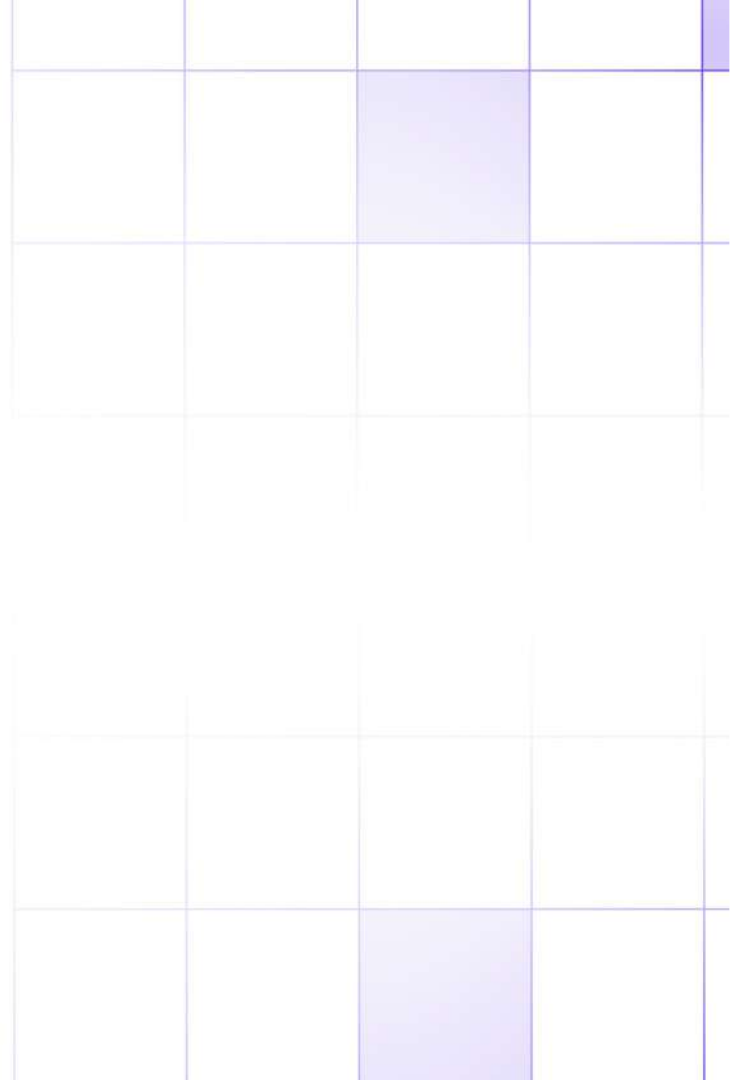




Democratizing privacy preserving  
computation & authorization





# Our Product Offerings

## Silent Compute

Privacy preserving computations over distributed & encrypted data

## Silent Shard

Holistic Multi-Party Computation (MPC) suite for digital asset management

Featured in:

Forbes

 TechCrunch

BENZINGA

 COINTELEGRAPH

 yahoo!  
news

Entrepreneur

Inc42

 TECHINASIA

YOURSTORY

# Challenges across the data collaboration journey



## Siloed data

Lack of trust between enterprises

Loss of competitive edge in sharing data

Privacy regulations prohibit sharing PII



## No control on consent terms

No traceability or auditability on data usage

Consented sharing doesn't assure protection from breaches or misuse



## Single point of failure

No guarantees of deletion or compliance with purpose/data minimization

Exposure of sensitive data to processing party

Involvement of 3rd parties increases attack surface



## Data misused or underutilized

Unable to harness full potential of data; gaps in data

Risk of cross-selling services & unwanted spam

# Silent Compute delivers at the intersection of **privacy, secure collaboration & customer empowerment**

## Privacy

Zero data exposure  
Compliance to privacy laws



## Secure Collaboration

Data monetisation  
Superior insights  
Tapping siloed/alternate data



## Customer empowerment

Control/Flexibility  
Auditability  
Transparency  
Personalised services



S;L

Our **cryptographic tools** ensure data never exist at a single place as a whole

Privacy Enhancing Technologies (PETs)

**MPC** Multi-Party  
Computation

Allows parties to collaborate & compute on their private data without disclosing underlying info

**FHE** Fully Homomorphic  
Encryption

Enables computation on encrypted data, without having to decrypt it

**ZKP** Zero Knowledge  
Proofs

A method to verify the validity of a statement without disclosing the statement itself

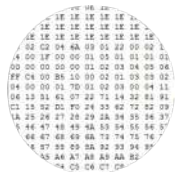
# Silence Laboratories team has rich expertise in academia, industry and business



**Dr. Jay Prakash**  
CEO



Expert in MFA research & decentralized authentication



**Dr. Andrei Bytes**  
CTO



World's #1 team in 2016 by the CTFtime Google Hall of Fame



**Dr. Tony Quek**  
CSO



Globally top 5 in wireless communication & edge computing



**Dr. Yashvanth K**  
VP Cryptography



Author of popular DKLs series of MPC papers, Cryptographers



**Anubhav Nayyar**  
Business Advisor



Ex Director at Snapchat, Managing Director at Rakuten Viber



**Vlad Khomenko**  
Engineering Lead



Expert in applied cryptography and security engineering

# Silent Shard: Our MPC suite for digital asset management

# 50B+

Assets under custody of partners using Silent Shard

# 1M+

Accounts with access to Silent Shard secure MPC technology

# 50+

Countries where users have access to accounts using Silent Shard

Trusted by biggest names in the market



METAMASK



tanX

FRONTIER



EASycRYPTO



Biconomy



BitGo



Liminal

BEQUEST

# of employees

**25**

Total countries  
of operation

**14**

Headquarters



Singapore

Patents

**3**

R&D centres

**1**