EVEREST

Q2 2019

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  - Users and Entities: ID verification with KYC, AML, CFT, PEP, Sanctions
  - on-boarding tool
  - enhanced due diligence

- **Transaction Tracking Platform**
  - automated reporting
  - flag activities
  - track money

KYC/AML/CFT Utility

Moving money in emerging markets is difficult.
Money transfer operators, banks, govts, NGOs, payment providers,
companies & users require……

(a) biometric identity, (b) KYC/AML, (c) account/wallet no phone required,
(d) connections to existing banking system, (e) compliance
And it must be low cost.

We built that

Partners

- **Applications:**
  - eKYC/AML/CFT, compliance
  - eBanking with on-boarding
  - Remittances
  - Cash Transfer & payments
  - Micro-finance
  - Insurance

- **Regulatory:** Everest is an EU-regulated FI, complying with major regulatory bodies
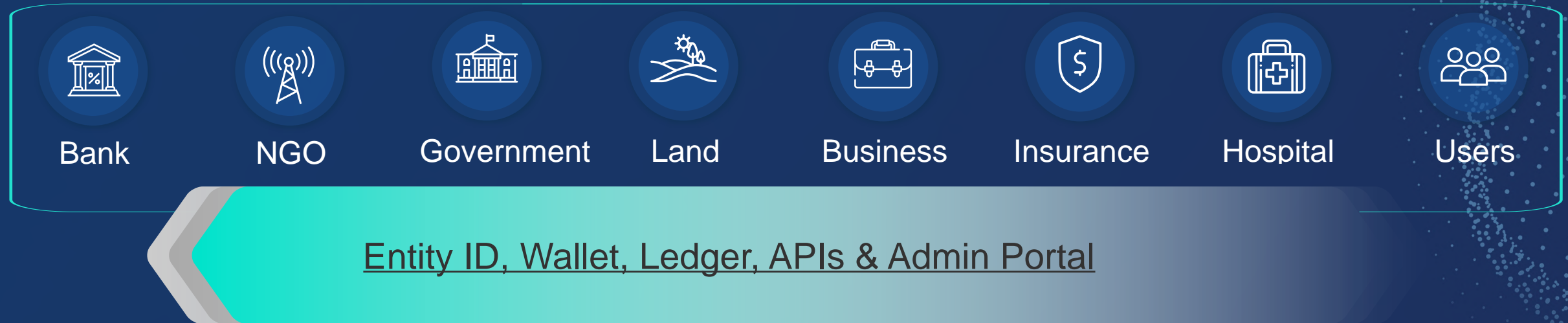

Identity verification & secure transactions to access regulated services

Full Platform

Full Value Transfer Platform

EVEREST

| Bank | NGO | Government | Land | Business | Insurance | Hospital | Users |

Entity ID, Wallet, Ledger, APIs & Admin Portal

CRDT: representation of value or ID claim

Users

EverChain: Ledger
Process billions of cryptographically signed transactions
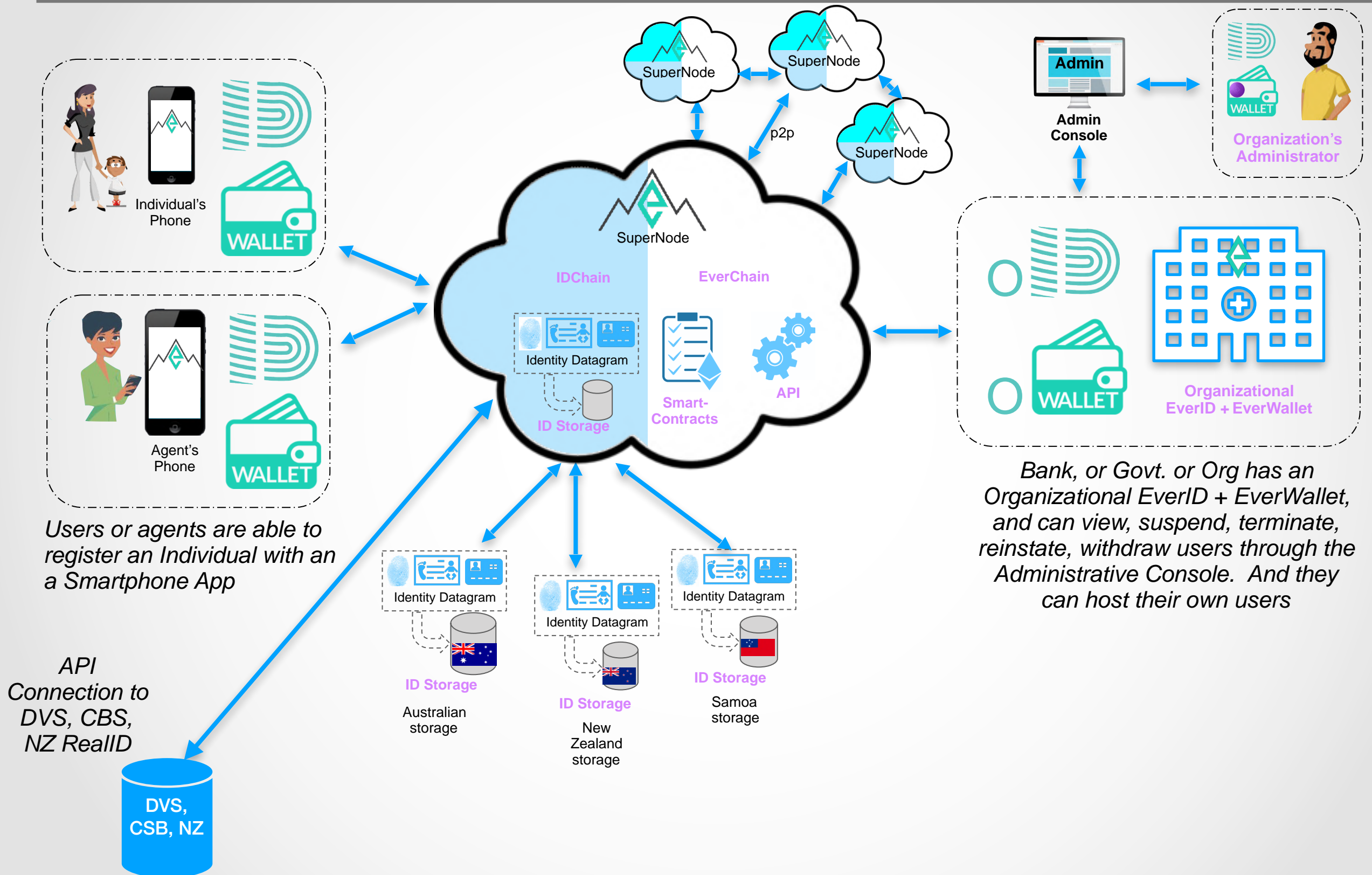
EVER CHAIN

EverWallet: Virtual account accessible on-device & cloud
Store, send, share e-money and documents

EVER WALLET

EverID: Govt. + biometric + 3rd party claims
with KYC/AML for users and businesses w/ doc storage

EVER ID

Architecture

SuperNode

SuperNode

SuperNode

p2p

SuperNode

IDChain

EverChain

Identity Datagram

ID Storage

Smart-Contracts

API

Admin

Admin Console

Organization's Administrator

WALLET

Organizational EverID + EverWallet

Individual's Phone

WALLET

Agent's Phone

WALLET

Users or agents are able to register an Individual with an a Smartphone App

Bank, or Govt. or Org has an Organizational EverID + EverWallet, and can view, suspend, terminate, reinstate, withdraw users through the Administrative Console. And they can host their own users

API Connection to DVS, CBS, NZ RealID

Identity Datagram

ID Storage

Australian storage

Identity Datagram

ID Storage

New Zealand storage

Identity Datagram

ID Storage

Samoa storage

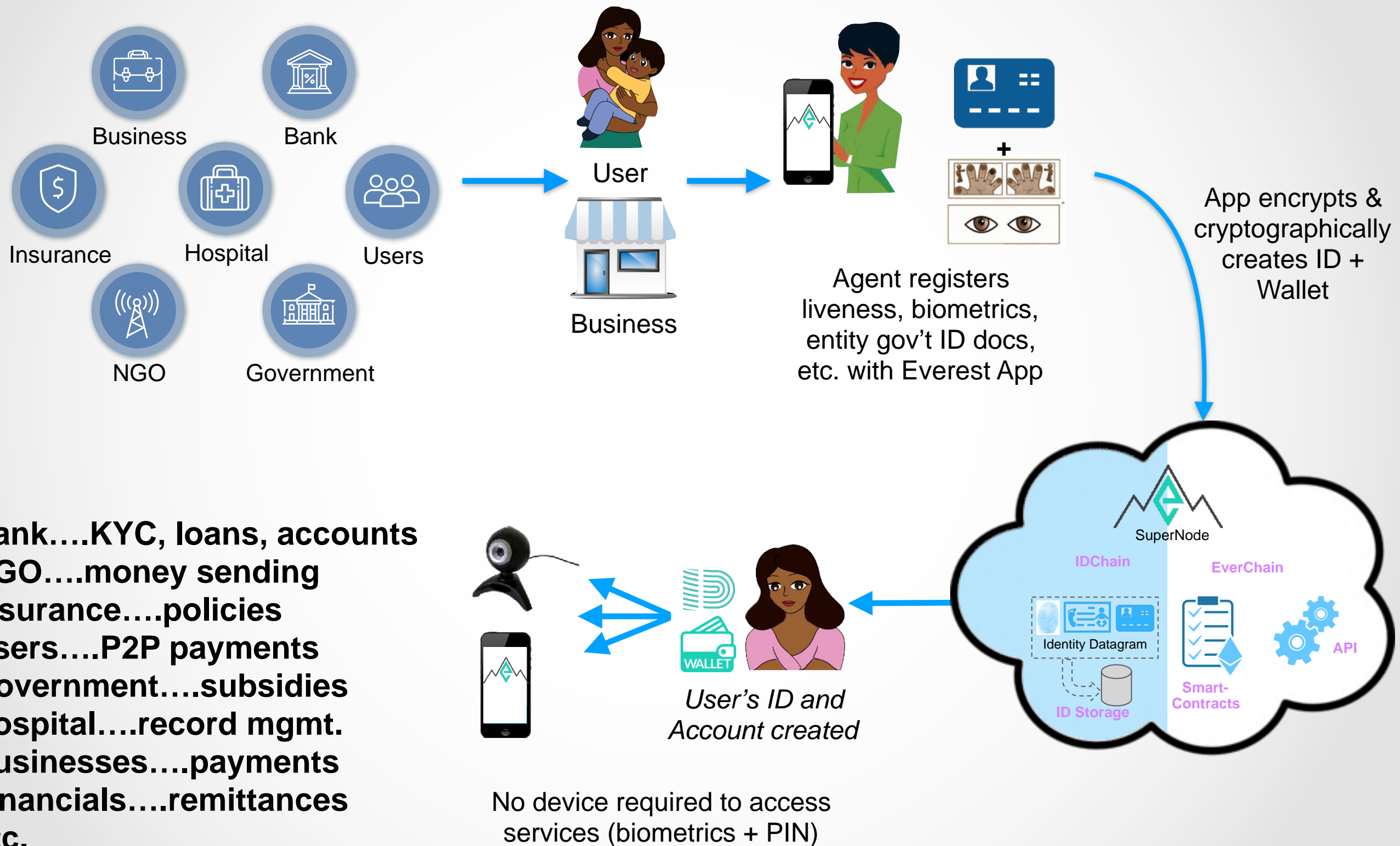DVS, CSB, NZ

Customer Due Diligence

- **Customer Due Diligence**
  - Users and Entities: ID verification with KYC, AML, CFT, PEP, Sanctions
 - on-boarding tool
  - enhanced due diligence

On-boarding Verified Users & Entities

Business
Bank

Insurance
Hospital
Users

NGO
Government

User

Business

Agent registers liveness, biometrics, entity gov't ID docs, etc. with Everest App

App encrypts & cryptographically creates ID + Wallet

SuperNode

IDChain
EverChain

Identity Datagram

Smart-Contracts
API

ID Storage

- **Bank….KYC, loans, accounts**
- **NGO….money sending**
- **Insurance….policies**
- **Users….P2P payments**
- **Government….subsidies**
- **Hospital….record mgmt.**
- **Businesses….payments**
- **Financials….remittances**
- **Etc.**

WALLET

User's ID and Account created

No device required to access services (biometrics + PIN)

Remote or self enroll with ID verification; Reach 100% of pop, no device required for user

# Encoded and encrypted flow
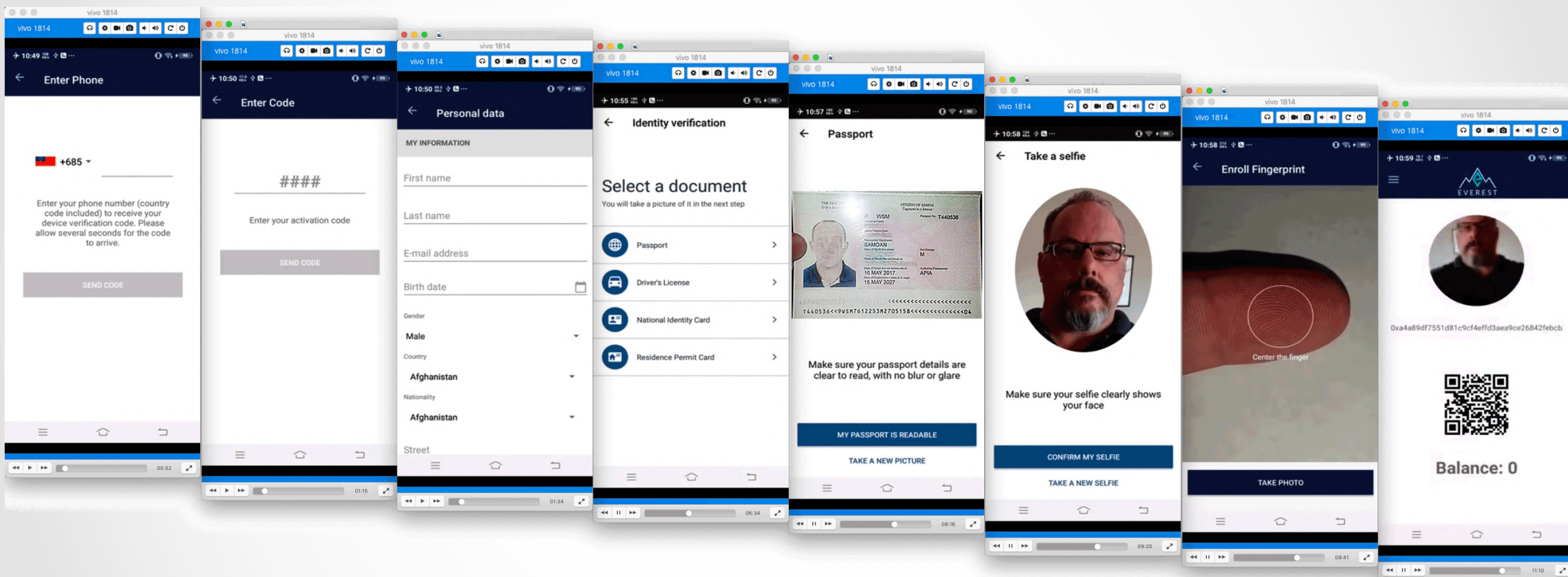
Secure flow of data = confidence by regulators and counter-parties

