



# TANGANY

## The Reliable White-Label Blockchain Custody

*PRODUCT OVERVIEW 2020*

# PRODUCT: WHITE-LABEL CUSTODY

One unified platform to securely store digital assets (tokens, coins) and to seamlessly integrate Blockchain into legacy and new systems.

## COSTS

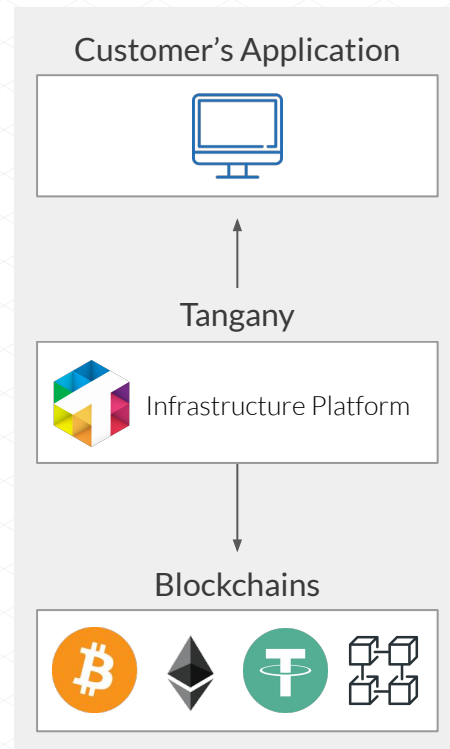
We reduce the implementation and maintaining costs through a smart API platform.

## USABILITY

We provide API-based wallets that are seamlessly integrable into any application.

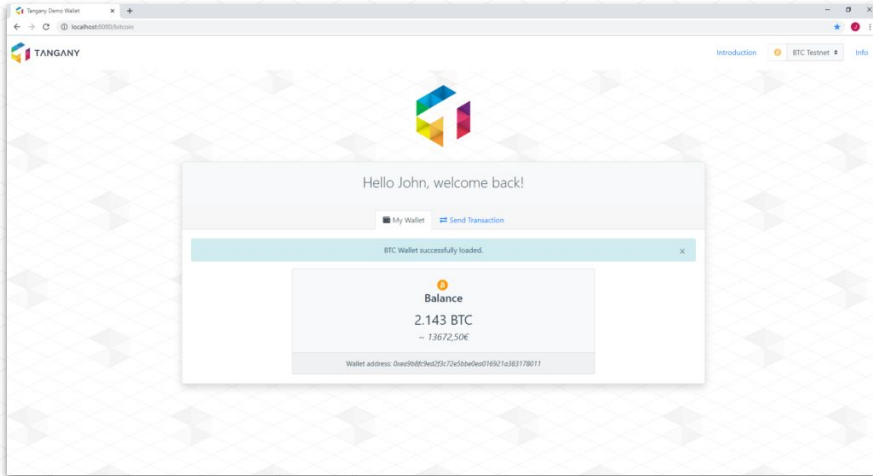
## SECURITY

All private keys are safely stored within our custody cloudHSM solution.



# CUSTODY BLOCKCHAIN INFRASTRUCTURE

Full white-label online wallet for your customers



Powerful interface (API) create your own solution

```
const api = new Waas();
const { hash } = await api.wallet("my-wallet")
  .eth()
  .send({ to: "0xff5ab5ea55d38879bd8d97bd521fc777039fed45", amount: "0.351" });
console.log(hash);
```

