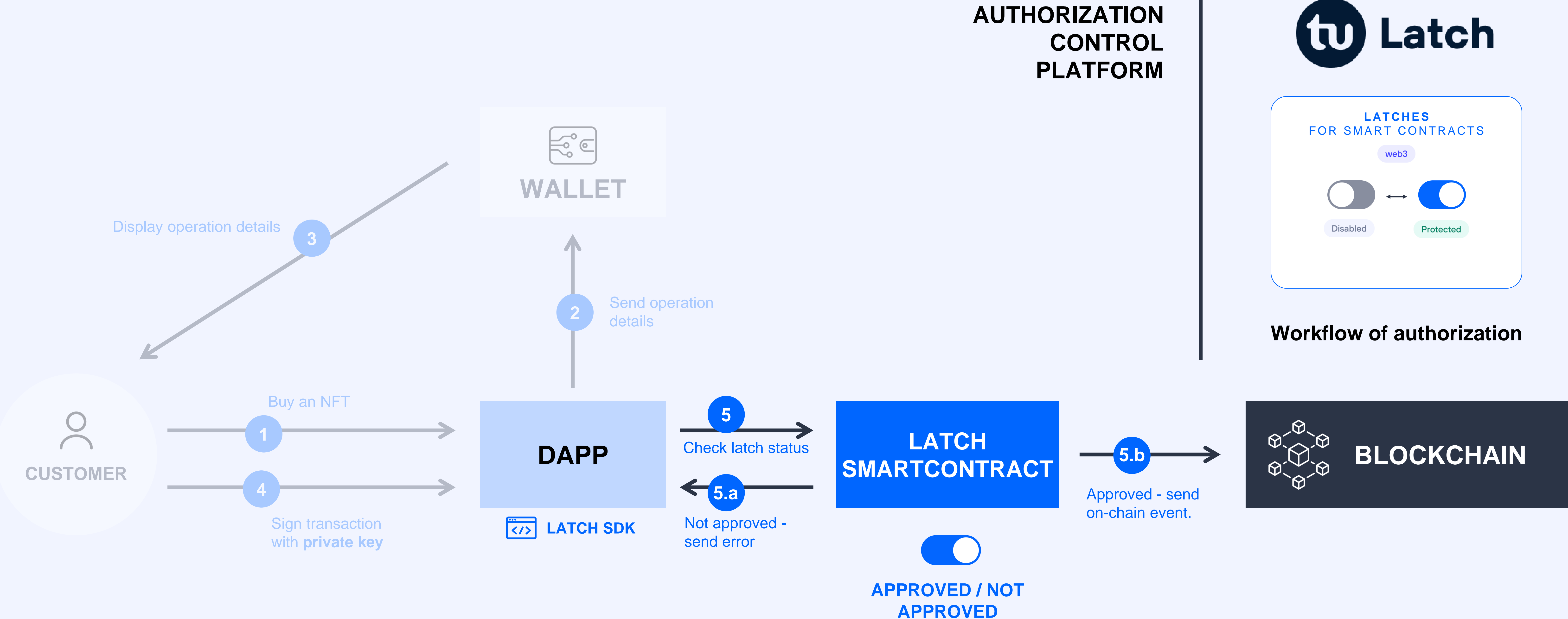


# Basic Authorization in Web3

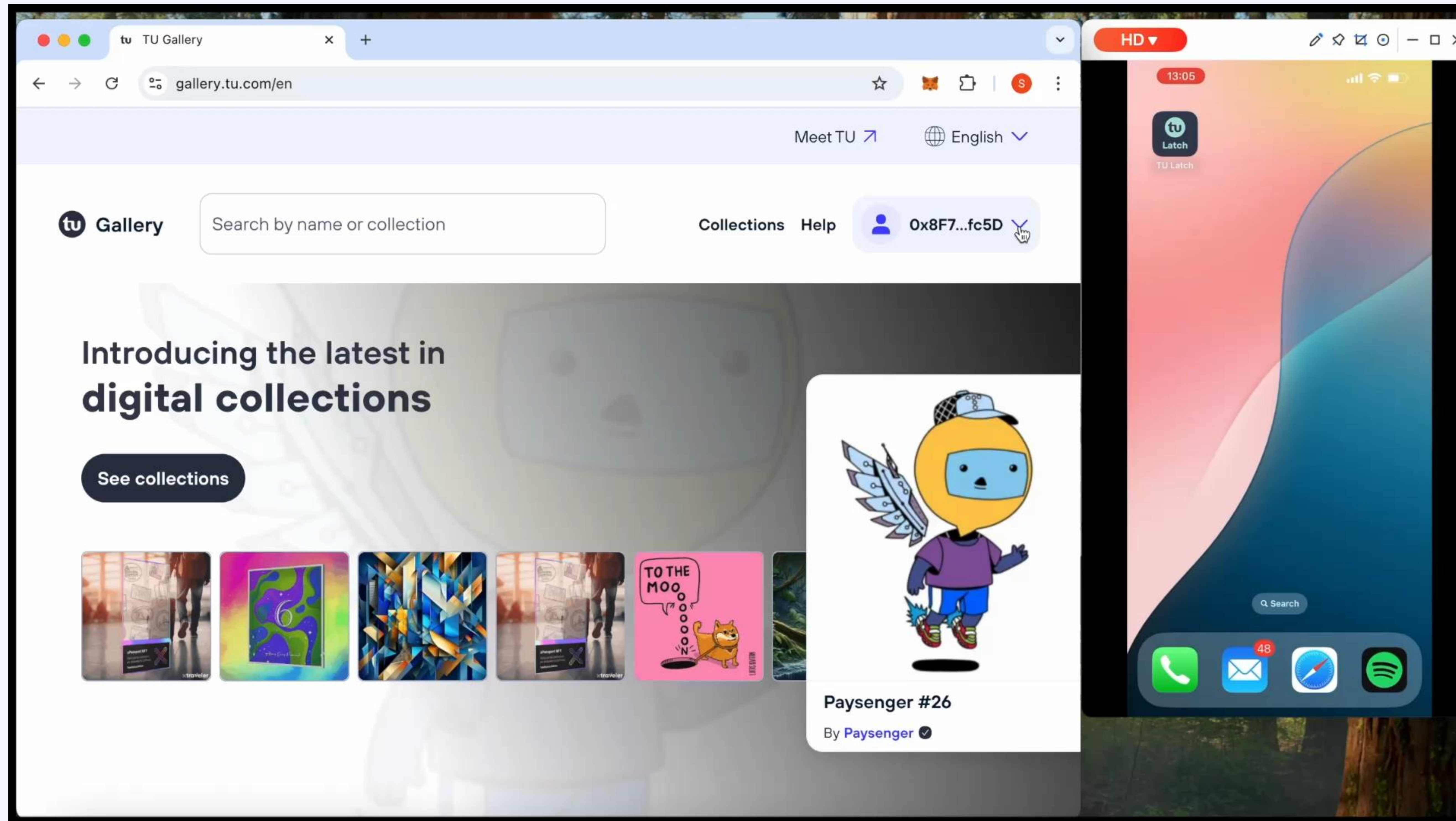




# Basic Authorization in Web3

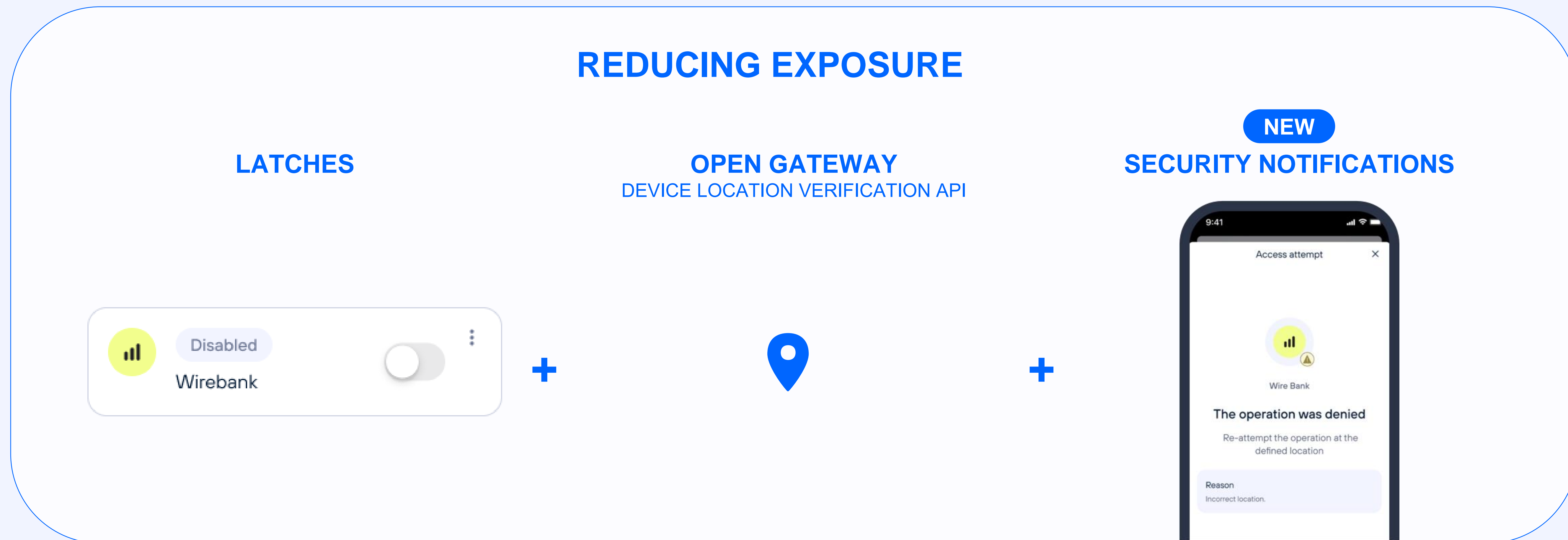








# Location-Based Adaptive Authorization





# Demo

LOCATION-BASED ADAPTATIVE AUTHORIZATION





# Raising the TOTP Standard



## Quantum-Proof Future

From developer portal, you can create, obtain, and validate TOTP codes whose seed has been generated using a quantum random number generator.



## Anomaly Detection

From Latch Support Tool, you can access all logs to detect potential attacks.