Selective Identity Data Sharing

- ## User can share *ANY* slice of their Identity Datagram:
  - User name
  - Address
  - Place of birth
  - Date of birth
  - Gender
  - Phone Number
  - Photograph of ID card
  - ID card verification (source, date)
  - Sender selfie with ID Card
  - Other docs scanned-in (i.e. medical record, land title, birth certificate, diploma)
  - Wallet address, amount, transaction history
  - Other identity data:
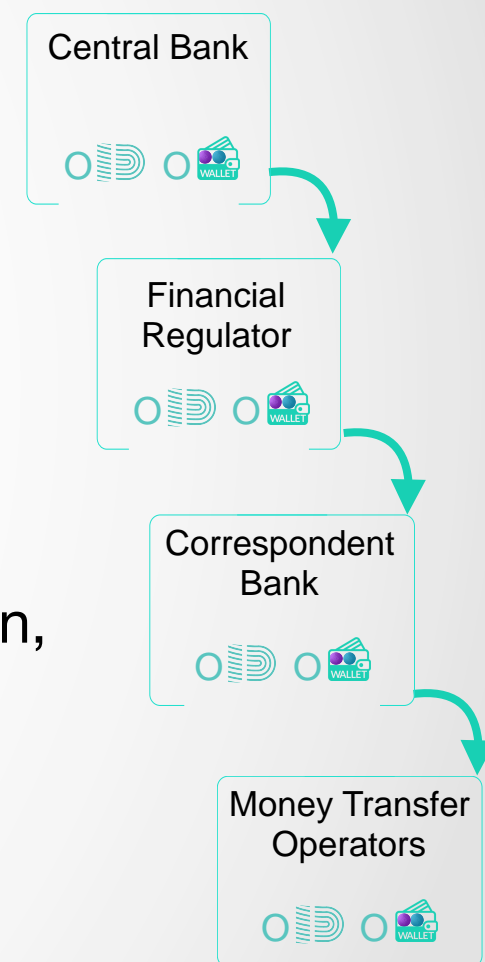   i.e. ✔ KYC/AML approval
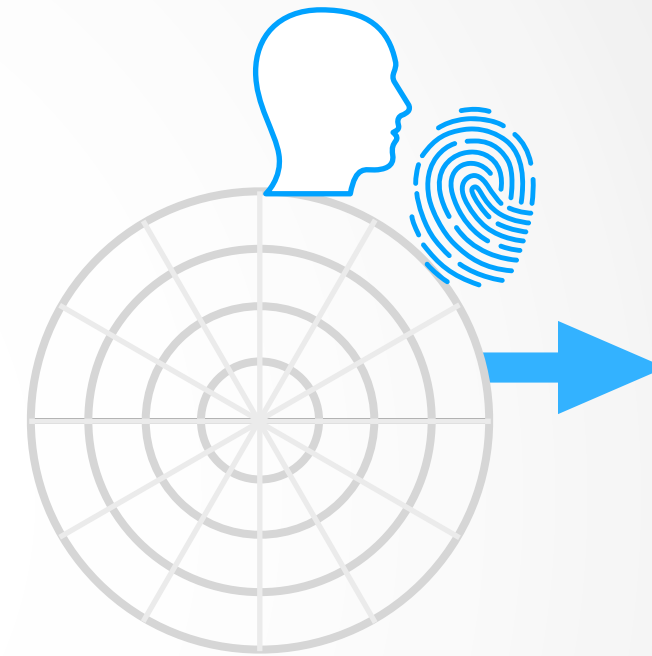
User Identity Datagram

Granular Components

Identity data is PRIVATE; selectively shareable by user

Entity Identities + Accounts

EVEREST

- Entities can be families, businesses, banks, NGOs, any group
  - Entities are a collection of individual identities
  - Entities can share resources like documents, wallet, and more
  - Entities can granularly share data (i.e. LEI, account balance) with others
  - Entities can be made up of Admins and Agents with varying capabilities

- Users
  - Users can only have one ID but can associate w/ multiple Orgs
  - Users can create entities based on verified sources (articles of incorporation, beneficiaries/signers/gatekeepers/, beneficial owner, tax documents, etc.)
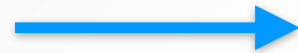
Central Bank

Financial Regulator

Correspondent Bank

Money Transfer Operators

Users and Organizations management is native to the system and includes family organization
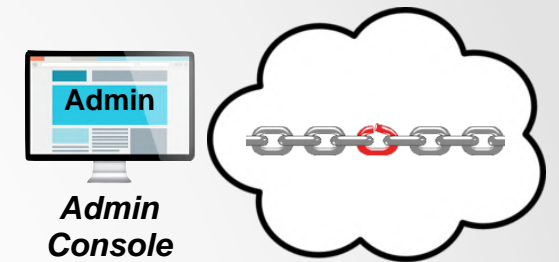
Agent creates User ID w/ verification

Agent
ID verified,
managed

User
- ID verified, by whom, when.
- Proof of address, Tax & Corp docs scanned & stored
- KYC, AML, CFT checks attached to User ID

Everest Platform
SaaS enables banks to manage Agents & Users; ensure compliance

Adang -

Enrollment date/time:	**2019-04-04 / 21:26:08**	
EverWallet address:	**0x892b94518f4809abe77ba28b5a5c72dc8f34dc3d**	
Number of LPG tanks:	**0**	
BSA account:	**081901041608535**	
Occupation:	**WIRASWASTA**	

Degrade to Member

Address:	**KP CIANGIR 004 004 / PALASARI / ATG4**					
Phone number:	**+62 89514155379**					
City:	**-**					
Village:	**-**					
Sex:	**Male**	Birth date: **1979-04-26**	Birth place: **TANGERANG**	Nationality: **WNI**		
Mother's name:	**SAMNAH**	Father's name: **ASIDAN**	Siblings names: **-**	Children names: **-**		

Documents:

Marni Yessi

Enrollment date/time:	**2019-05-14 / 23:24:28**	
EverWallet address:	**0x39ad6cbb8eea2ee0f2cee47bbc0cc78a11d6efb2**	
Number of LPG tanks:	**0**	
Occupation:	**Karyawan Swasta**	

Promote to Agent

Address:	**Jangkak**					
Phone number:	**85376761231**					
City:	**-**					
Village:	**-**					
Sex:	**Perempuan**	Birth date: **1990-02-28**	Birth place: **Bukittinggi**	Nationality: **Indonesia**		
Mother's name:	**Sanibar**	Father's name: **Salmi St Makmur**	Siblings names: **-**	Children names: **-**		

Documents:
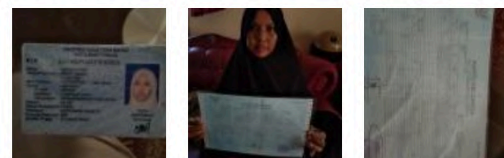
Remote or self with ID verification; Reach 100% of pop, no device required

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CDD and EDD Data Sources
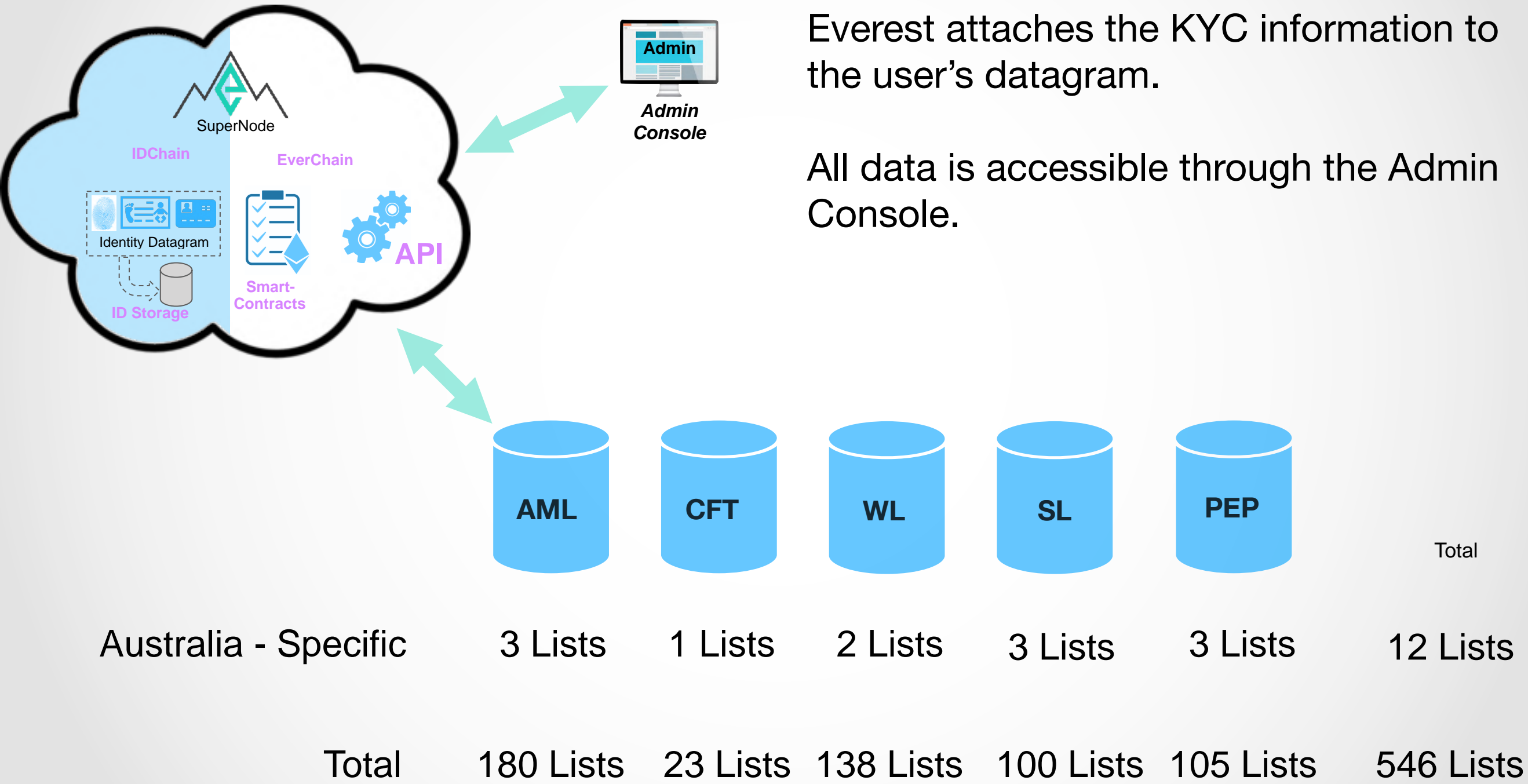
Everest attaches the KYC information to the user's datagram.

All data is accessible through the Admin Console.

	AML	CFT	WL	SL	PEP	Total
Australia - Specific	3 Lists	1 Lists	2 Lists	3 Lists	3 Lists	12 Lists
Total	180 Lists	23 Lists	138 Lists	100 Lists	105 Lists	546 Lists