# TANGANY: WE SPEAK SIMPLICITY

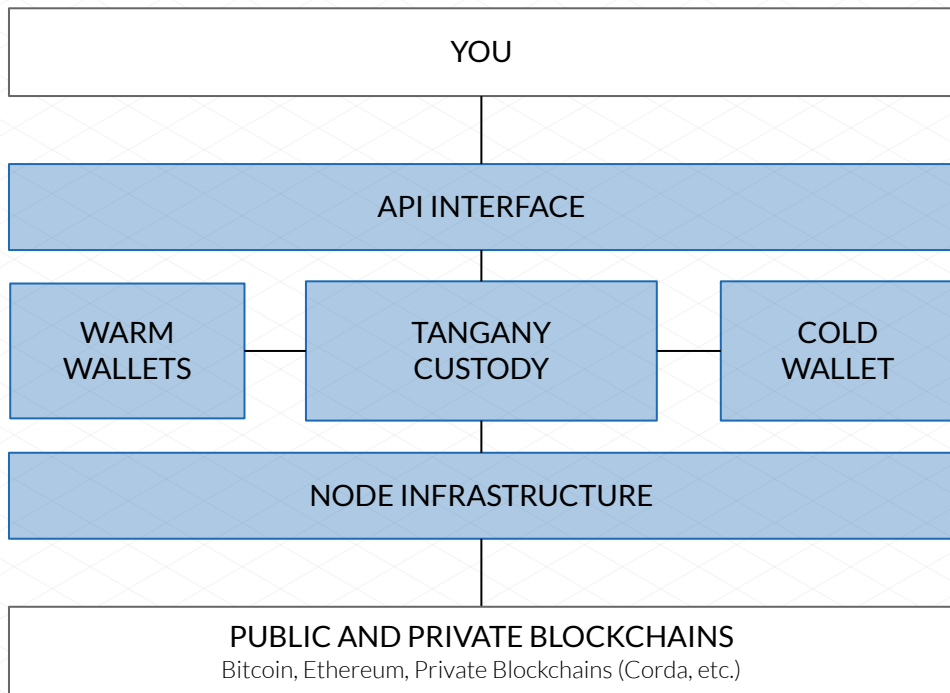
Tangany provides what companies and users want



That is how the market and competitors are addressing blockchain



# CUSTODY BLOCKCHAIN INFRASTRUCTURE



Ready-to-use for all use cases

Universal connector for all legacy & new systems

As many warm wallets as needed and one cold wallet

The blockchain complexity is fully handled by Tangany

Supports all (customized) smart contracts (e.g. ERC20)

Designed for security, usability and scalability

# BENEFITS: OUR UNIQUE SELLING POINTS

## HIGH-SECURE TECHNOLOGY

Tangany was founded by tech-experts which developed a unique high-secured HSM KeyVault solution

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## WE HANDLE THE COMPLEXITY

Our clients and their users don't need any knowledge to use Blockchain applications

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## WE PROVIDE AN LEGAL EU COMPLIANT SOLUTION

Tangany complies fully with EU GDPR and AML regulations

# SECURITY IS KEY: HSM KEY VAULT

- ✓ **Private Keys are stored in a Hardware Security Module (HSM)**  
Bank-level security, FIPS140-2
- ✓ **Private Keys never leave the HSM**  
The keys can never be extracted
- ✓ **Tangany has no access to the Private Key**  
All keys are encrypted within the HSM, only hashes are accessible
- ✓ **Your customers do not need to know what blockchain is**  
It's up to you how your customers interact with the blockchain
- ✓ **Leverage blockchain with multi-device applications**  
Tangany is a cloud service and can be used on every device



# USE CASES: B2B2C, B2B2B OR EVEN B2G



## FINANCE

Asset tokenizations (shares, real estates, debts, etc.)  
Cryptocurrency trading  
Stable-Coins (like Facebook Libra)

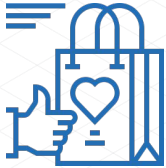
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## GOVERNMENT

Petition-systems (1 citizen = 1 token)  
CO<sub>2</sub> & other trading-systems  
Tamper-safe papers and testimonies

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## CONSUMER

Video-game internal payment systems  
Loyalty programs  
Gamification of applications

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## PRODUCTION

Supply-chain-tracking  
Timestamped-logging of critical actions  
Corporate-cross-border payments

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## CRYPTOCURRENCIES

Crypto exchange  
Crypto (mobile) wallets  
Issuing of tokens (ICO, STO, IEO, etc.)

Tangany is a universal infrastructure. It is not limited to a specific sector, target group or use case. Just like a web-browser is not limited to specific websites.