**Recover TOTP codes from any device**, as they are linked to the Latch account.



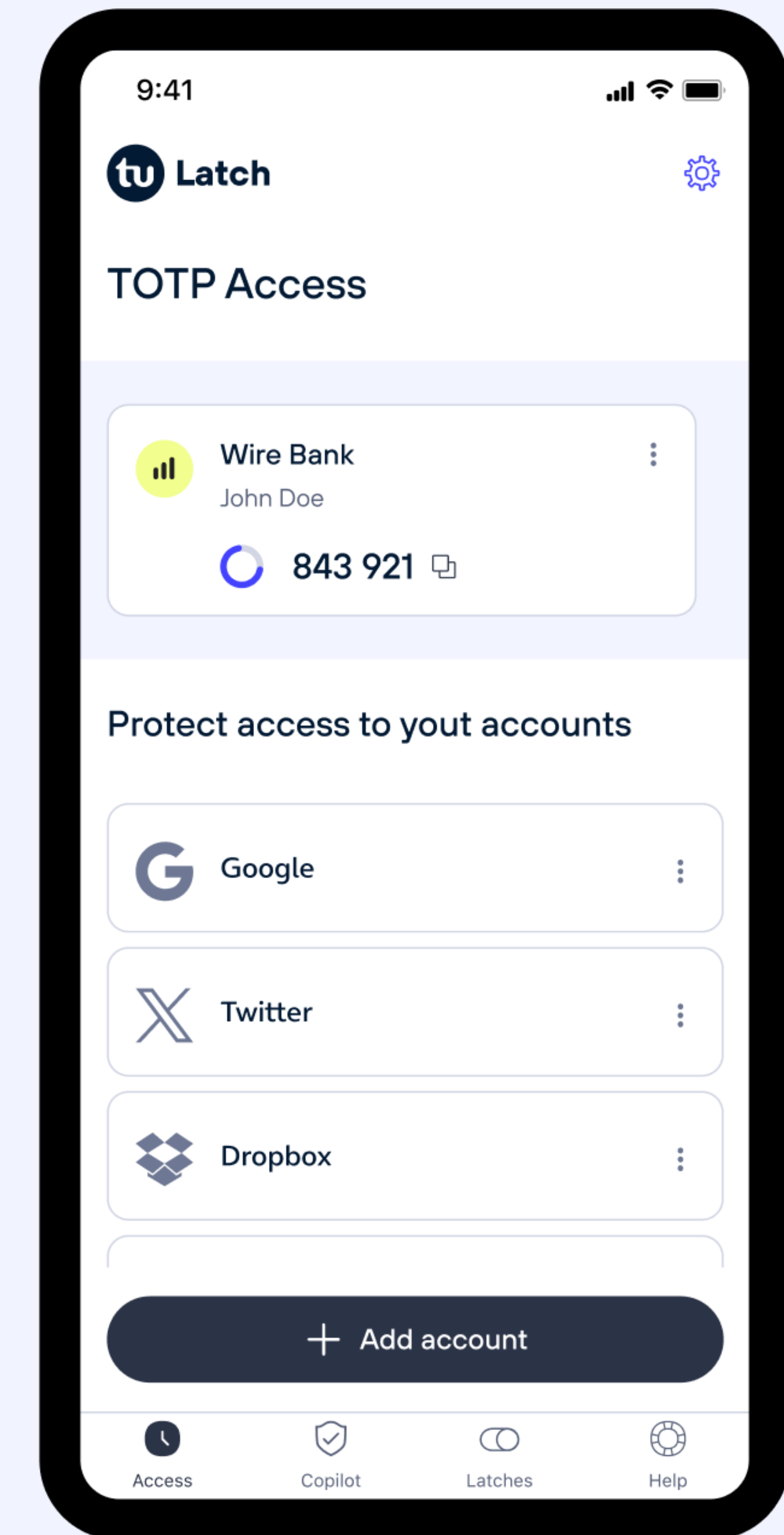
**Manual request for the TOTP code**, generating a viewing history.



**Greater privacy** by allowing users to delete the email account used in the service.



Full control with access to all **logs**, the ability to **configure alerts**, and **anomaly detection based on user behavior** to block potential fraud.