Know Your Customer information is provided by multiple up-to-date sources

Financial Transaction Tracking
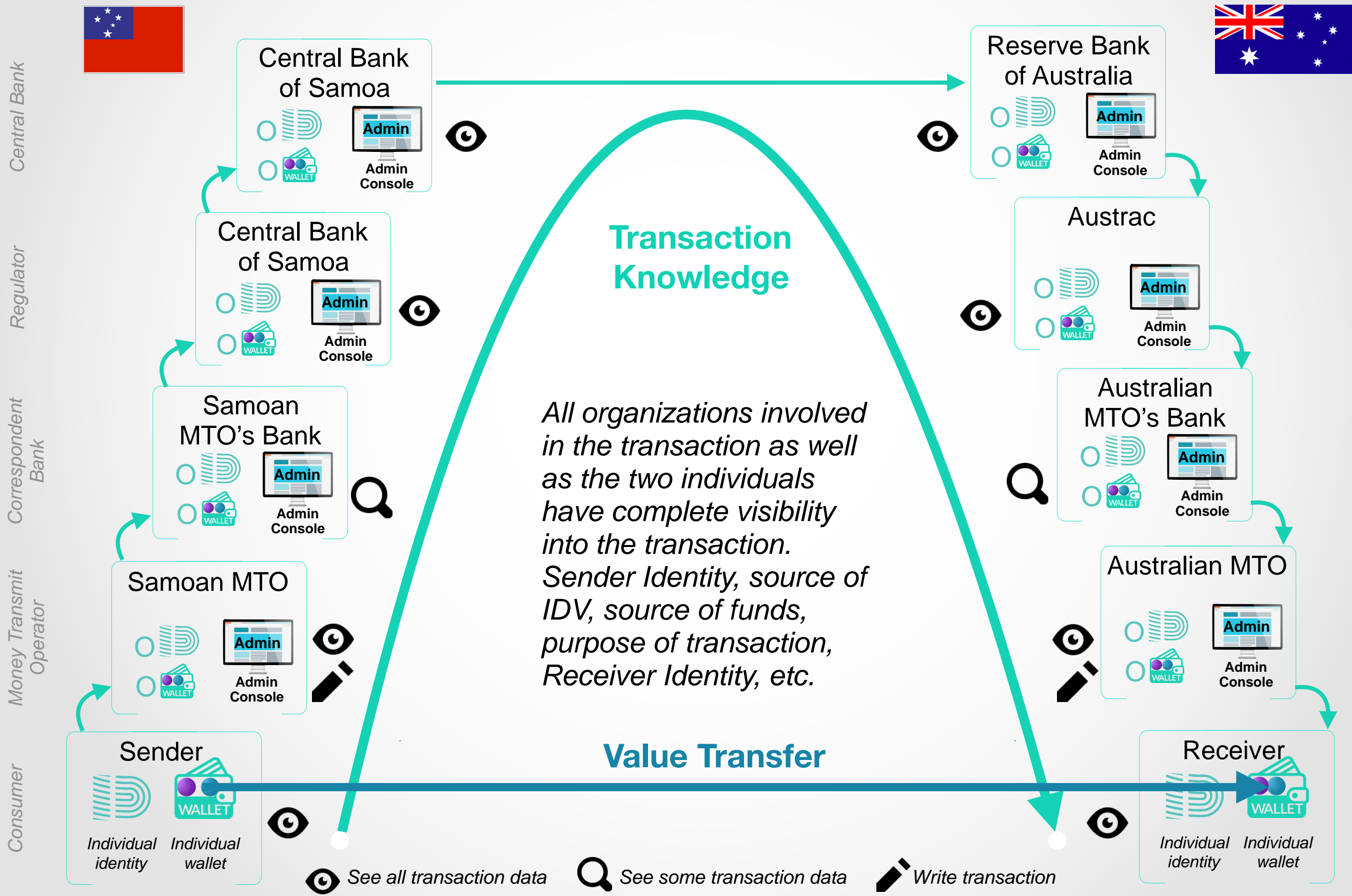
- **Transaction Tracking SaaS Platform**
  - track money flows
  - analyze activity
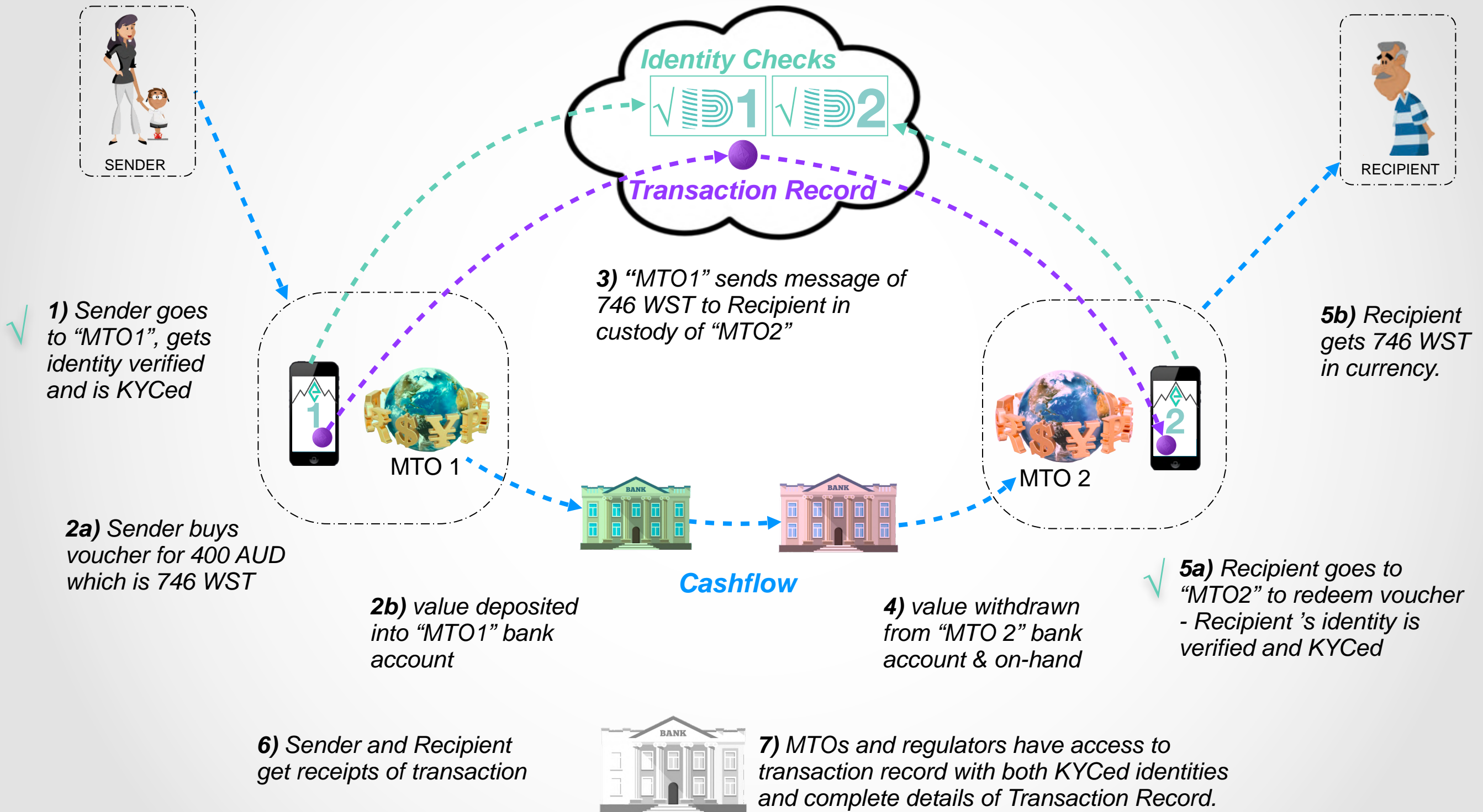 - flag activities
  - automated reporting

Central Bank of Samoa
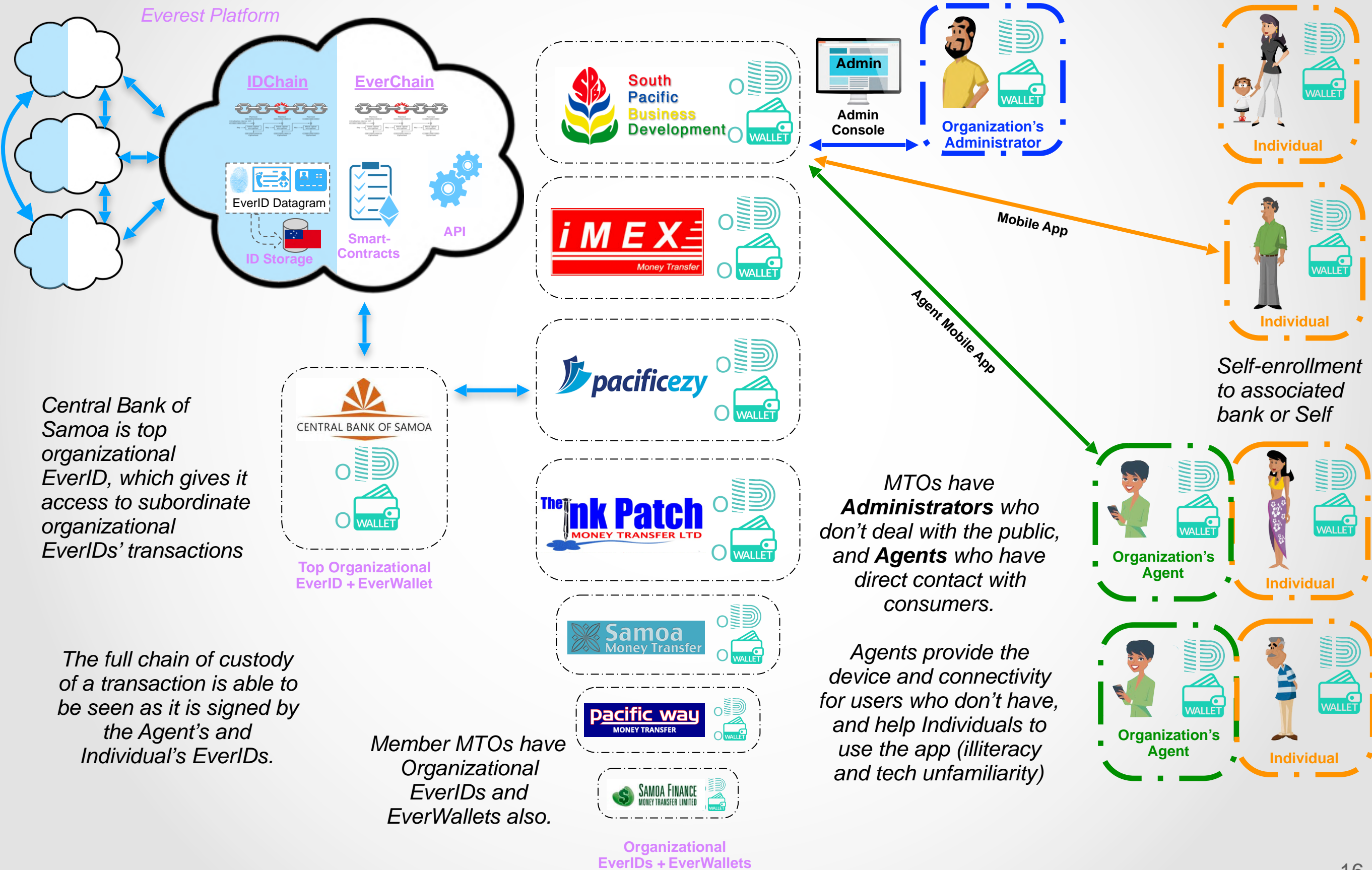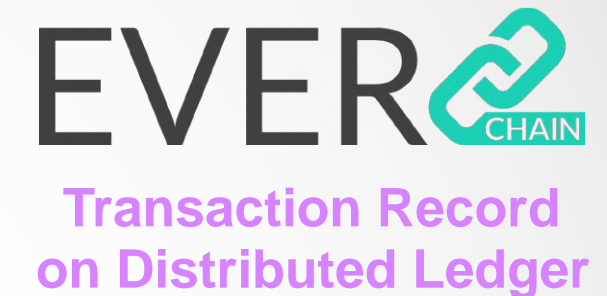
Money Transfer Chain of Custody

Transaction Knowledge

All organizations involved in the transaction as well as the two individuals have complete visibility into the transaction. Sender Identity, source of IDV, source of funds, purpose of transaction, Receiver Identity, etc.

Value Transfer

Central Bank

Regulator

Correspondent Bank

Money Transmit Operator

Consumer

Central Bank of Samoa — Admin — Admin Console

Central Bank of Samoa — Admin — Admin Console

Samoan MTO's Bank — Admin — Admin Console

Samoan MTO — Admin — Admin Console

Sender — WALLET — *Individual identity* *Individual wallet*

Reserve Bank of Australia — Admin — Admin Console

Austrac — Admin — Admin Console

Australian MTO's Bank — Admin — Admin Console

Australian MTO — Admin — Admin Console

Receiver — WALLET — *Individual identity* *Individual wallet*

See all transaction data   See some transaction data   Write transaction

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Remittance ID Verification & Transaction Tracking

EVEREST

SENDER

RECIPIENT

Identity Checks

√ ID1 √ ID2

Transaction Record

3) "MTO1" sends message of 746 WST to Recipient in custody of "MTO2"

√ 1) Sender goes to "MTO1", gets identity verified and is KYCed

5b) Recipient gets 746 WST in currency.

MTO 1

MTO 2

2a) Sender buys voucher for 400 AUD which is 746 WST

Cashflow

√ 5a) Recipient goes to "MTO2" to redeem voucher - Recipient 's identity is verified and KYCed

2b) value deposited into "MTO1" bank account

4) value withdrawn from "MTO 2" bank account & on-hand

6) Sender and Recipient get receipts of transaction

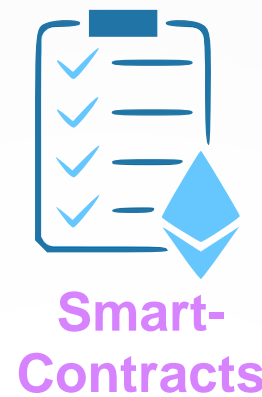7) MTOs and regulators have access to transaction record with both KYCed identities and complete details of Transaction Record.

Voucherized value transfer with known identities and transparent audit record

Financial Transaction Tracking System

EVER WALLET
Individual's Wallets

Smart-Contracts

EVER CHAIN
Transaction Record on Distributed Ledger

Each transaction is created using the sender and receiver's permanent EverWallet addresses

Records all details of the transaction including the source of funds, fees, and exchange rate

Record of transaction attributes cryptographically signed for reporting

Smart Contracts Dictate System Behavior: activity on the system is recorded by the smart contracts which also enforce the regulations for this jurisdiction. The Transaction is informed by a Jurisdiction Definition file which defines threshold triggers, CIP, CDD, EDD, reporting format and location, filing requirements, suspicious activity alerting and more.

Cryptographically signed transactions + enforced compliance + automated reporting

CIP = Everest Enrollment

CIP	CDD	Documentation	Related parties to verify
• **Full legal name** • **Residential address** • **Mailing address** • **Date of birth** • Social Security Number / Tax Identification Number • **Country of citizenship** • **Country of permanent residence**	• Source of wealth • **Occupation** • Source of funds for account • Nature and purpose of account • Products and services • Joint account holders	• **Driver's license** • **Passport** • Other Government Issued ID • Relevant Tax Document	• None

Captured during Everest Enrollment

Individual CIP and CDD are native comp

Customer Due Diligence Process

Step 1 - Conduct CIP on the individual

Step 2 - Record the jurisdiction set for this transaction

Step 3 - Calculate a Risk Rating for this transaction

Step 4 - Based upon Risk Rating, does this transaction require EDD

Everest CDD Risk Rating Tool

#	Risk Levels	Score
1	Risk Level for Country of Government	1
2	Risk Level for Country of Incorporation	1
3	Risk Level for Country of Operation	1
4	Risk Level for Authorized Signers	1
5	Risk Level for Country of Nationality	1
6	Risk Level for Country of Residency	1
7	Risk Level (Government Income)	3
8	Risk Level for Industry	3
9	Risk Level for Legal Structure	1
10	Risk Level for Management	1
11	Risk Level for Owners	3
12	Risk Level for Primary Regulatory Body	1
13	Risk Level for Purpose of Account	3
14	Risk Level for Source of Wealth	3
15	Risk Level for High Risk Transactions	5

Simple Average (No Weights Assigned to Any of the Risk Levels Above)	1.93

Client Risk	Low Risk

Step 5 - if EDD not required, complete the transaction

Legend		
1	2	Low Risk
2	3.5	Medium Risk
3.5	5	High Risk

Know Your Customer information is provided by multiple up-to-date sources

Financial Transaction Tracking Smart Contract

Un-alterable, cryptographic transaction

Sender
Biometric IDV
Gives funds

Origin MTO Agent
Biometric IDV ★
Receives funds
Records amount of funds received
Calculates & records ForEx & Fees ★
Records receiving MTO
Records recipient identity
Records purpose of transaction ★
Records source of funds / wealth ★
Records appropriate documents ★
for address, wealth and funds ★

Origin MTO Organization
MTO Identity
Sends funds

Destination MTO Organization
MTO Identity
Receives funds

Destination MTO Agent
Biometric IDV ★
Dispenses funds

Recipient
Biometric IDV
Receives funds

```solidity
pragma solidity ^0.5.0;

import "./vendor/openzeppelin-
solidity/contracts/ownership/
Ownable.sol";

contract Remittance is Ownable {
/// Structs
struct Transfer {
uint256 identifier;
address sender;
uint256 funds;
address sendingMTO;
address receivingMTO;
address recipient;
uint256 tokens;
uint256 timestamp;
bool approvedBySendingMTO;
bool approvedByReceivingMTO;
mapping(uint256 => string)
additionalData;
uint256[] additionalDataKeys;
}
```

★

Everest Smart-Contract Code snip 22

List of Transaction Data Elements

Sender EverID Data:
User name (First Name, Last Name)
Address
Place of birth
Date of birth
Gender
Photograph of ID card
ID card verification (source, date)
Sender selfie with ID Card
Other data (KYC verified claim)

Recipient EverID Data:
User name (First Name, Last Name)
Address
Place of birth
Date of birth
Gender
Photograph of ID card
ID card verification (source, date)
Receiver selfie with ID Card
Other data (KYC verified claim)

