IDENTITY FOR A MOBILE WORLD.

simple to use, secure, federated identity that gives full privacy control to users

Our Vision

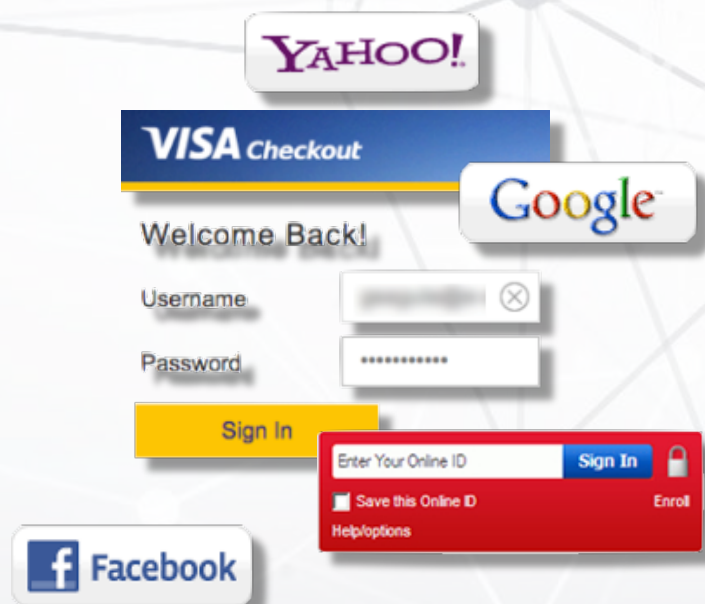People will expect access to what matters to them by simply proving who they are
...
They expect it to be *fast & simple*;
And they expect it to work in both the digital and physical world

ShoCard **in conjunction with** Mobile Connect **can deliver a single digital identity that enables this** ... securely **and with** user-privacy

The Problem

Too many IDs
Easy to fake; hard to use

Last 4-digits of SSN

Mother's maiden name

Make of your 1st car

Your favorite color

No interoperability with real people

Signatures are faked & weak

ShoCard, Inc. Proprietary and Confidential (2017)
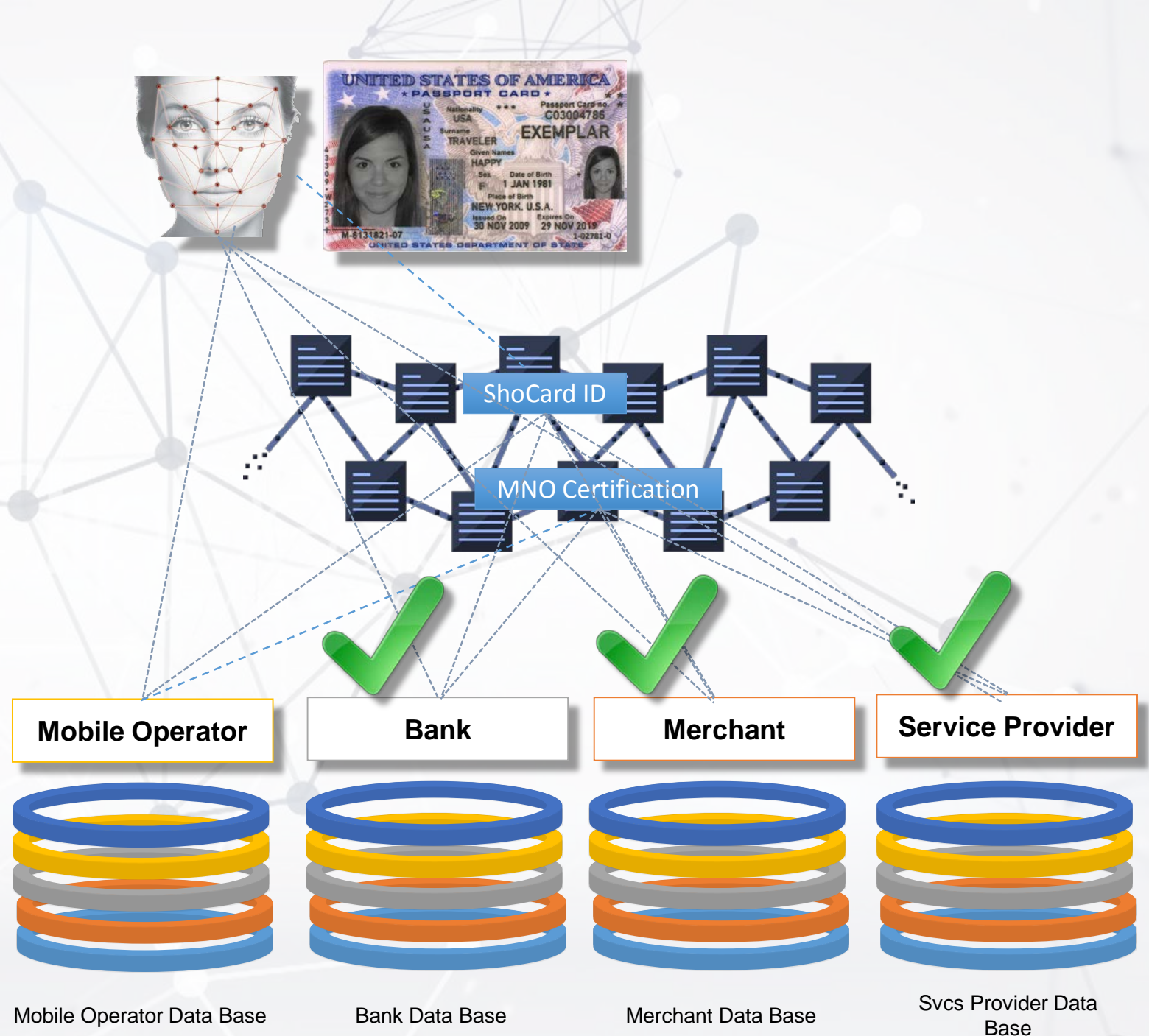
PIN ie 1234 (what you remember)