# REGULATORY COMPLIANCE

## German 'Custodian Service Provider' license by 5th AML directive

### Why should you care?

The 5th Anti Money Laundry regulation is in place in the European Union since January 2020. The specific license is limited and uniquely issued in Germany.

The regulation requires everyone who manages **Private Keys for third parties** (e.g. users) to hold **crypto assets** (e.g. coins or tokens) to apply for the license.

The bill doesn't differentiate between **local** and **foreign services providers**.

### How can Tangany help?

We are already in **preparation to apply** for the upcoming license. As of now, Tangany has a temporary license (it's limited to providers which have been active in 2019) until the permanent one is acquired.

Our clients do not need to apply for the license themselves. However, in case a client wants or has to, we plan to **sub-license** our license.

We also prepare needed **tools to comply** with the Anti Money Laundry regulation like transaction monitoring and scoring in terms of risk.

NOTE: THIS IS NOT LEGAL ADVICE. SUBJECT TO CHANGE.



# ABOUT US



ANGANY



# TANGANY



**Reliable since 2018**  
(technical & regulatory)



**Munich, Germany**  
(inhouse development)



**14 Employees**  
(40% software engineers)



**Regulated under AMLD 5**  
(Crypto Custody License)



**> 19,000 Wallets**  
(under custody)



**>20 Clients**  
(from all industries)

# MANAGEMENT: COMMITTED IT EXPERTS



**MARTIN KREITMAIER**

CEO



**CHRISTOPHER ZAPF**

CPO



**ALEXEY UTIN**

CTO



Before Tangany, the founder team was instrumental in building a data-driven performance agency, which was sold in 2017 to Syzygy AG.

# TANGANY: PURPOSE, CULTURE AND VALUES

WE SHAPE THE INDUSTRY BY PROVIDING  
**THE RELIABLE CUSTODY BLOCKCHAIN INFRASTRUCTURE**  
FOR PRODUCTS AND DIGITAL ASSETS.



## ACCESSIBLE

We develop products which are easily usable and secure.



## PARTNERSHIP

We work collaboratively as a team and in partnership with our clients.



## SOPHISTICATED

We deliver top-notch support and leading products.

# CLIENTS: EXTRACT OF DISCLOSED CLIENTS



Asset Tokenisation | Germany



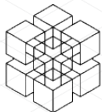
Asset Management | Germany



Real Estate | Austria



Entertainment | Germany



**MAINSTON**  
THE VERIFIED TRUST COMPANY

E-Commerce | Macedonia



Mobile Apps | Germany



**MONDO**

E-Commerce | Germany



BUY LOW, SELL HIGH

Finance | Slovenia



Finance | Switzerland

**StackInSat SAS**

Finance | France



Real Estate | France



IoT | Germany

# SHOWCASE: BITSPIDER

Sector: Finance | Location: Slovenia  
KPI: more than 100 used ERC20 tokens

The screenshot shows the BitSpider sign-up page. At the top left is the BitSpider logo with the tagline "BUY LOW, SELL HIGH". Below the logo, it says "New here?" and "Signing up is easy. It only takes a few steps". There are three input fields: "Email", "Password", and "Repeat password". A red error message "This field is required." is visible under the email field. Below the input fields is a checkbox for "I agree to all Terms of Service". At the bottom, there is a blue "SIGN UP" button and a link for "Already have an account? Login".

New user get automatically a wallet assigned which is stored in the client's KeyVault at Tangany.

The screenshot shows the BitSpider wallet interface. At the top, there are navigation links for "Wallet", "Trade", "Market Overview", and "Merchant". The main content area is divided into two sections. On the left, there is a table of assets:

Currency	Balance	Select
BTC	—	N/A
ETH	0.004	Selected
SNC	0.0	Select
GNO	0.0	Select
GNT	0.0	Select
BNB	0.0	Select
VEN	0.0	Select
BAT	0.0	Select

On the right, there is a "Withdraw" section. It has a "Send to ETH address" field with the value "0x1342b4ab4843c6d...". Below that is an "Amount" field with the value "0.001". At the bottom of the withdraw section is a blue "Withdraw ETH" button.