Transaction Data:
Transaction timestamp (GMT date and time)
Origin MTO
Origin MTO Agent EverID
Destination MTO
Destination MTO Agent EverID
Transaction amount (in origination currency)
Source of Funds (from Sender)
Remittance Purpose (from pick list)
Sender AML/CTF/PEP lookup and results
Receiver AML/CTF/PEP lookup and results
Origination currency
Origination currency amount
Originating bank & account (from Origin MTO Org EverID)
Destination currency
Destination currency amount
Destination bank account / funding source (from Destination MTO Org EverID)
Fees paid (currency and amount)
Exchange rate used for transaction
Pickup location (from Destination MTO Org EverID) and timeframe

Admin

Admin Console

User documents and information are checked to ensure they are eligible to do transaction

Financial Transaction Tracking Reports

Reporting: each jurisdiction has a different set of requirements for reporting and conform to five common types listed below

Report Type	Jurisdiction Specific Report (Australia Example)
International Financial Transaction Report	IFTI-DRA-1-2.xsd
Over Threshold Report	TTR-MSB-2-0.xsd
Suspicious Matter Report	SMR-2-0.xsd
Suspicious Transaction Report	SMR-2-0.xsd
Sanctions List Assistance	Referral_Form_to_AFP.doc
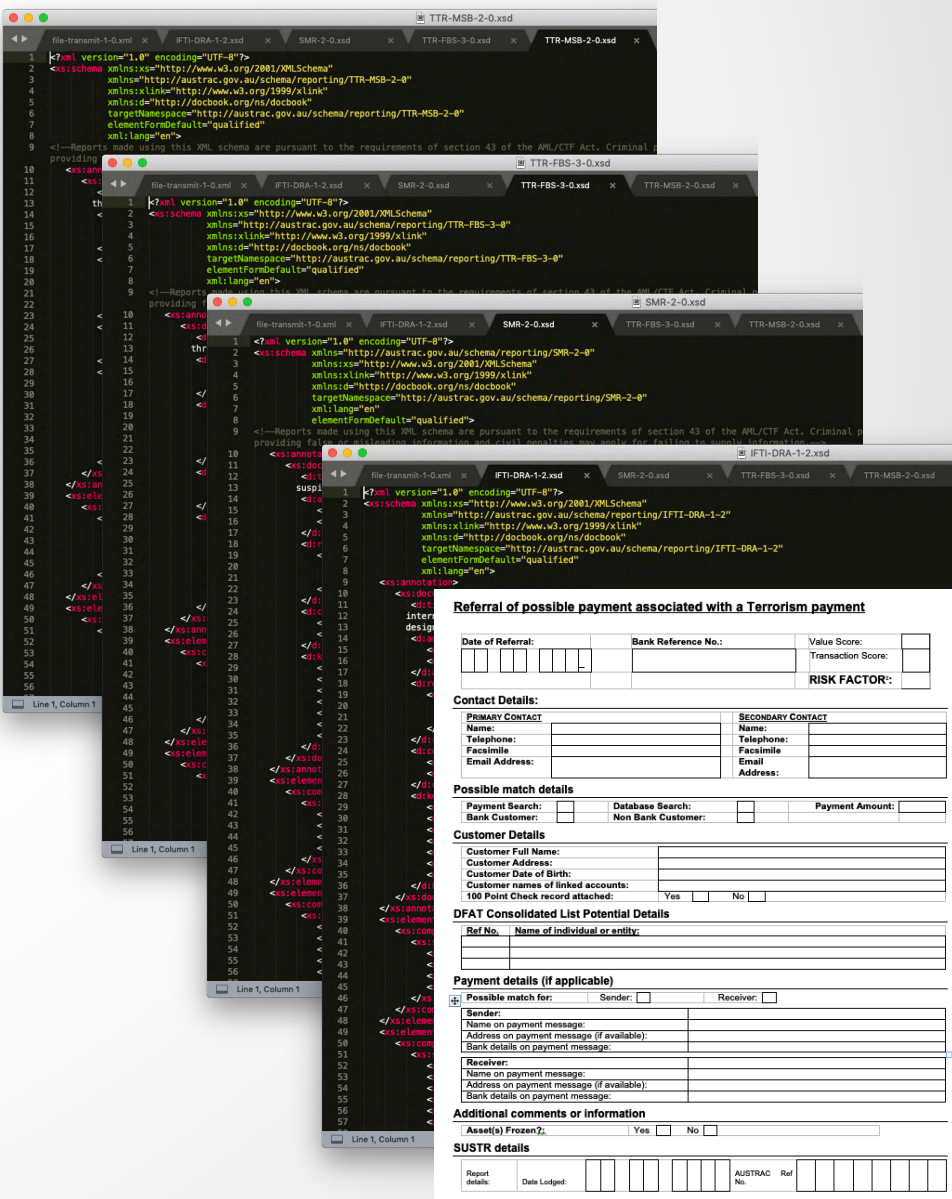
Data input into reports cryptographically signed

Automated Reporting –
Financial institutions in each jurisdiction are set up to automatically report their appropriate information to the jurisdictional regulator

Report Consolidation –
The regulator is able to look at information consolidated from all financial institutions who are reporting or each individually

Reports auto-generated & filed in near real-time

EVEREST

Send Transaction – Complete Transaction Definition

| Send button | UX trigger for flow |

Logic Steps

- Send what
- To Whom
- How
- Why
- When

Options Catalog

Send What
- CRDTs
- Fiat denominated voucher – (¥1 is changed into USD @exchange rate at time of transaction start and reflected in CRDT voucher, when voucher "cashed out" if not into USD, change CRDT @exchange rate for destination currency and send that) NB: entire flow and all steps are recorded into transaction

To Whom
- In Everest Address book?
  - YES – Go to "How"
  - No
    - Add to Address book?
      - Yes – start AddABEntry & preserve state in Send flow
      - No
        - Display One-time send warning and go to "How"

How
- –IF– in Everest Address Book - use EverID go to "Why"
- –IF– One-time send, need "Notification Address" and cash-out location (if required)
  - Double entry phone number – go to "Why"
  - Double entry e-mail address – go to "Why"

Why
- Purpose of transaction from picklist
- Stated Frequency of Transaction

When
- One Time, now
- Ont Time, [Time Picker]
- Recurring
  - Choose frequency
  - Choose exception notification (oof)

Completely Configured Transaction Data Elements

- Origin EverID
- CRDT Amount (origin currency)
  - To Destination EverID
- To One-time Send
  - Enrolled into Destination EverID @ receipt
- Notification to EverID
- To One-time Send
  - To phone #
  - To e-mail
- Money Out - Everest "Cashout" flow
- Money Out - Everest partner location
- To One-time Send
  - Everest Partner location with enrollment
- Source of funds
- Purpose of transaction from jurisdictional picklist
- One Time Send (now or future)
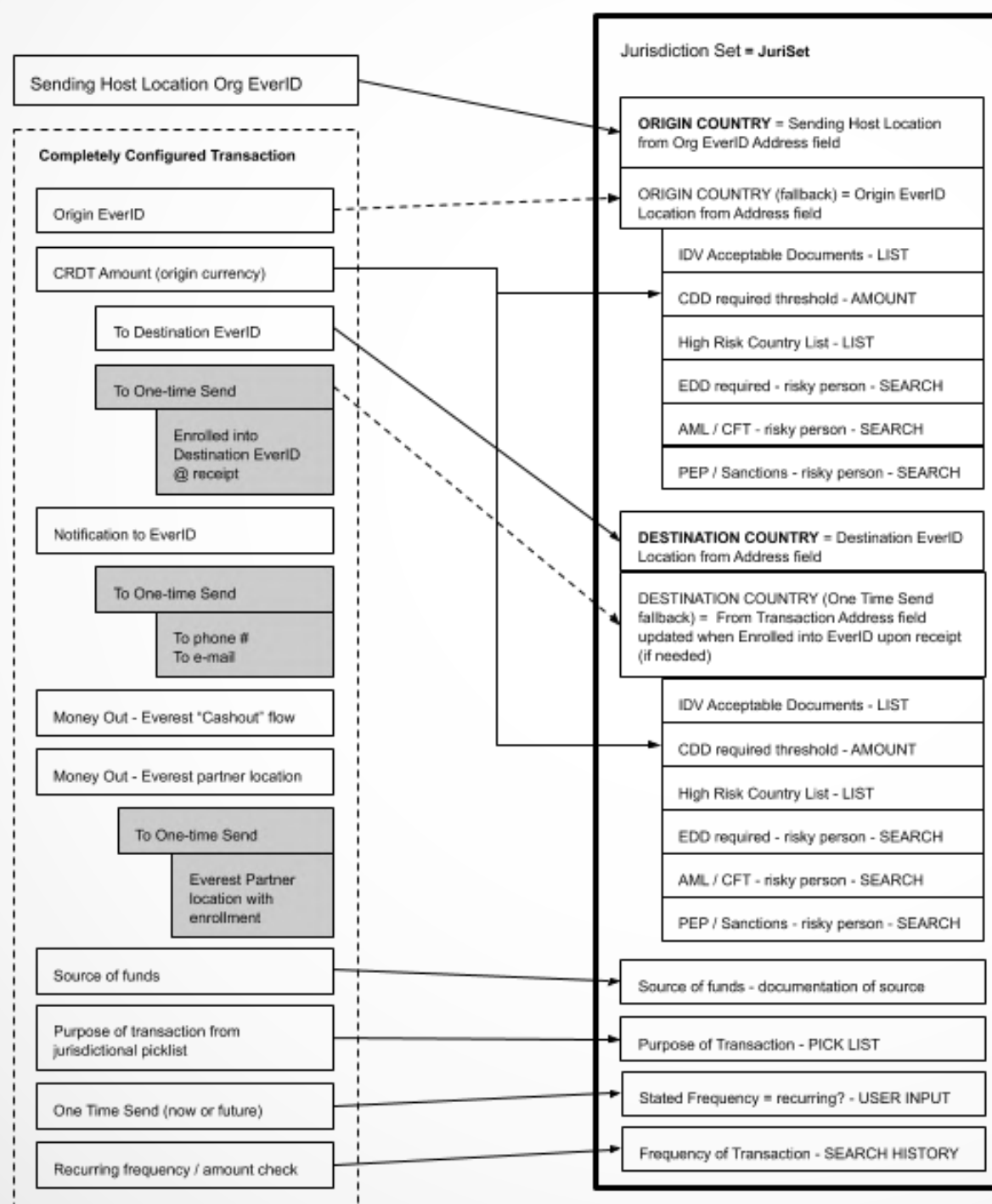- Recurring frequency / amount check

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Send Transaction – Jurisdiction Set

Jurisdiction Set = *Jurisdiction Parameter set for this transaction*

| Send button | UX trigger for flow |

*Created from the Completely Configured Transaction at the left, the JuriSet is the combination of the Jurisdiction parameters in play for **ANY** transaction to occur between the origin and destination countries.*

Sending Host Location Org EverID

Jurisdiction Set = JuriSet

ORIGIN COUNTRY = Sending Host Location from Org EverID Address field

Completely Configured Transaction

Origin EverID

ORIGIN COUNTRY (fallback) = Origin EverID Location from Address field

CRDT Amount (origin currency)

IDV Acceptable Documents - LIST

CDD required threshold - AMOUNT

To Destination EverID

High Risk Country List - LIST

To One-time Send

EDD required - risky person - SEARCH

Enrolled into Destination EverID @ receipt

AML / CFT - risky person - SEARCH

PEP / Sanctions - risky person - SEARCH

Notification to EverID

DESTINATION COUNTRY = Destination EverID Location from Address field

To One-time Send

To phone #
To e-mail

DESTINATION COUNTRY (One Time Send fallback) = From Transaction Address field updated when Enrolled into EverID upon receipt (if needed)

Money Out - Everest "Cashout" flow

IDV Acceptable Documents - LIST

Money Out - Everest partner location

CDD required threshold – AMOUNT

High Risk Country List - LIST

To One-time Send

EDD required - risky person - SEARCH

Everest Partner location with enrollment

AML / CFT - risky person - SEARCH

PEP / Sanctions - risky person - SEARCH

Source of funds

Source of funds - documentation of source

Purpose of transaction from jurisdictional picklist

Purpose of Transaction - PICK LIST

One Time Send (now or future)

Stated Frequency = recurring? - USER INPUT

Recurring frequency / amount check

Frequency of Transaction - SEARCH HISTORY

Step 3 - Define CIP, CDD, EDD

Send Transaction – Jurisdiction Set

| Send button | UX trigger for flow |

Customer Identification Program - IDV, Liveness, Data verification

Jurisdiction Set = **JuriSet**

ORIGIN COUNTRY = Sending Host Location from Org EverID Address field

ORIGIN COUNTRY (fallback) = Origin EverID Location from Address field

| IDV Acceptable Documents - LIST |
| CDD required threshold - AMOUNT |
| High Risk Country List - LIST |
| EDD required - risky person - SEARCH |
| AML / CFT - risky person - SEARCH |
| PEP / Sanctions - risky person - SEARCH |

DESTINATION COUNTRY = Destination EverID Location from Address field

DESTINATION COUNTRY (One Time Send fallback) = From Transaction Address field updated when Enrolled into EverID upon receipt (if needed)

| IDV Acceptable Documents - LIST |
| CDD required threshold - AMOUNT |
| High Risk Country List - LIST |
| EDD required - risky person - SEARCH |
| AML / CFT - risky person - SEARCH |
| PEP / Sanctions - risky person - SEARCH |

| Source of funds - documentation of source |
| Purpose of Transaction - PICK LIST |
| Stated Frequency = recurring? - USER INPUT |
| Frequency of Transaction - SEARCH HISTORY |

Process Flow:

1. Conduct Customer Identification Program

2. CDD: Source of Wealth analysis

+

Sanctions List Screening Checks

= Risk Scoring

⇒ if risk = "LOW" GOTO Onboarding

⇒ if risk = "MED" or "HIGH" GOTO EDD

2a. EDD: Additional checks on source of Wealth or individual

3. Onboarding

Step 4 - Populate with 2 Jurisdictions

Send Transaction – Example Jurisdiction Set - EU & Australia

Send button	UX trigger for flow

Origin Country = Malta = EU Jurisdiction
Destination Country = Australia = AUSTRAC

EU 5MLD

€150 - sent in person
€50 - sent online
TTR = €10,000

Jurisdiction Set = JuriSet

ORIGIN COUNTRY = Sending Host Location from Org EverID Address field

ORIGIN COUNTRY (fallback) = Origin EverID Location from Address field

IDV Acceptable Documents - LIST

CDD required threshold - AMOUNT

High Risk Country List - LIST

EDD required - risky person - SEARCH

AML / CFT - risky person - SEARCH

PEP / Sanctions - risky person - SEARCH

DESTINATION COUNTRY = Destination EverID Location from Address field

DESTINATION COUNTRY (One Time Send fallback) = From Transaction Address field updated when Enrolled into EverID upon receipt (if needed)

IDV Acceptable Documents - LIST

CDD required threshold - AMOUNT

High Risk Country List - LIST

EDD required - risky person - SEARCH

AML / CFT - risky person - SEARCH

PEP / Sanctions - risky person - SEARCH

Source of funds - documentation of source

Purpose of Transaction - PICK LIST

Stated Frequency = recurring? - USER INPUT

Frequency of Transaction - SEARCH HISTORY

Example Jurisdiction Set = EU to Australia

ORIGIN COUNTRY = Sending Host Location from Org EverID Address field	Malta = EU Jurisdiction	
~~ORIGIN COUNTRY (fallback) = Origin EverID Location from Address field~~		
IDV Acceptable Documents - LIST		
CDD required threshold - AMOUNT	€150 in person €50 online	
High Risk Country List - LIST	23 country list	
EDD required - risky person - SEARCH	? NAME MATCH ?	
AML / CFT - risky person - SEARCH	? NAME MATCH ?	
PEP / Sanctions - risky person - SEARCH	? NAME MATCH ?	
DESTINATION COUNTRY = Destination EverID Location from Address field	Australia Jurisdiction	
~~DESTINATION COUNTRY (One Time Send fallback) = From Transaction Address field updated when Enrolled into EverID upon receipt (if needed)~~		
IDV Acceptable Documents - LIST		
CDD required threshold - AMOUNT	€150 in person €50 online	
High Risk Country List - LIST	23 country list	
EDD required - risky person - SEARCH	? NAME MATCH ?	
AML / CFT - risky person - SEARCH	? NAME MATCH ?	
PEP / Sanctions - risky person - SEARCH	? NAME MATCH ?	
Source of funds - documentation of source	Bank statement	
Purpose of Transaction - PICK LIST	Family support	
Stated Frequency = recurring? - USER INPUT	N/A	
Frequency of Transaction - SEARCH HISTORY	? Origin + Destination Name Matches ?	