# Demo

ANOMALY DETECTION

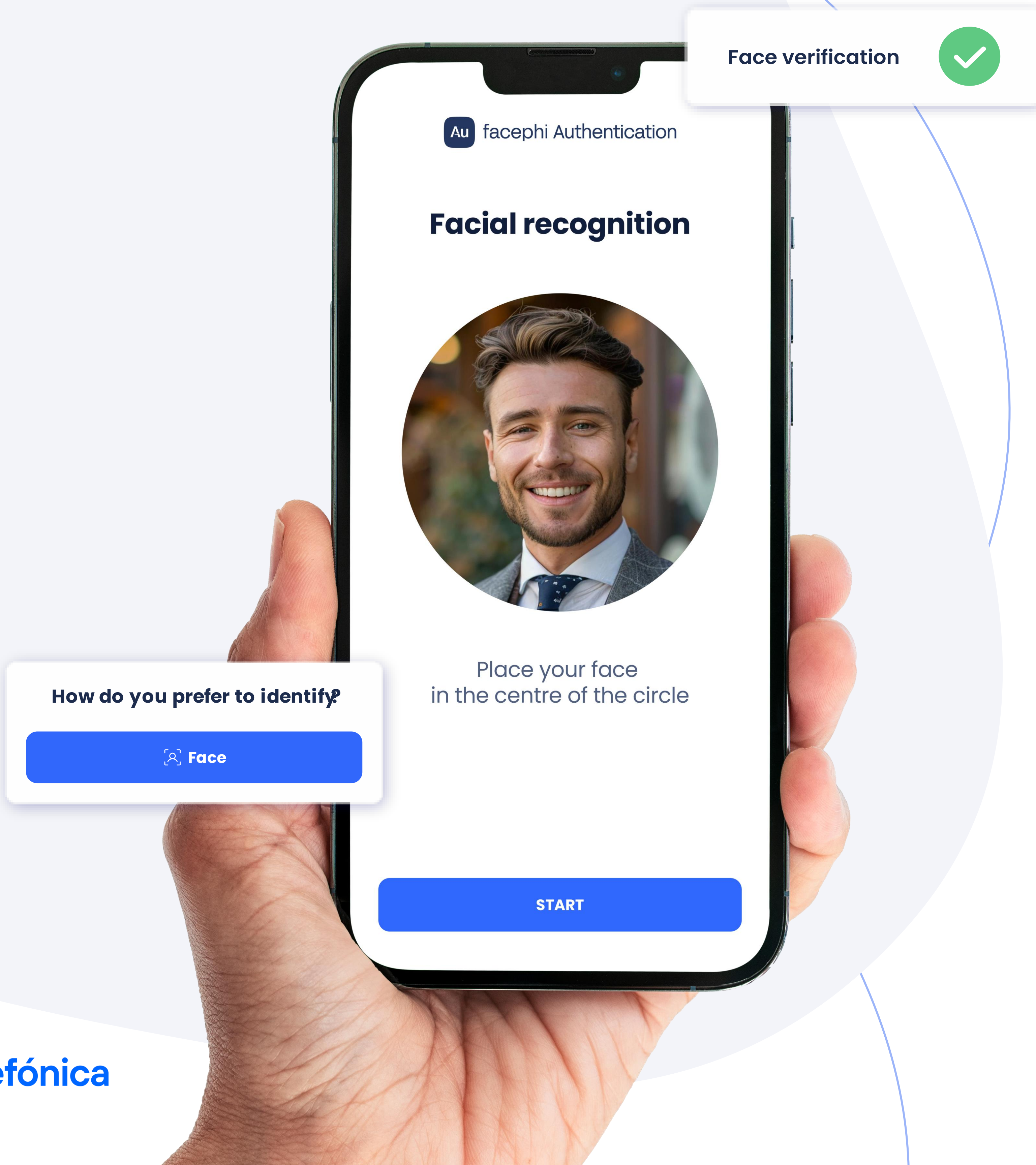




# Special guest







- ✓ **Secure**
- ✓ **Fast**
- ✓ **Seamless**

Full digital identity solutions driven by AI and ML based on multibiometric platform





