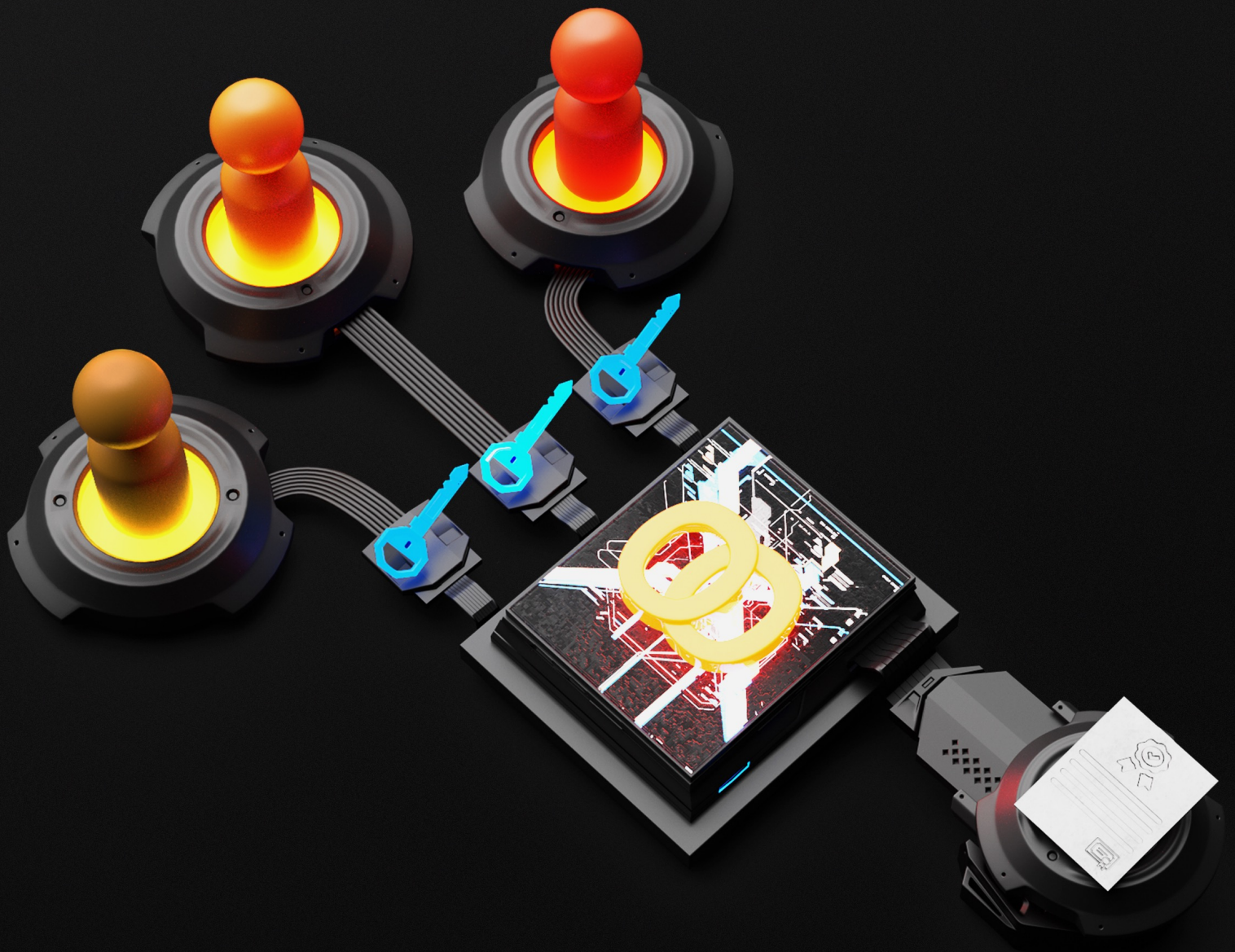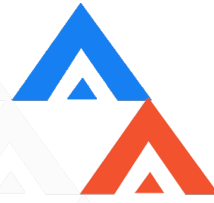# ROOBA Vault

SECURE
SCALABLE
SELF-CUSTODY
INFRASTRUCTURE

Rooba has deployed a multi-sig based wallet infrastructure to enable self-custody of the gold tokens for investors and institutions.