---

12 countries also listed by the Financial Action Task Force:
(1) The Bahamas,
(2) Botswana,
(3) Democratic People's Republic of Korea,
(4) Ethiopia,
(5) Ghana,
(6) Iran,
(7) Pakistan,
(8) Sri Lanka,
(9) Syria,
(10) Trinidad and Tobago,
(11) Tunisia,
(12) Yemen.

11 additional jurisdictions identified by the Commission:
(1) Afghanistan,
(2) American Samoa,
(3) Guam,
(4) Iraq,
(5) Libya,
(6) Nigeria,
(7) Panama,
(8) Puerto Rico,
(9) Samoa,
(10) Saudi Arabia,
(11) US Virgin Islands.

AUSTRALIA AML/CTF 2006

$150 - sent in person
$50 - sent online
TTR = $10,000

UNSC Sanctions Regimes:
(1) Central African Republic
(2) Democratic Republic of the Congo
(3) Guinea-Bissau
(4) Iraq
(5) Lebanon
(6) Mali
(7) Somalia
(8) South Sudan
(9) Sudan
(10) Yemen

Counter-terrorism:
(1) ISIL (Da'esh) and Al-Qaida
(2) The Taliban

Australian Autonomous Sanctions:
(1) Former Federal Republic of Yugoslavia
(2) Myanmar
(3) Russia
(4) Syria
(5) Ukraine
[Crimea and Sevastopol]
(6) Zimbabwe

BOTH:
(1) Democratic People's Republic of Korea (North Korea)
(2) Iran
(3) Libya
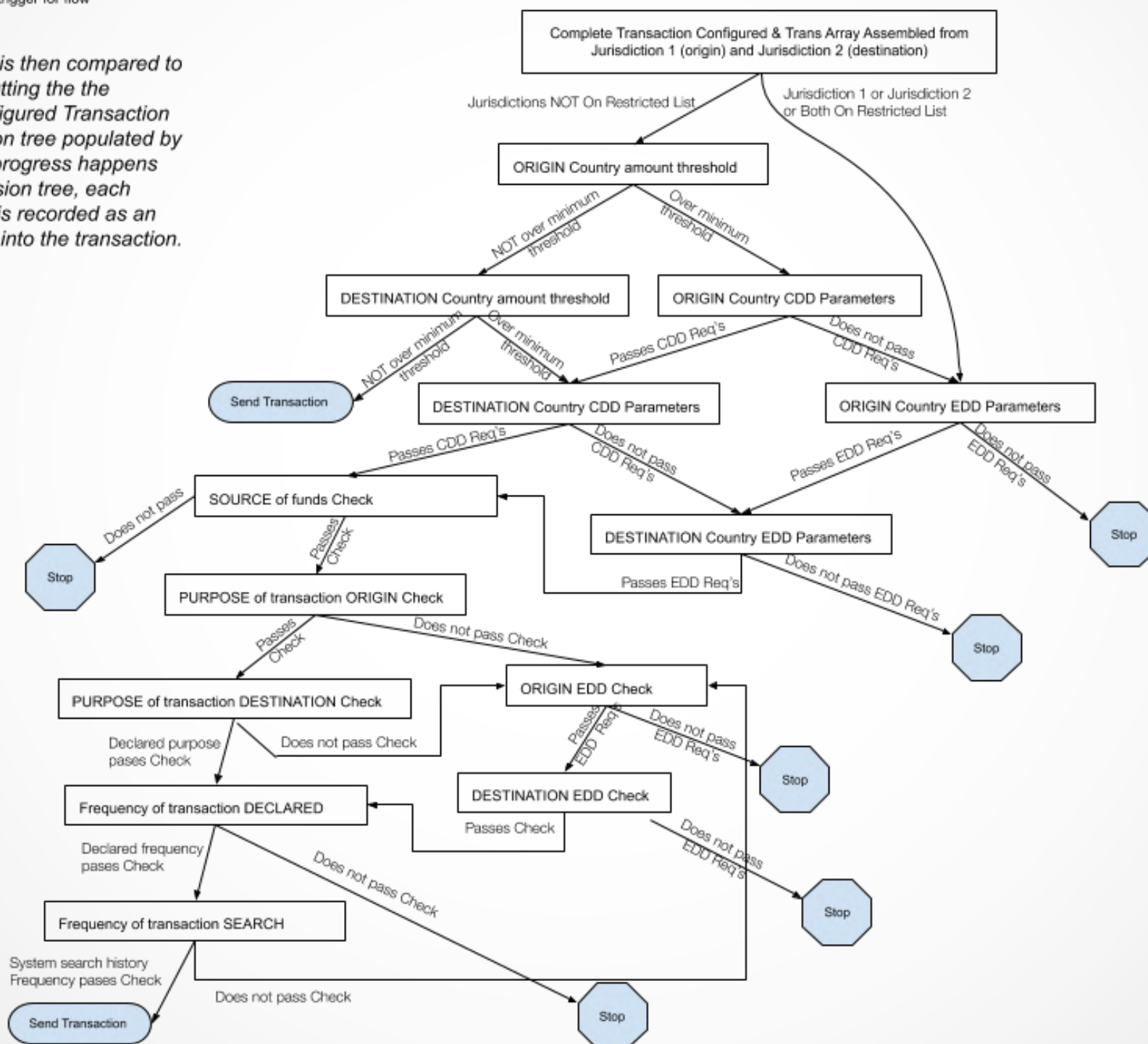
Suspicious Matter Handling on the Decision Tree

In normal operation the system conducts KYC and CDD in a highly automated manner, relieving the MTO Agent from mundane tasks, while reinforcing standard operating procedures.

When a suspicious matter happens, however, as indicated by the Stop Signs in the Decision Tree, the system flags the matter as requiring EDD review by the MTO Agent, and/or MTO Compliance Officer.

Their review of the transaction, recording of supporting documentation and evidence from their heightened scrutiny of the transaction, and personal sign-off to allow the transaction to proceed, are all available to the Regulator for review.

Depending on jurisdiction, the appropriate report is filed with the appropriate authority.

KYC Utility for emerging markets

Moving money in emerging markets is difficult.
Money transfer operators, banks, govts, NGOs, payment providers,
companies & users require……

(a) biometric identity, (b) KYC/AML, (c) account/wallet no phone required,
(d) connections to existing banking system, (e) compliance
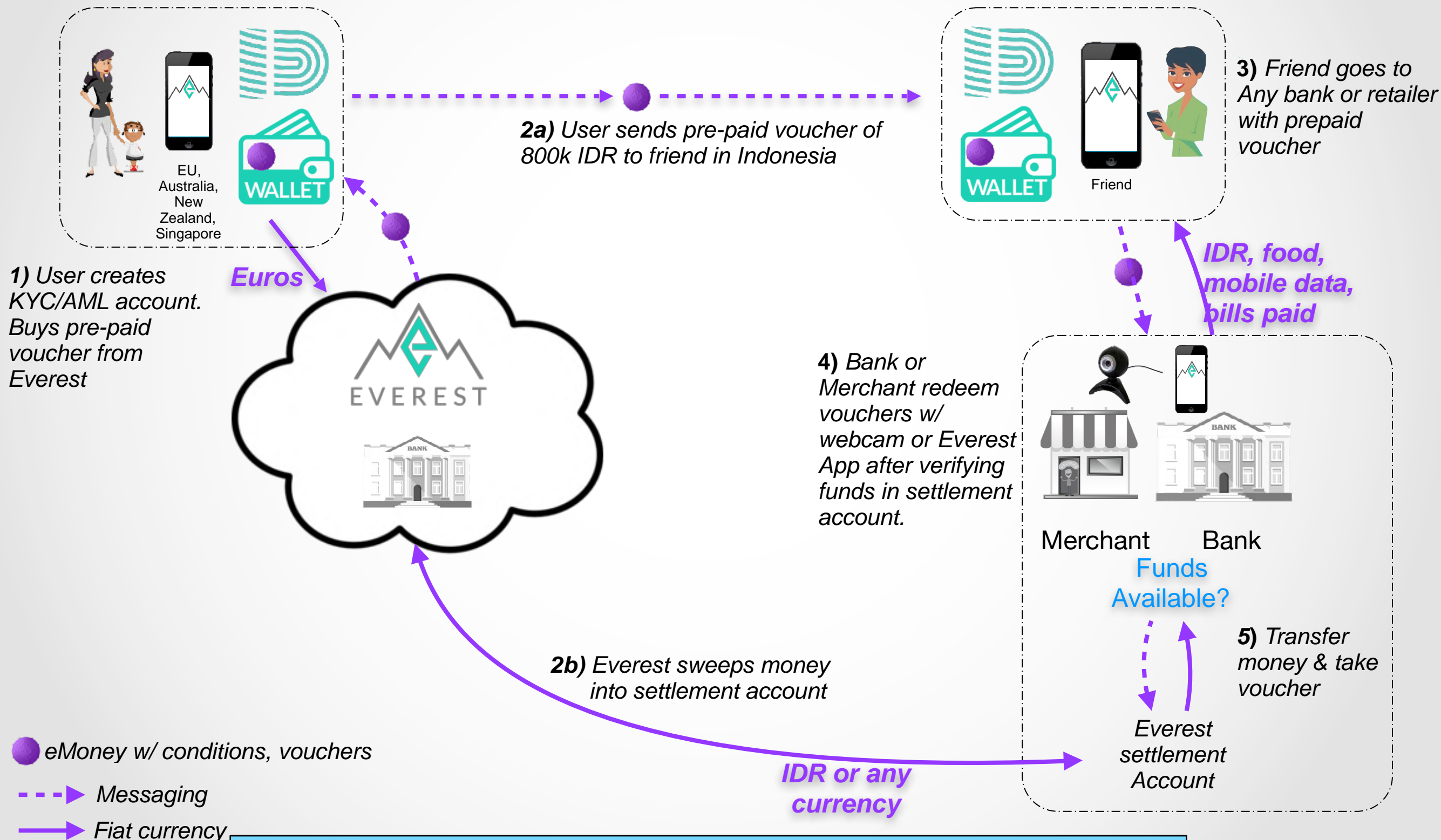And it must be low cost.

We built that

Thank You

bob@everest.org

Remittances with integrated KYC/AML

EVEREST

EU, Australia, New Zealand, Singapore

WALLET

2a) *User sends pre-paid voucher of 800k IDR to friend in Indonesia*

WALLET

Friend

3) *Friend goes to Any bank or retailer with prepaid voucher*

1) *User creates KYC/AML account. Buys pre-paid voucher from Everest*

Euros

EVEREST

BANK

IDR, food, mobile data, bills paid

4) *Bank or Merchant redeem vouchers w/ webcam or Everest App after verifying funds in settlement account.*

Merchant   Bank

Funds Available?

5) *Transfer money & take voucher*

2b) *Everest sweeps money into settlement account*

Everest settlement Account

IDR or any currency

● *eMoney w/ conditions, vouchers*

┈┈▶ *Messaging*

──▶ *Fiat currency*

Fiat converted to conditional Money. Reach anyone in the world

Australia-Specific Data Sources

Australia Independent Commission Against Corruption Investigations

Australia Reserve Bank – Burma Sanctioned Entities

Australian Transaction Reports and Analysis Center (AUSTRAC)

Australia Securities & Investments Commission Enforceable Undertakings

Australia Securities and Investment Commission (ASIC) Media Releases

Australia Securities and Investments Commission – Banned and Disqualified Organizations

Australia Securities and Investments Commission – Register of Banned Bodies

Australian Prudential Regulation Authority Disqualification List

Australian Securities Exchange Disciplinary Announcements

Australia DFAT UNSC Sanctions List

Australia's Implementation of United Nations Security Council Financial Sanctions List