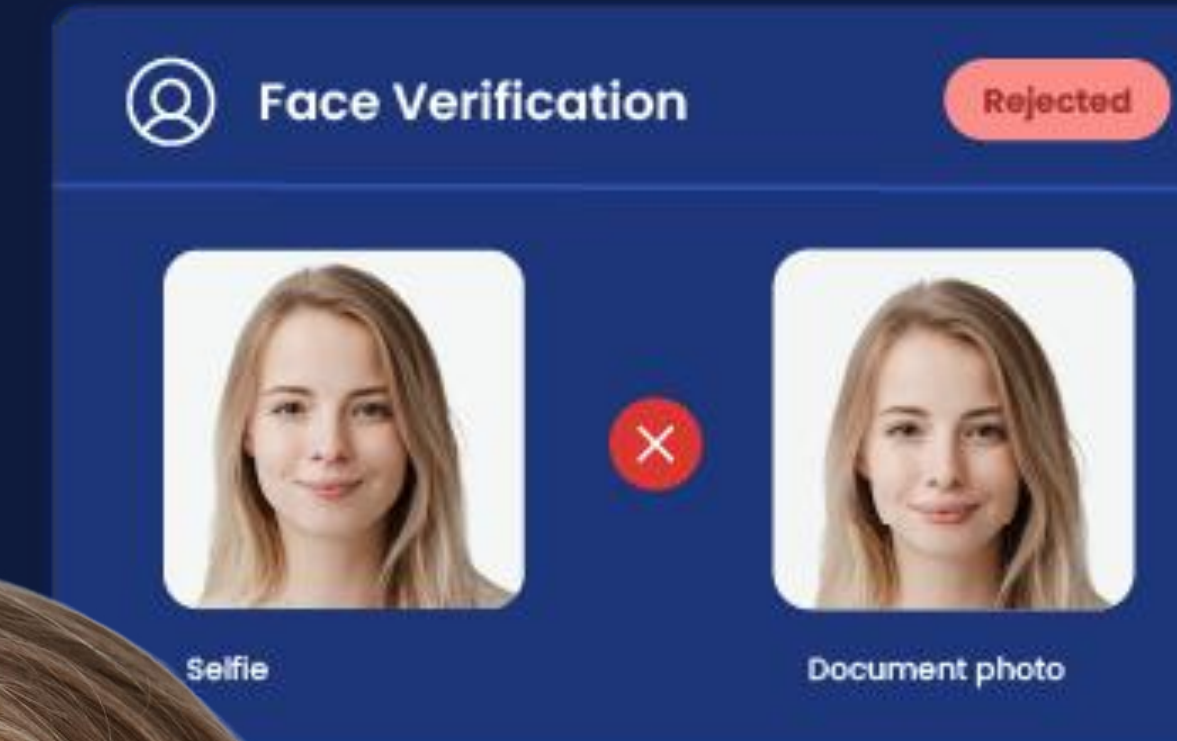
Latch

facephi

# Solutions for the biggest challenges in digital fraud

01

Protection against Account TakeOver (ATO)



02

Protection during new account openings (NAF)

03

Intelligence against cyber threats and scams

04

Defence against deepfakes and other synthetic identities

## Three advanced techniques to fight fraud

- ✓ Analysis of pre-fraud signals
- ✓ Account inspection
- ✓ Consortium management



# Two allies against fraud



Latch



facephi

An integrated security solution that  
combines the best of both worlds:

**robust identity verification** and a  
**second factor authorization** to ensure  
absolute control over critical operations.