Our Solution

Mobile Identity on the Blockchain

Why Blockchain?

Blockchain can allow a user's ID and certifications to be shared with other parties

- Other parties won't be dependent on each other's services or databases

- User privacy can be protected – user is in charge of what data to share and with whom

ShoCard ID

MNO Certification

Mobile Operator

Bank

Merchant

Service Provider

Mobile Operator Data Base

Bank Data Base

Merchant Data Base

Svcs Provider Data Base

Bank

User CreditScore=695

Certification

Certify CreditScore=695

ID Info shared with bank
User seal is certified
Bank adds new certifications

User claims Bank CreditScore of 695

Seal

Mortgage
Lender

*Adding User Credentials
to a User's Identification*

Data is sealed
on the blockchain

GSMA Certification

Blockchain

ShoCard Technology

- Simple user interface to read and scan driver's license information

- Private information NEVER stored outside of user's mobile device

- Uses BlockChain to store digital signature of hashes to validate user data

- No 3rd party trust system - BlockChain is open database and user PII is kept on their own device. ShoCard maintains no trusted data on users in its own data stores or the blockchain.

- Use of true multi-factor and out-of-band communication using multiple private/public keys and biometrics
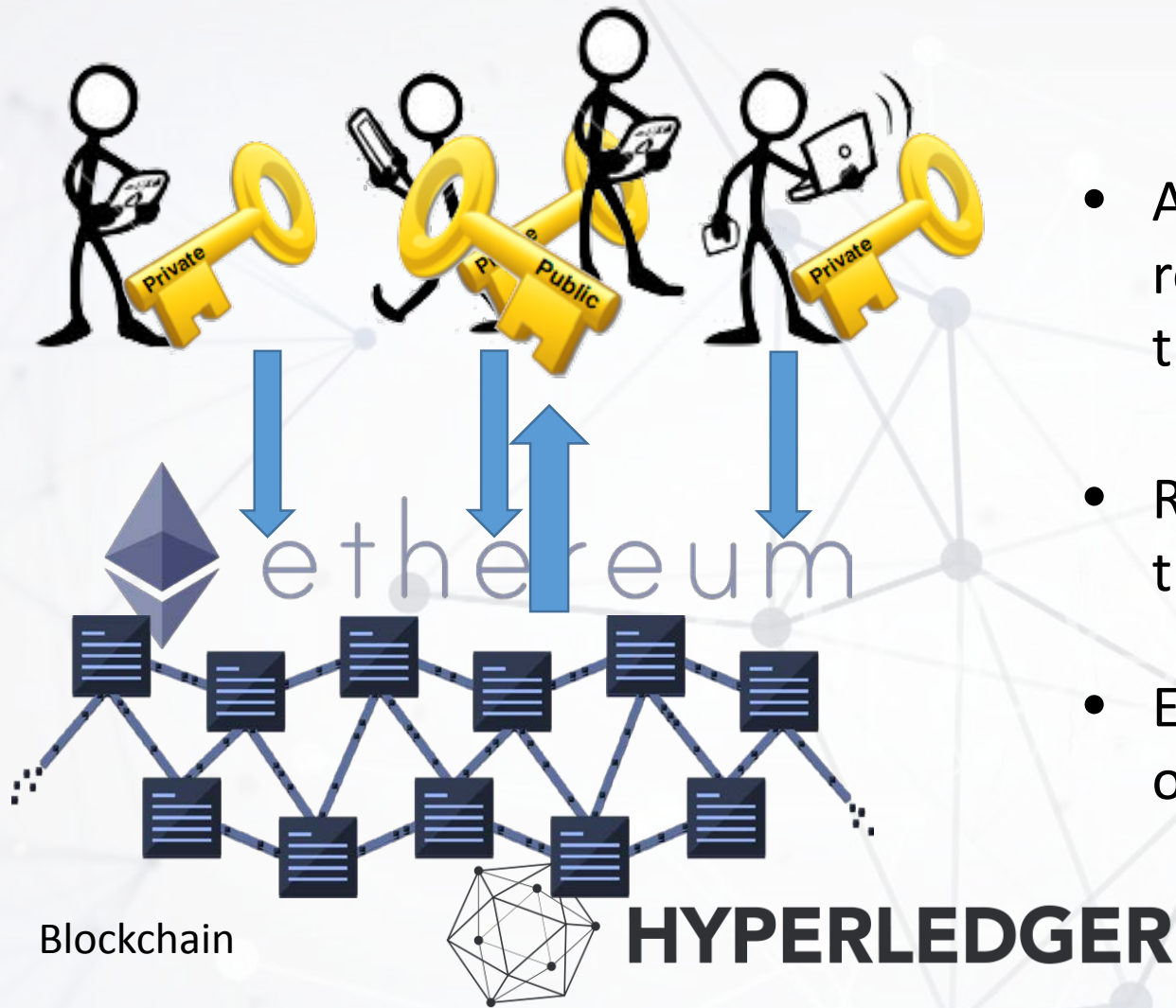
- A blockchain is permanent ledger where records are written to, and once confirmed, they cannot be deleted or modified.