AU Sex Offender Registry

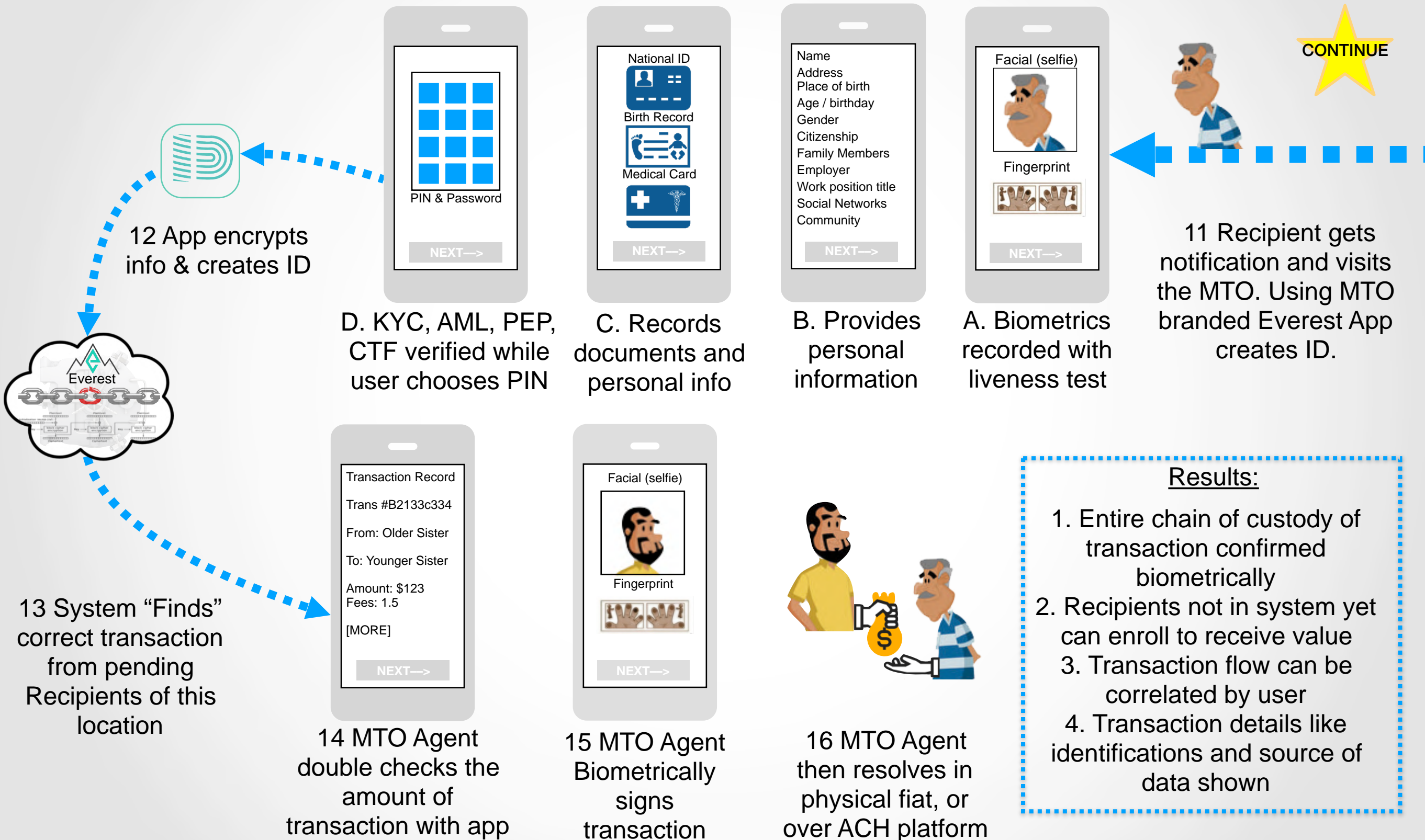**Know Your Customer information is provided by multiple local sources**

Sending a Transaction - New Sender

START

Sender using Everest App creates ID

1 Biometrics recorded with liveness test
- Facial (selfie)
- Fingerprint
- NEXT—>

2 Provides personal information
- Name
- Address
- Place of birth
- Age / birthday
- Gender
- Citizenship
- Family Members
- Employer
- Work position title
- Social Networks
- Community
- NEXT—>

3 Records documents and personal info
- National ID
- Birth Record
- Medical Card
- NEXT—>

4 KYC, AML, PEP, CTF verified while user chooses PIN
- PIN & Password
- NEXT—>

5 App encrypts info & creates ID

Everest

System informs Recipient

10 MTO Agent Biometrically signs transaction
- Facial (selfie)
- Fingerprint
- NEXT—>

9 MTO Agent Enters Transaction Information
- PURPOSE of transaction
- SOURCE of funds
- Frequency of transaction
- NEXT—>

8 Enters Recipient information
- Name
- Address
- Place of birth
- Age / birthday
- Gender
- Citizenship
- Family Members
- Employer
- Work position title
- Social Networks
- Community
- NEXT—>

7 MTO Agent inputs the amount of transaction into app
- SEND Transaction
- Enter amount of money being sent
- NEXT—>

6 MTO Agent then handles money in physical fiat, over credit card or ACH platform

User data, the method of capture, verification and KYC checking are used for all Allianz properties

Receiving a Transaction - New Recipient

12 App encrypts info & creates ID

PIN & Password

NEXT—>

D. KYC, AML, PEP, CTF verified while user chooses PIN

National ID

Birth Record

Medical Card

NEXT—>

C. Records documents and personal info

Name
Address
Place of birth
Age / birthday
Gender
Citizenship
Family Members
Employer
Work position title
Social Networks
Community

NEXT—>

B. Provides personal information

Facial (selfie)

Fingerprint

NEXT—>

A. Biometrics recorded with liveness test

11 Recipient gets notification and visits the MTO. Using MTO branded Everest App creates ID.

Everest

13 System "Finds" correct transaction from pending Recipients of this location

Transaction Record

Trans #B2133c334

From: Older Sister

To: Younger Sister

Amount: $123
Fees: 1.5

[MORE]

NEXT—>

14 MTO Agent double checks the amount of transaction with app

Facial (selfie)

Fingerprint

NEXT—>

15 MTO Agent Biometrically signs transaction

16 MTO Agent then resolves in physical fiat, or over ACH platform

Results:

1. Entire chain of custody of transaction confirmed biometrically
2. Recipients not in system yet can enroll to receive value
3. Transaction flow can be correlated by user
4. Transaction details like identifications and source of data shown

Recipient is notified to visit MTO, is enrolled in system, identity KYCed, and funds disbursed

Mobile App w/ ID Verification + KYC

*Optional video conference

Automated, remote on-boarding
- User can share any data: docs, loan application, change of address.
- Financial Institutions get continuous monitoring

ID Verification + Docs + KYC + Account = continuous compliance

Team

Everest is led by an experienced team with multiple successful
IPOs / acquisitions, with startup and blockchain projects under their belts

Bob Reid
CEO, "The Strategist"

GM, BitTorrent, Partner Kai Labs
(blockchain consultancy). 2 IPOs, 2
acquisitions. 200k air miles per year.

Plans and Negotiates deals
accordingly. Hires the best people.

Brad Witteman
CPO, "The Inventor"

Product at BitTorrent, DAOstack &
Moby (blockchain platforms).

Designs systems that create unique
value to users, and adopted by
established businesses.

Gautam Ramnath
Partnerships, "The Politician"

Gates Foundation,Global Alliance for
Improved Nutrition, Millennium
Challenge, US State Dep't.

Finds "yes" from governments, banks,
NGOs.

Mike Kail
CTO, "The Builder"

CIO and SVP of Infrastructure of
Yahoo!, VP of IT OPs of Netflix.
specialties in security & network
infrastructure, cloud architecture.

Builds scalable, secure, global
platforms for 100s of millions of IDs.

Advisors

Access to decision-makers, capital and technology

Pres. Toomas Hendrik
Former President Estonia

Led sovereign govt. deployment
of social services on a blockchain,
with data exchange between
multiple agencies

Atsushi Taira
Managing Director
at Mistletoe

Representative Director,
Chief Growth Officer, Mistletoe, SVP
of Softbank, CEO of Softbank Bharti,
Fox, etc.

Amb. Jamal Khokhar
Pres. & CEO Institute
of the Americas

Chief of Staff at the Inter-American
Development Bank (IDB),
Department of Outreach
and Partnerships

Aya Miyaguchi
Executive Director
Ethereum Foundation

Leads Ethereum's day to day
operations. Managing Director,
Kraken, Founder Japan Blockchain
Association.

Cash Transfer: BRI Bank + Indonesian Gov.

- Problem: move US$ 7 billion to 50M users without leakage
- Solution: cryptographically signed transactions w/ biometric verification

- 5,395 users in three cities
- Two disbursements. Real-time settlement w/ BRI bank.
- 86% redeemed. 99.999% correct disbursement to user.

"**could save more than Rp 50 trillion** [US$3.49 billion] **in the state budget**"
TNP2K, Jakarta Post, March 15, 2019

Cashless loops, reaching all users

EVEREST

1 User

2 Agent registers identity w/ digital wallet & doc storage

EverID + EverWallet

BANK

Admin

Admin Console

3 Bank or FI manages users via Admin Console. Integrates into existing Bank systems & APIs

EverChain

6 Agent redeems voucher, transaction settled on ledger & gets fiat

EverChain

4 User receives eVoucher with or without phone

5 User biometrically verifies & exchanges digital voucher for goods with agent

eMoney w/ conditions, vouchers

Reduce leakage, track & rank users, agents, admin

Integrated KYC/AML + Remittances

Everest platform for Samoan Central Bank, managing KYC/AML and money transfer. MTOs in Australia, New Zealand & Samoa to use Everest app + admin console to KYC/AML and send money

Send from EU, Singapore, Australia & New Zealand. Receive in all of SE Asia, India, China and parts of Oceania

Cash-in MasterCard, PayPal, MTOs. Cash-out in banks, retail & debit cards

VFA-3 license (accepted transitory) by MFSA for EU. Partners for Singapore, Aus. & NZ. Take deposits + trade on own account for crypto-to-fiat

Europe, Singapore, Aus. and NZ

$100+ billion

SE Asia, India & China

Send money, checks, vouchers to anyone

Integrated address book

Confirm ID of receiver

Notify receiver

Confirmation of transaction completion

UX for easy p2p or c2b value transfer

Intra-bank transfer

User or Org

KYC/AML

any currency, check, IOU, voucher conditional eMoney

EverChain + EverWallet + EverID

- Track Identity w/ KYC/AML through entire system to avoid "front loading"
- Integrated messaging of payment orders
- Ledger to account for multiple banks transfers among themselves
- Reduces costs for all in the network

User or Org

KYC/AML

any currency, check, IOU, voucher conditional eMoney

Identity w/ KYC w/ Transactions:

Remittances
Letters of credit
Payments
Checks

Bank #1

EVER CHAIN

EverChain (Intra-bank ledger)
- Ledger for any settlement
- Tracks KYC/AML of users & orgs

Identity w/ KYC w/ Transactions:

Remittances
Letters of credit
Payments
Checks

Bank #2

45

eCheck

1) User issues an eCheck with eMoney, attached to her bank account; signed w/ biometrics

ID Verified with KYC/ AML/CTF

WALLET

2) User sends eCheck (Identity, bank & account info, "signature" authorization) of 100 JOD to friend

WALLET RECIPIENT

3) Friend accepts eCheck & "deposits" into her account at "Bank #2"

Bank #1

Bank #2

Bank #3

Clearinghouse

Ledger accounts for debits & credits

EVER CHAIN

5) Clearinghouse sends eCheck with amount, sender account & info to "Bank #1"

4) "Bank #2" sends eCheck with amount, sender account, recipient account & transaction information to clearinghouse

6a) User's bank account is debited the amount of the check & Clearinghouse records transaction

6c) Recipient's bank account is credited the amount of the check & Clearinghouse records transaction

6b) "Bank #1" confirms amount to be credited to Friend's account in "Bank #2" and sends transaction

- eMoney w/ conditions (eChecks)
- - - ▸ Messaging
——▸ Money

Send eChecks, biometrically signed, cleared over ledger

Loan origination & management

Enhance existing systems to get mobile, credit scoring, conditional lending, transaction reporting, etc.

4 A

Allocate Token w/ "conditional spending"
(i.e. only fertilizer or equipment)

1
Request for services or credit

2 B
ID Registration & Verification, plus contract admin

Everest
ID + Transaction Processing

3
Service or Credit Approval

Everest-Powered
Bank

5
Transfer "conditional Tokens" for fertilizer or tokens

Enterprise
SMEs

6 C
Token redeemed
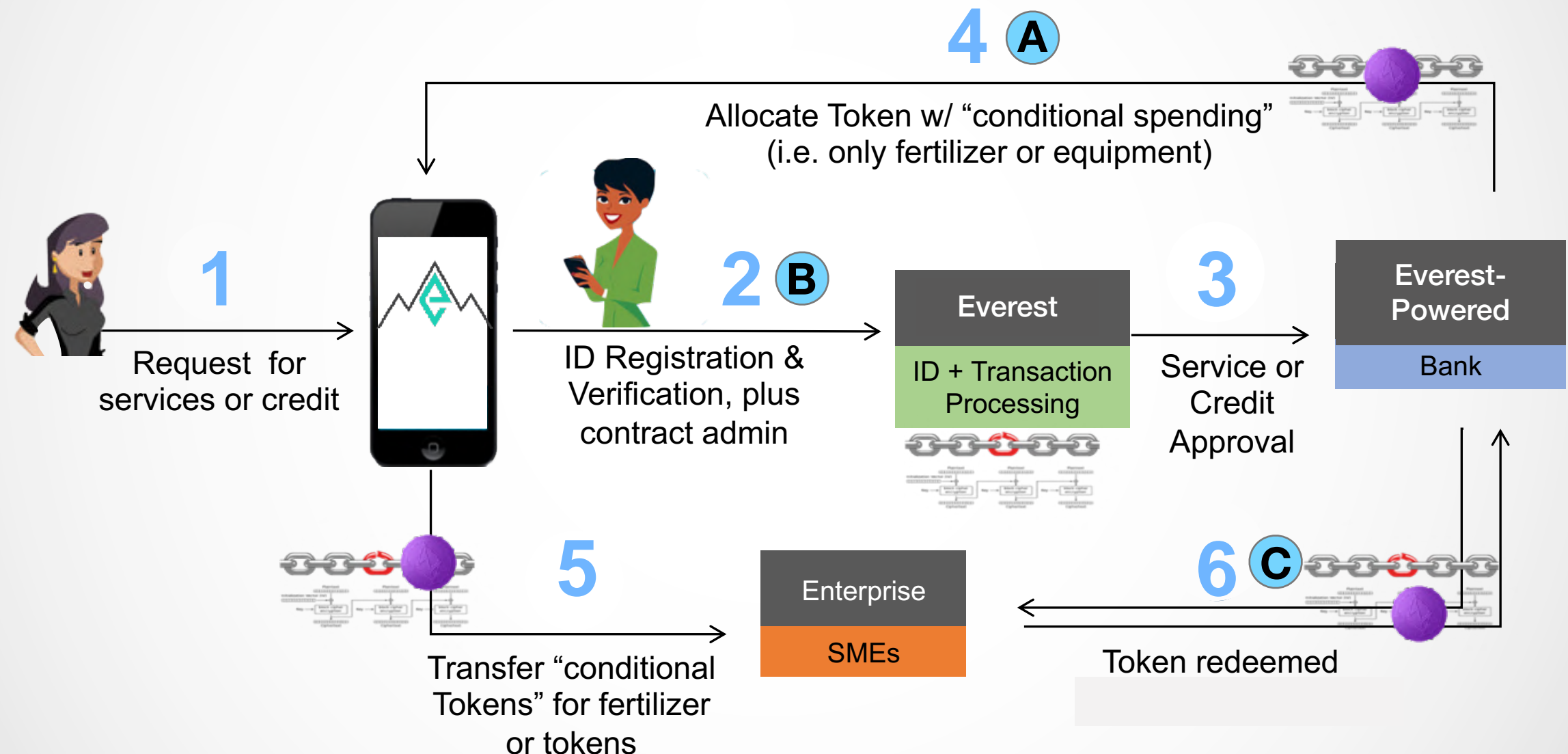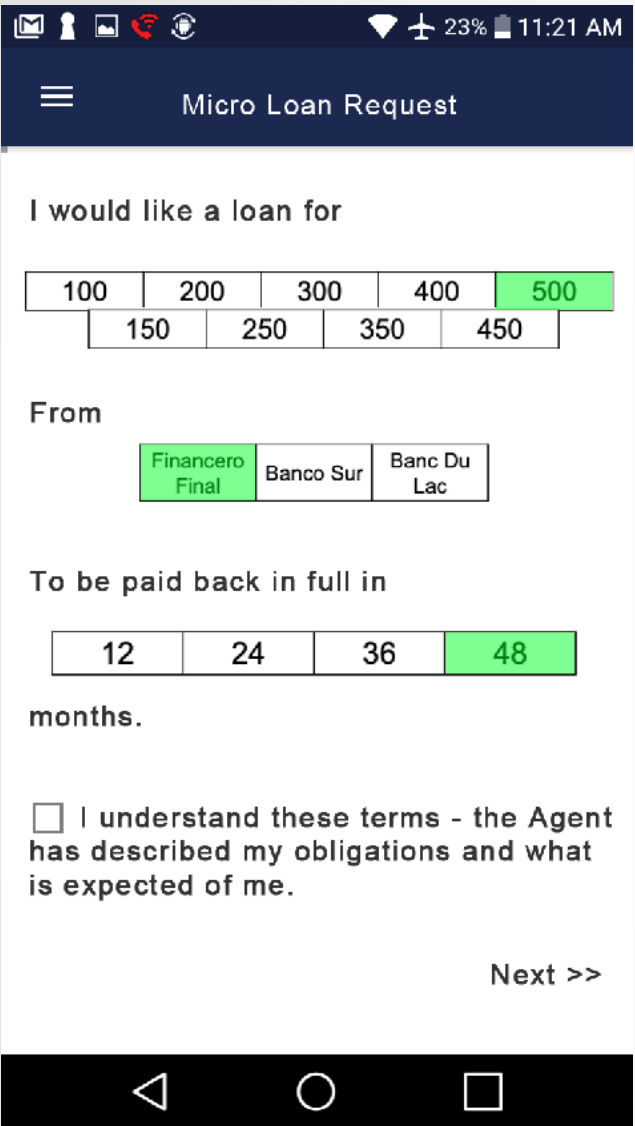
A. Integrate MFI web platform with Everest Portal API for user auth and token issuance
B. Integrate special MFI processes into Everest app for agents
C. Integrate with bank