All user's assets are safely stored in the client's HSM KeyVault.

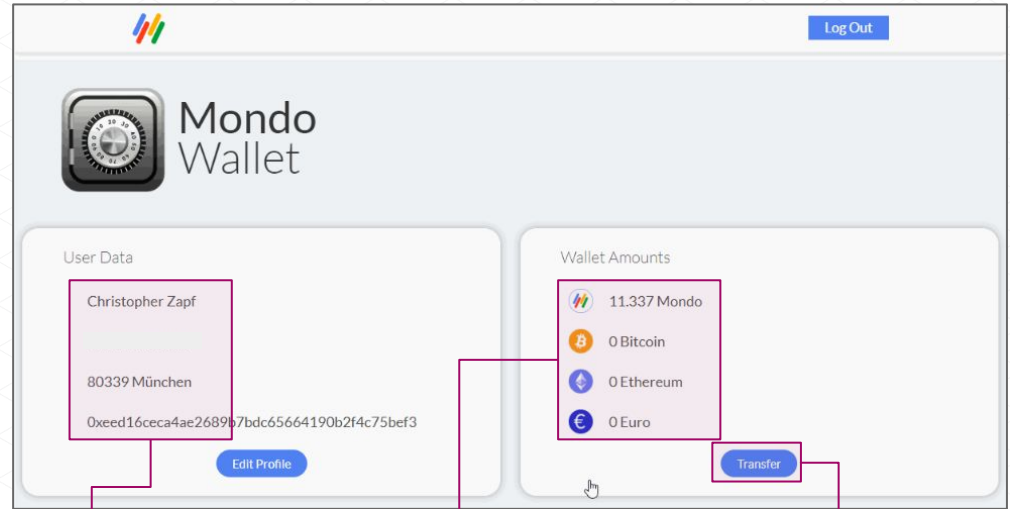
User can easily send their assets by entering the recipient address.

# SHOWCASE: MONDO

Sector: E-Commerce | Location: Germany  
KPI: more than 4,000 users



User can signup and login just like on Facebook & Co. If he forgets his account password, it is easily recoverable.



An unique wallet is automatically assigned to every new users.

Display of crypto balances (in real-time).

It's up to the client whether the user is able to send his assets (to other users or even external recipients).



# TESTIMONIALS: WE GENERATE SUCCESS

## iVE.ONE

We are building an issuance and investment eco-system for digital assets. And with our partner Tangany, we will enhance this system with their blockchain custody solution.



**Phong Dao**  
CEO at Agora Innovation GmbH



Tangany is the blockchain gateway to an Ethereum private network that enables participants to easily interact with the blockchain. With Tangany, the blockchain moved into the background layer.



**Martin Maurer**  
Project Manager at Next Big Thing AG



Tangany's custody solution allows us to offer digital assets to investors not yet accustomed to the blockchain, by removing the pain points associated with digital asset custody.



**Marcel Dohmen**  
CEO at Prometheus Invest GmbH

# PARTNER: INVESTORS AND ASSOCIATIONS

## INVESTORS & PARTNERS

Strategic partnerships with leaders from different sectors



## NETWORK

Tangany is a trusted partner & member of well-known parties



Our CEO Martin is the official comptroller at Bundseblock.



## TECH EXPERTS

Tangany advises politicians and is requested as expert



# YOUR PRODUCT-FIT-CHECKLIST



Design

100% White-Label



Scalability

Fully Scalable & Unlimited Wallets



Custody

Cryptos & Digital Assets



Compatibility

Integration for all Systems



Security

HSM & Regular IT Security Audits



Regulation

AML Crypto Custody License



Expertise

Solely Focused on Custody



Quality

100% Made in Germany

# TANGANY

#reliable #custody #white-label

## YOUR RELIABLE WHITE-LABEL CUSTODIAN FOR DIGITAL ASSETS AND APPLICATIONS



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