Rooba's multi-sig algorithms allow investors to create a fund with multiple approvers to ensure the wallet access is never compromised.
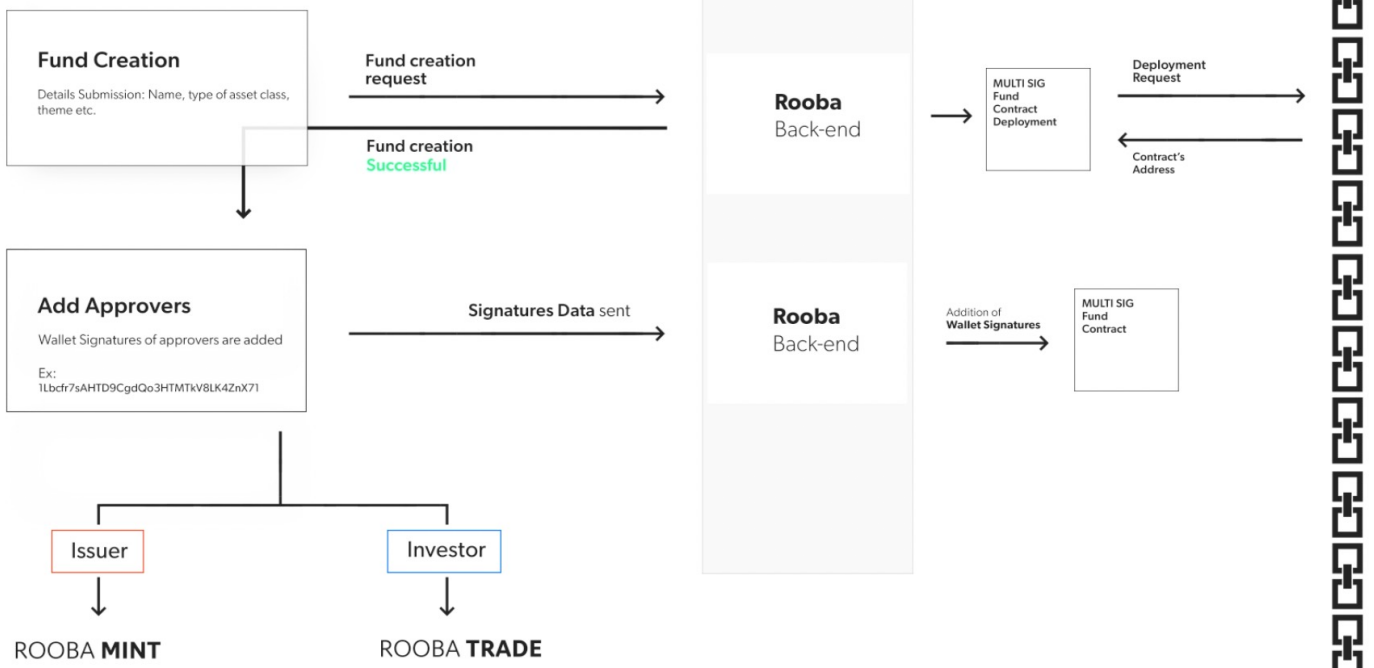
Salient features of Rooba Vault are –

⋀ Solves single private key vulnerability

⋀ The quorum-based approval process for institutions

⋀ Role-based access control

⋀ Inbuilt depository address management

Rooba **Vault**

Fund Creation

Details Submission: Name, type of asset class, theme etc.

Fund creation request

Fund creation **Successful**

Rooba Back-end

MULTI SIG Fund Contract Deployment

Deployment Request

Contract's Address

Add Approvers

Wallet Signatures of approvers are added

Ex:
1Lbcfr7sAHTD9CgdQo3HTMTkV8LK4ZnX71

Signatures Data sent

Rooba Back-end

Addition of **Wallet Signatures**

MULTI SIG Fund Contract

Issuer

Investor

ROOBA **MINT**

ROOBA **TRADE**

- -

Transfer Approval Messages

Trustee #1

Trustee's Transfer Approval Message

Trustee Signature from **Trustee #1** ✓

signed ✓

Trustee #2

Trustee's Transfer Approval Message

Trustee Signature from **Trustee #2** ✓

signed ✓

Trustee #3

Trustee's Transfer Approval Message

Trustee Signature from **Trustee #3** ✓

un-signed ✗

● ● ●

2 of 3

Trustee Group reaches Threshold

Multi Signature Wallet

unlocked

Transaction

polygon Blockchain