Enhance existing systems with mobile + SaaS integrations

Loan application & signature via mobile app

1. Loan Request

2. Loan Confirmation

3. Biometric Signature

4. Success Dialog

Application in mobile app. Biometric signature

Loan Request Administration

1. Loan Request Queue Screen

2. Requestor Detail Review

3. Requestor Identification Review
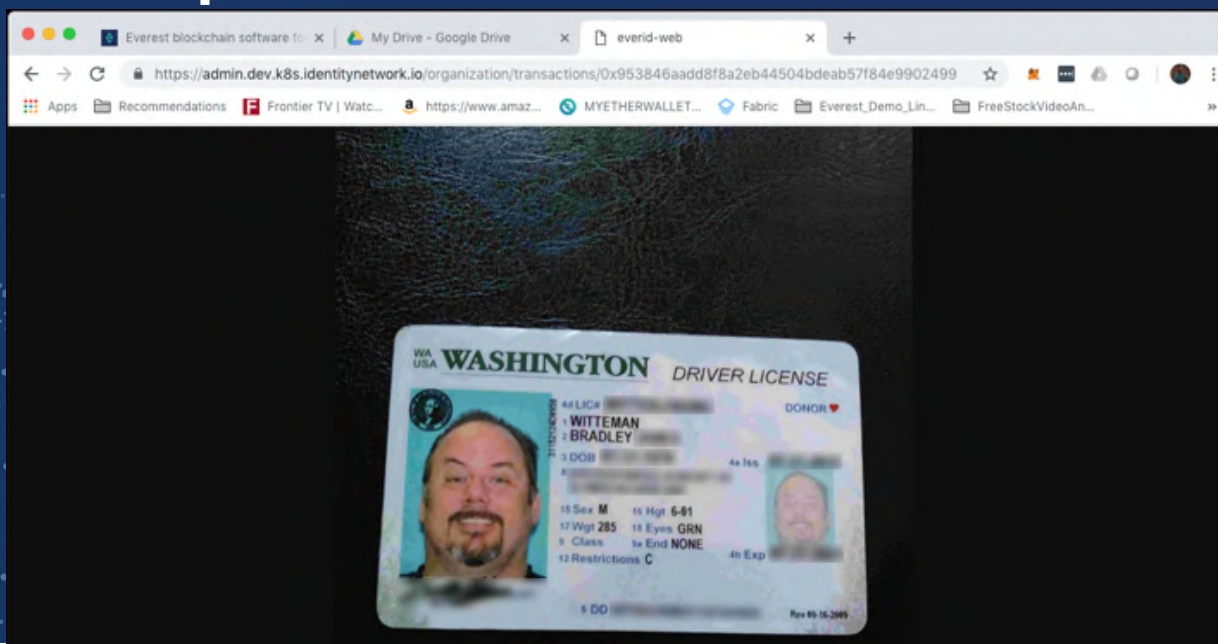
4. Administrator Approval / Denial Screen

Loan Notification & Acceptance

1. Loan Notification
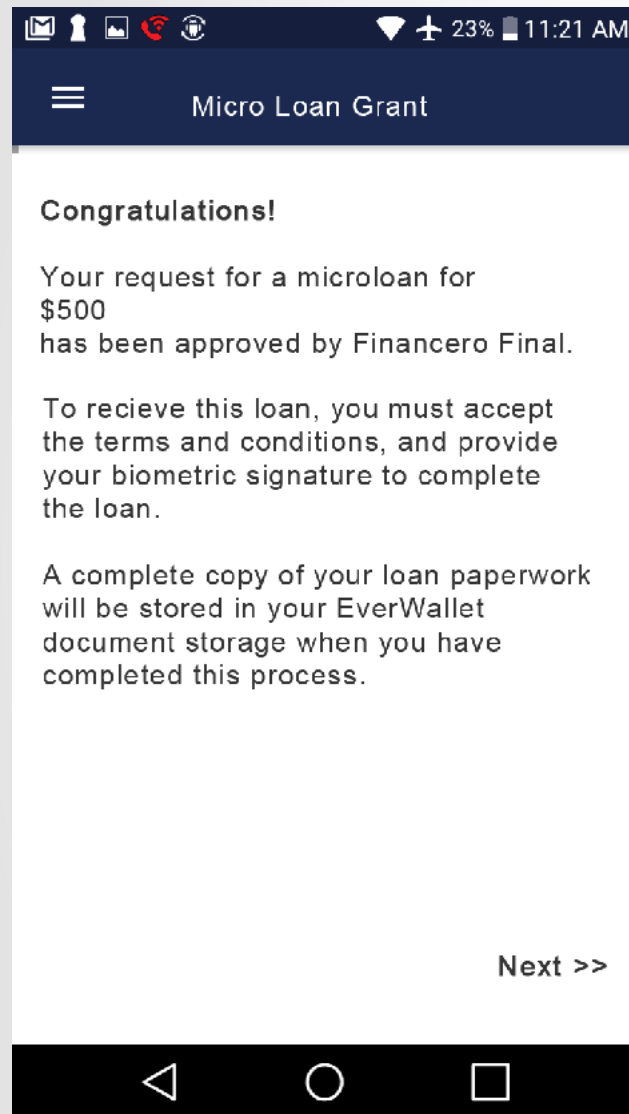
2. Terms & Conditions
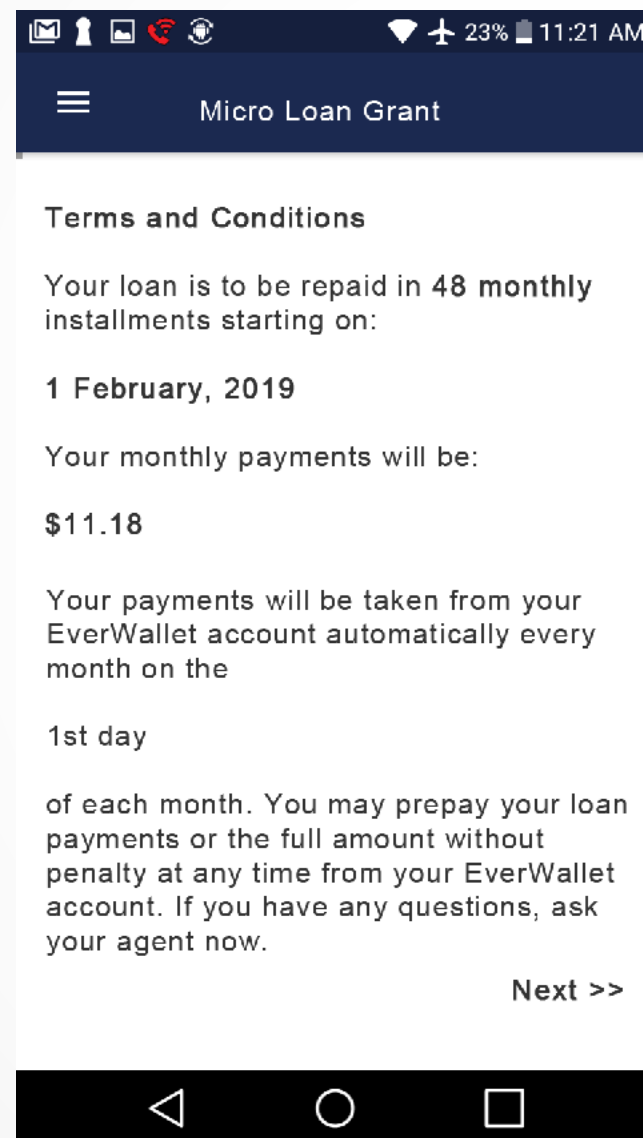
3. Biometric Signature
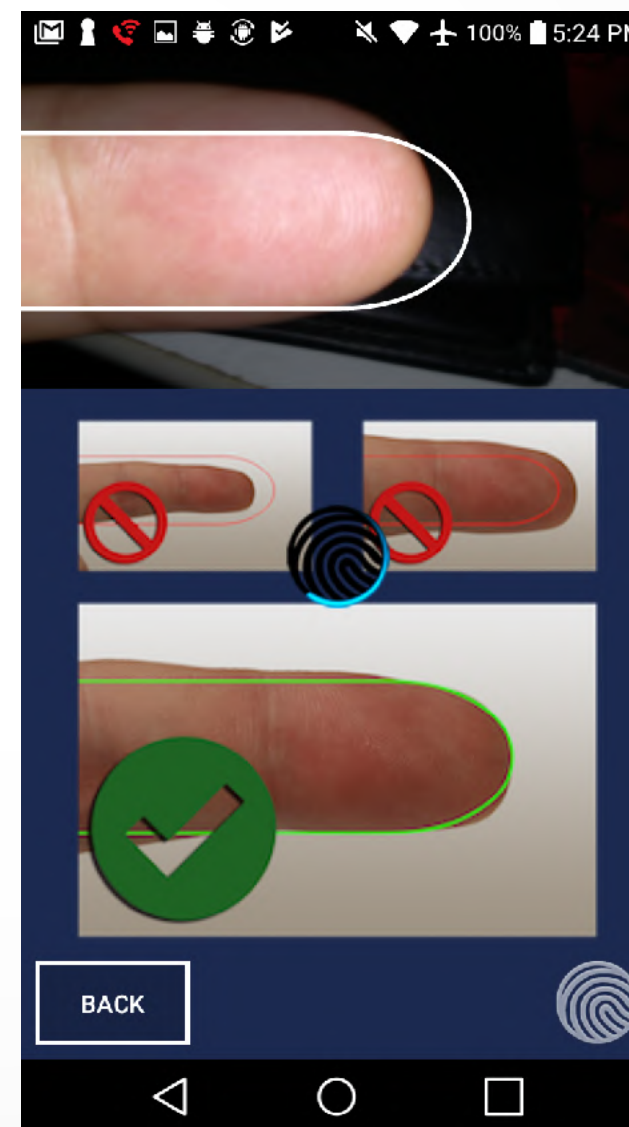
4. Loan Deposit
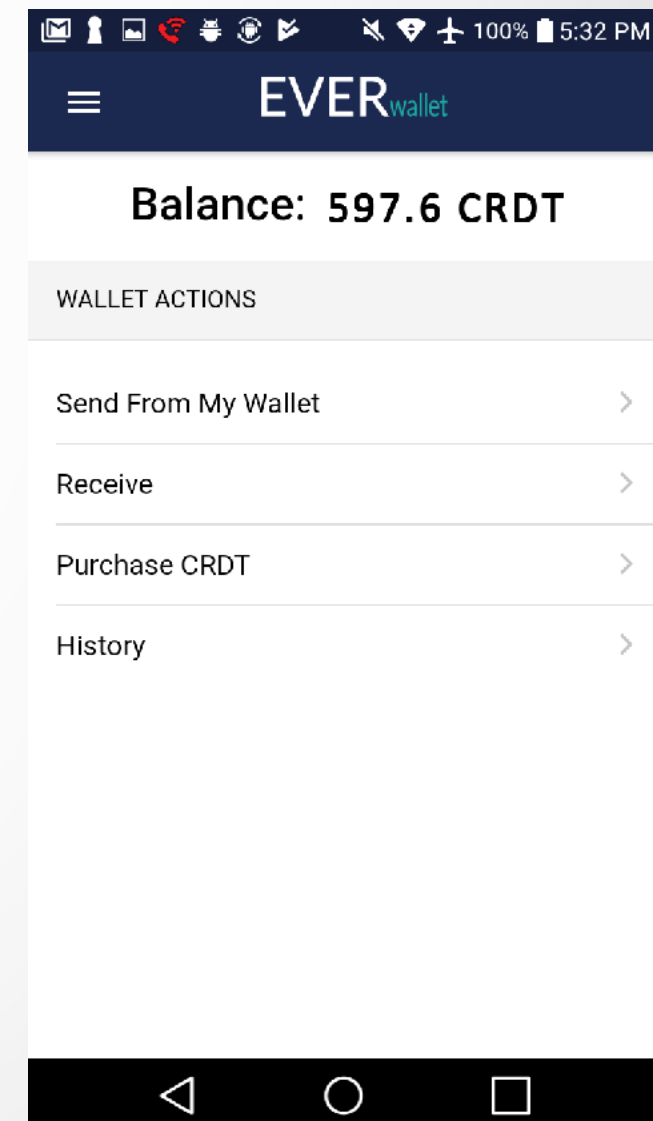
When approved the user is able to accept and biometrically sign the loan documents

eGov: ID + Account + Service Layer

Community Database
Local Resources

Education Agency
Education grant

Health Agency
Health insurance

Village Support
Conditional cash transfer

Energy Agency
Energy subsidy

Food Subsidy Agency
Rice subsidy

Everest API data-exchange: existing databases confirm data; user-centric identity

- **Inter-agency data sharing with permissions**

- **Data is able to be sent back to integrated databases so agencies maintain their independence**

Everest API

- **Gain new insights with access to complete and up-to-date information**

- **Enforces access restrictions while providing a complete and transparent audit trail for all transactions**
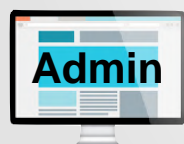
Admin

Admin Console

Everest Admin Console: deliver services, money, documents, authorizations, etc. via smart-contracts to verified biometric identities. All transactions are cryptographically recorded

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Data Exchange Layer for multiple agencies to cooperate

Cash Transfer for NGO

EVEREST

Admin

Admin Console

Organization's Administrator

3) User goes to Any bank/fi/psp with prepaid voucher

RECIPIENT

WALLET

INR, food, mobile data, bills paid

3a) From Admin portal,
NGO sends pre-paid voucher of XXX amount to people in India and Iraq

Mercy Corps EverID + EverWallet

1) From Admin Portal, NGO's Org ID + Org Wallet creates list of users, manages accounts and deposits money with Everest or settlement account

EVEREST

BANK

Merchant   **Bank**

Funds Available?