A flexible and scalable solution,  
ideal for **any industry** and **company**





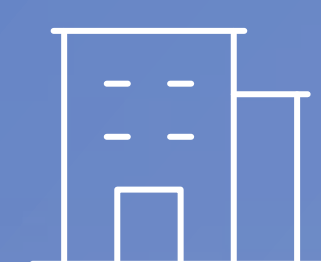
**Telcos**



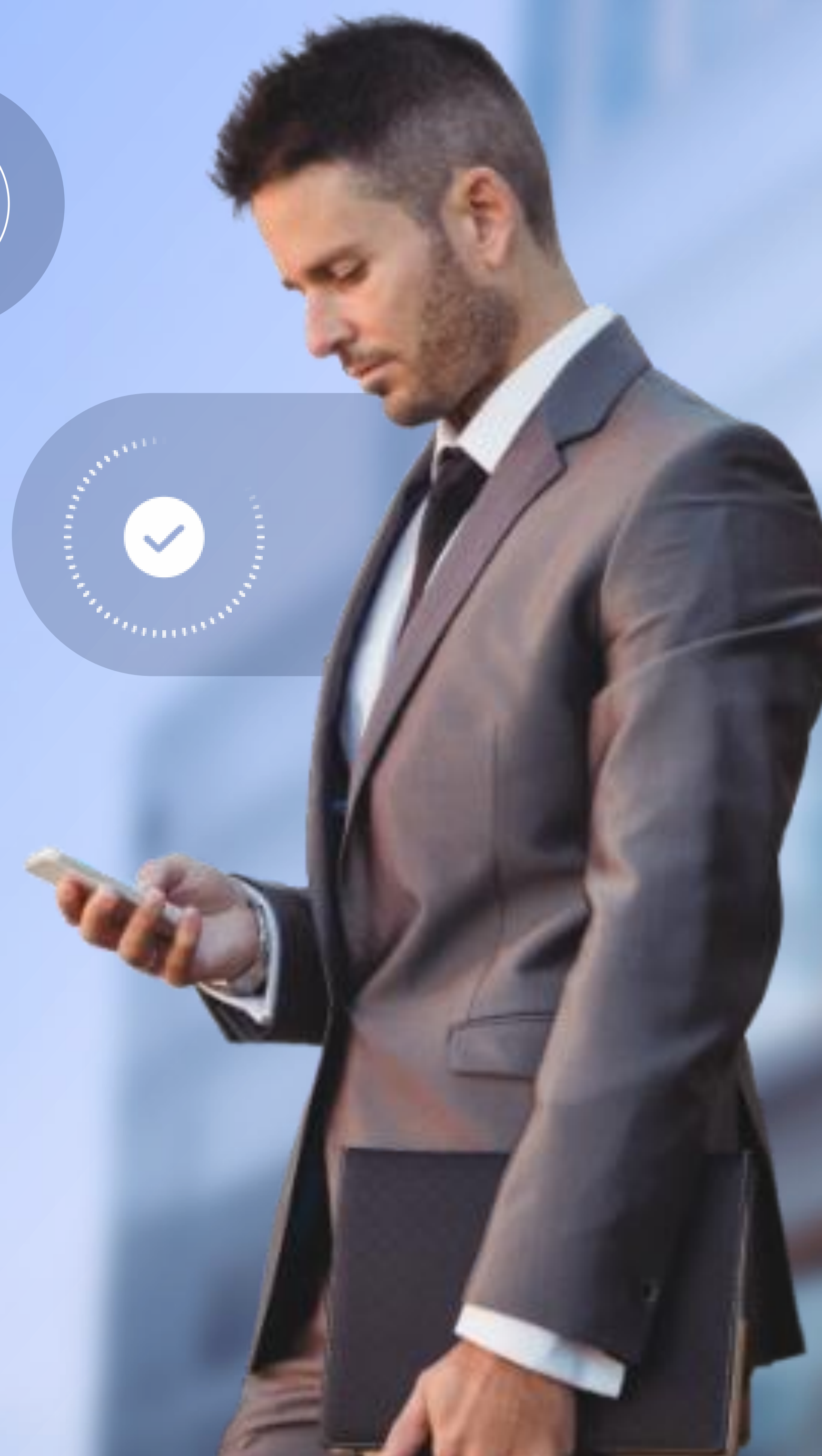
**Healthcare**



**Finance services**



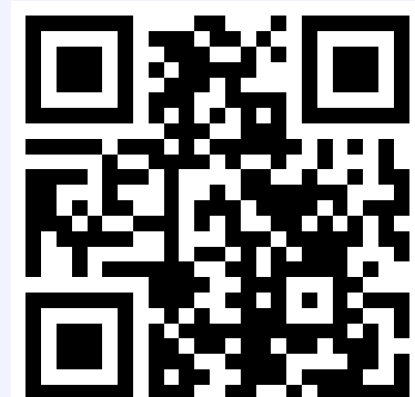
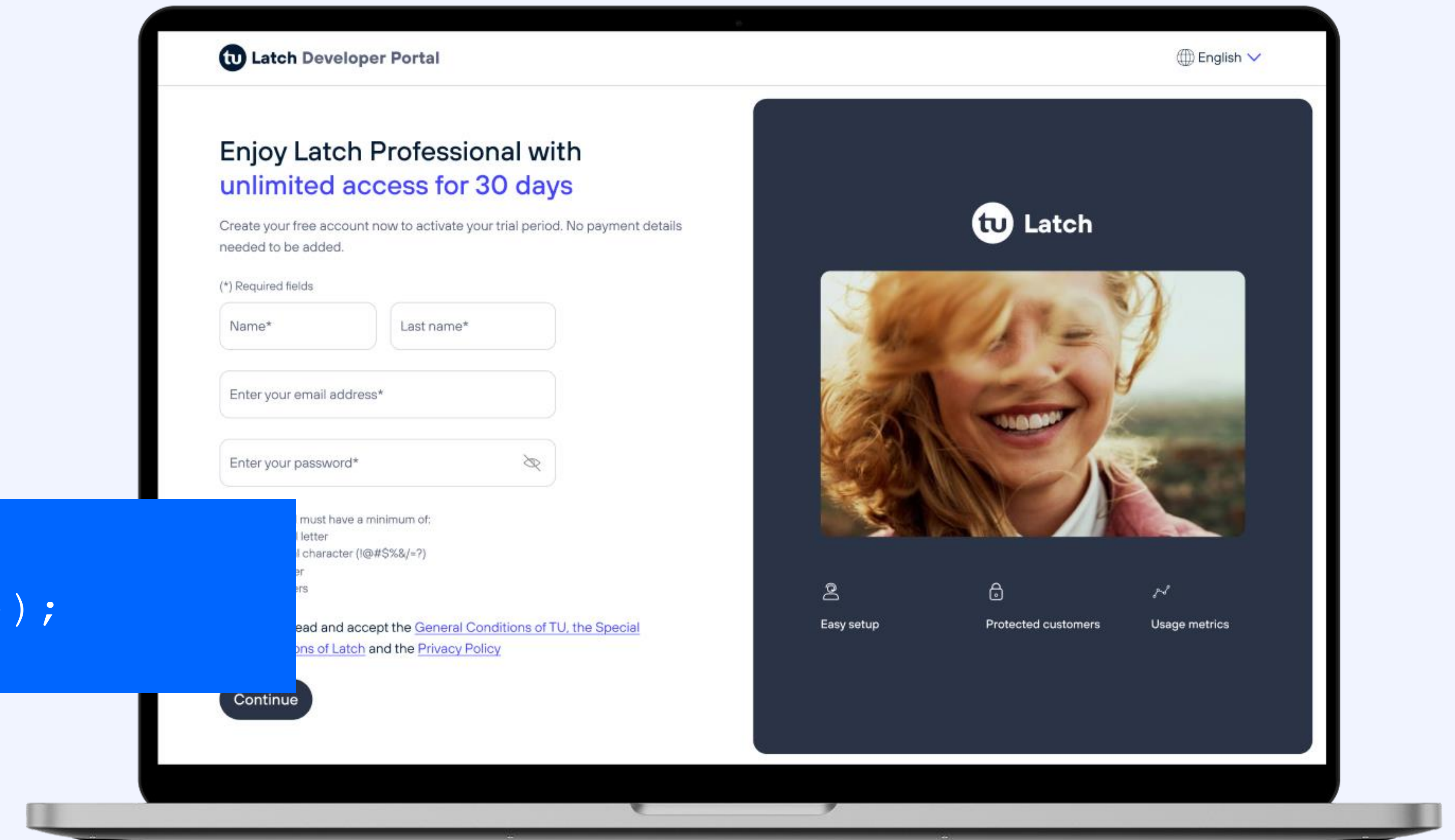
**Public administration**





*One single line of code,  
an extra layer of defense.*

```
StatusResponse r = LatchSDK.status({ACCOUNT_ID});
```



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MWC 2025

## Latch4Devs Event



March 26

7:30 PM - 9:30 PM

Cinema Room,  
Espacio Movistar Gran Vía  
Madrid