- Records can only be written by the owner of the record using their private key.

- Everyone can view the record using the owner's public key

Blockchain Technology

Blockchain can be replicated & distributed on 1000s of servers
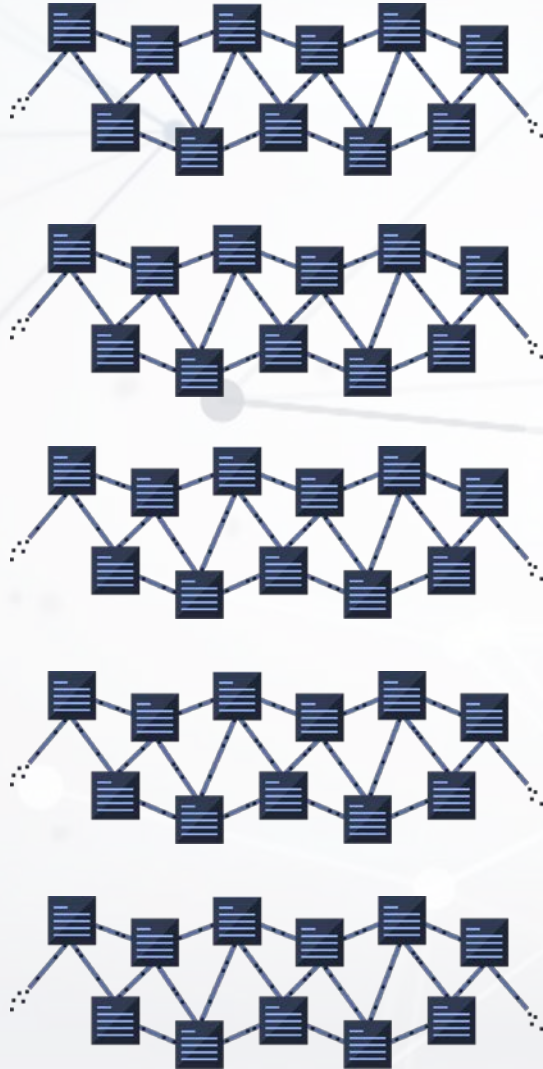
- If data is stored on the record, it can be protected with further signatures, encryption and hashing to avoid spoofing, but still prove ownership.

- The hashing algorithm used to connect the blocks of data together, creating the chain, are virtually impossible to break.

Blockchain Implementations/Pilots

Our clients are enterprises that serve their end users in following categories:

- **Air Travel Identity Management** – Patterning with SITA and two other airlines

- **Banking / Finance** - Working with a major credit card network and a multi-national service provider for credit information and risk management solutions

- **Automotive** – Working with top tier OEM

- **IoT / Mobility** - Digital security and physical access management

Identity For A Mobile World

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