Yes

2) Euro or USD deposited into Everest bank account, then exchanged into any fiat or crypto currency

3b) Everest sweeps money into settlement account

Everest settlement Account

IQD, INR or any currency

🟣 *eMoney w/ conditions, vouchers*

- - - ▶ *Messaging*

──▶ *Fiat currency*

NGOs transfer conditional money anywhere with 100% verification

Advisors

Wilson Choi
Founder FundV & Beam Capital

Investor in 4 exchanges, including Quoine, EXX, SuperCoin & others. ex-HSBC derivatives dealer

Dr. Virgil Griffith
Ethereum Foundation
Co-author of Casper

CTO, Backbone Technologies, OnionLink Santa Fe Institute Lead Dev, Toroken cryptocurrency CalTech

Jordan Greenhall
Founder
& CEO Neurohacker

Founder & CEO of DivX, SVP of MP3.com, Santa Fe Institute, Harvard Law

Chris Willson
Founder Water and Healthcare Foundation
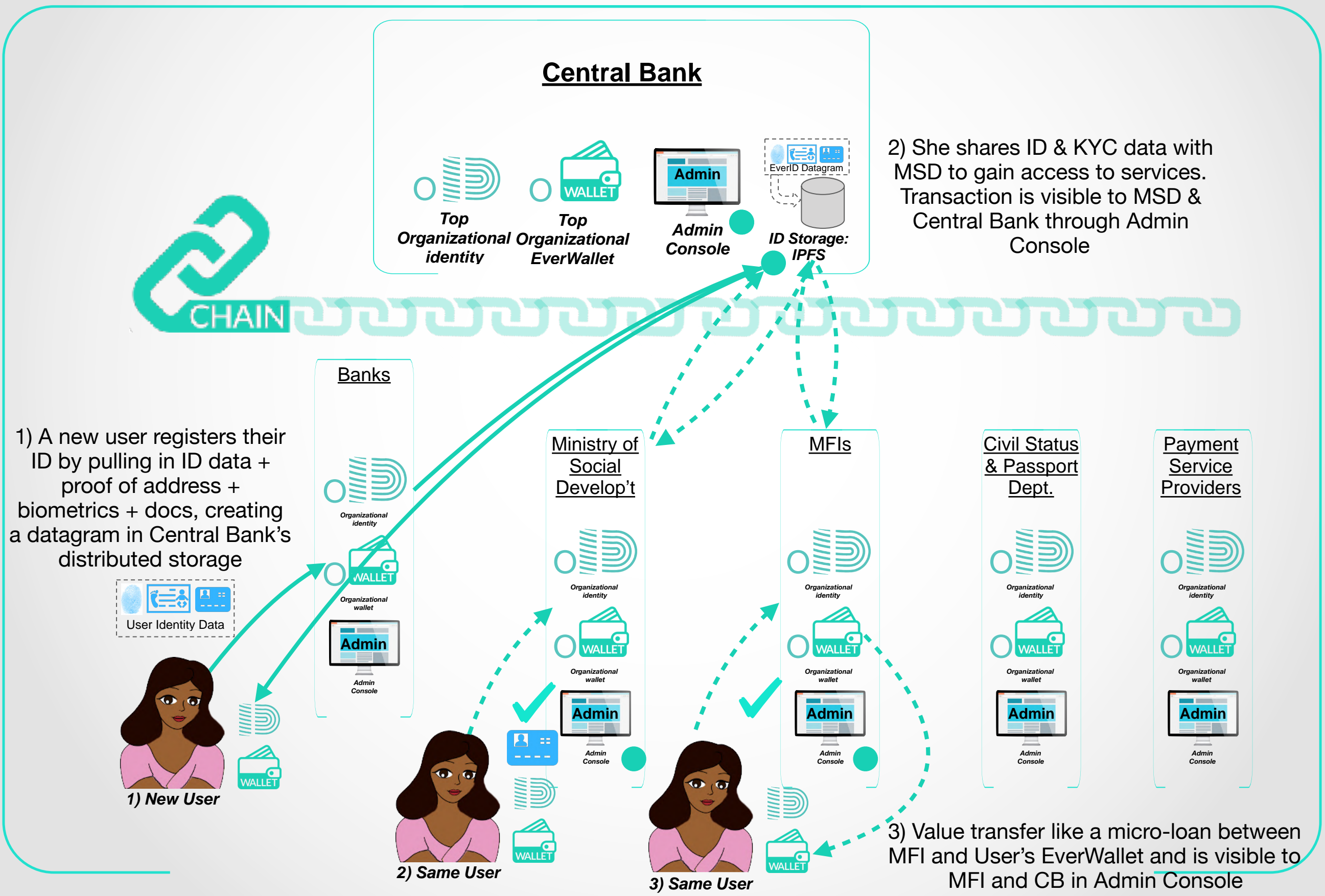
Specialties: Cambodia, strategic alliances, philanthropy, water and health related social enterprise

Greg Horowitt
Venture Capitalist
T2 Venture

Global Connect at UCSD, Stanford Berkshire Hathaway, Innovation Ecosystem Architect, Author of "The Rainforest"

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User ID is Created Once Then Shared

Central Bank

Top Organizational identity

Top Organizational EverWallet

Admin

Admin Console

EverID Datagram

ID Storage: IPFS

2) She shares ID & KYC data with MSD to gain access to services. Transaction is visible to MSD & Central Bank through Admin Console

CHAIN

Banks

1) A new user registers their ID by pulling in ID data + proof of address + biometrics + docs, creating a datagram in Central Bank's distributed storage

Organizational identity

WALLET

Organizational wallet

Admin

Admin Console

User Identity Data

1) New User

Ministry of Social Develop't

Organizational identity

WALLET

Organizational wallet

Admin

Admin Console

2) Same User

MFIs

Organizational identity

WALLET

Organizational wallet

Admin

Admin Console

3) Same User

Civil Status & Passport Dept.

Organizational identity

WALLET

Organizational wallet

Admin

Admin Console

Payment Service Providers

Organizational identity

WALLET

Organizational wallet

Admin

Admin Console

3) Value transfer like a micro-loan between MFI and User's EverWallet and is visible to MFI and CB in Admin Console
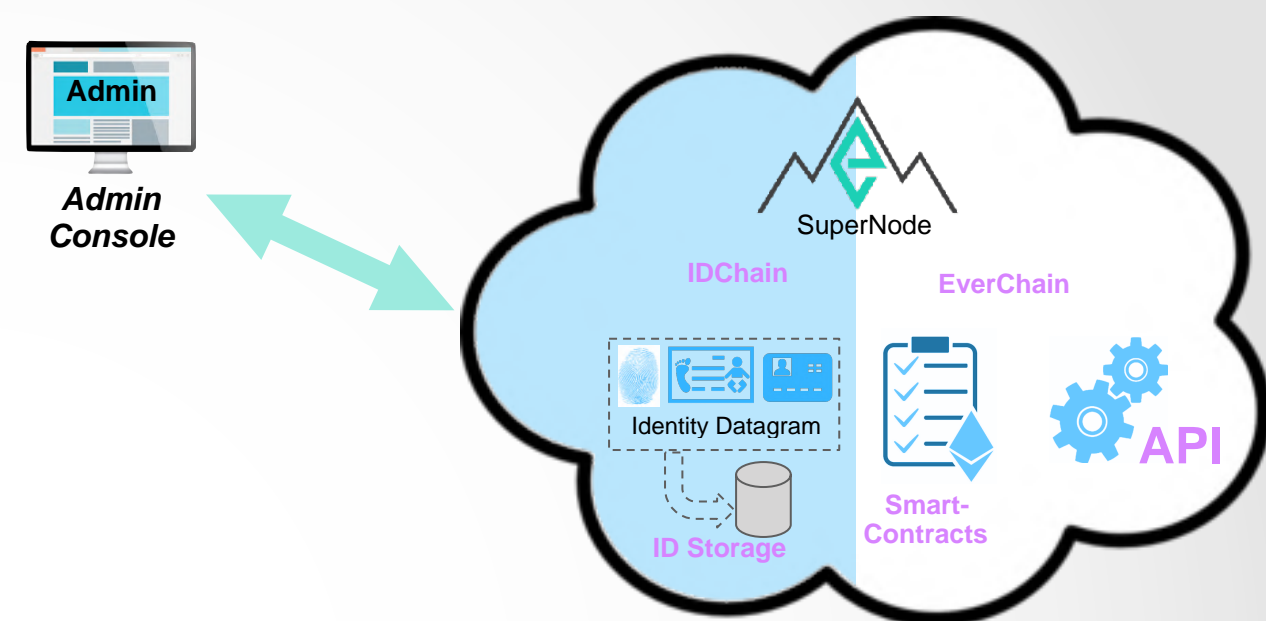
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Enhanced Due Diligence

EDD is recommended when customers identified through the customer risk rating process as presenting higher risk money laundering and/or terrorist financing attributes.
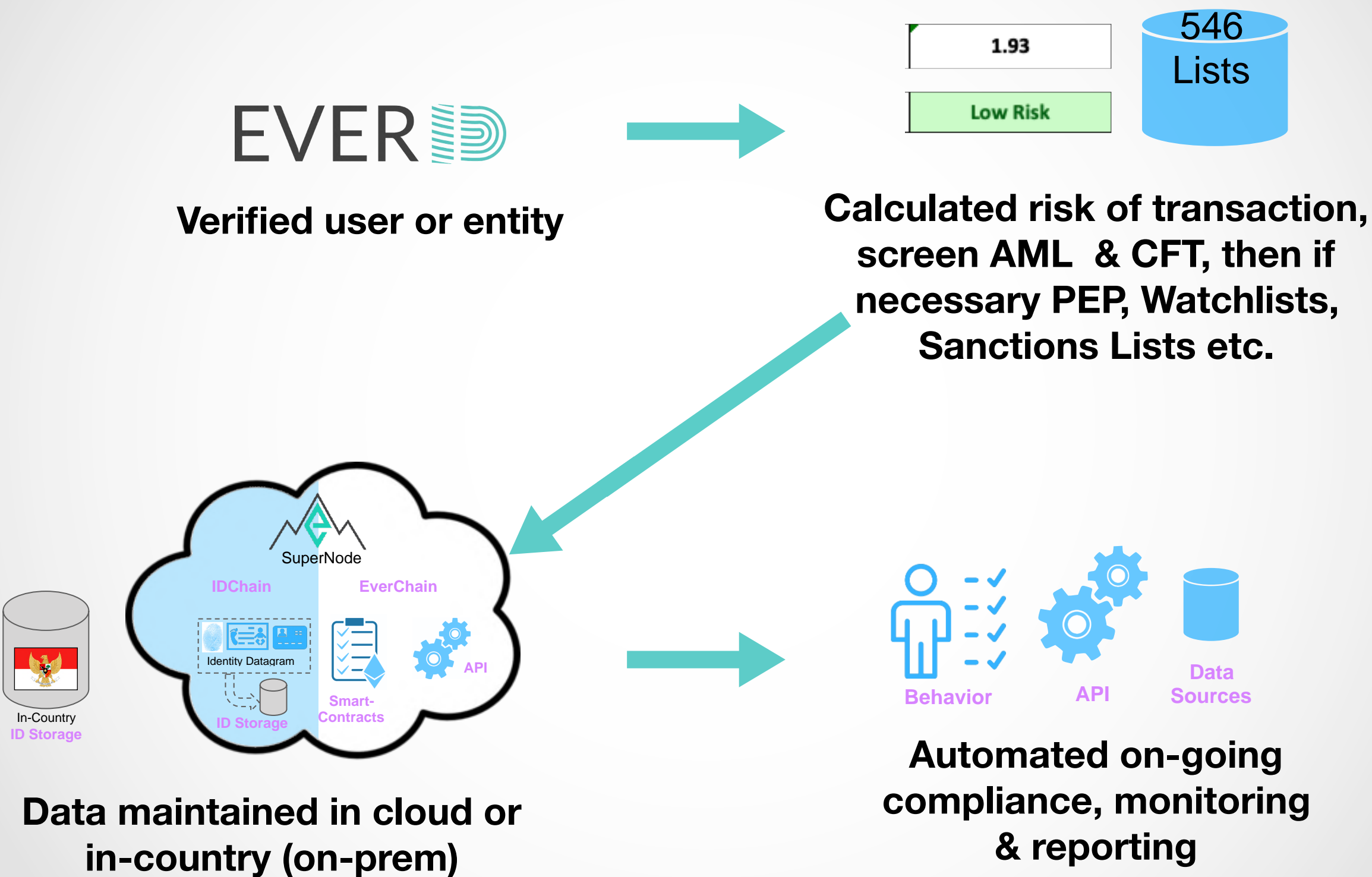

Everest applies more robust due diligence processes including:
- Negative news and media searches
- PEP assessment
- Additional documentation gathering
- Source of funds evidence
- Source of wealth evidence
- Higher frequency of periodic review on customer information and activityDue diligence on controlling persons or related parties (e.g. lower threshold on definition of controlling parties)
- Required review by Partner Compliance Officer — and Signoff by senior management on the reviewed activity

EDD includes additional information being reviewed and recorded by Agent, and Compliance officer

CDD with Everest Recap

Verified user or entity

1.93
Low Risk

546 Lists

Calculated risk of transaction, screen AML & CFT, then if necessary PEP, Watchlists, Sanctions Lists etc.

SuperNode

IDChain

EverChain

Identity Datagram

Smart-Contracts

API

ID Storage

In-Country ID Storage

Data maintained in cloud or in-country (on-prem)

Behavior   API   Data Sources

Automated on-going compliance, monitoring & reporting

Everest delivers a fully automated CDD system