



Digital Infrastructure  
“social contracts into smart contracts”

# Profile

Tech Network & protocol for billions of transactions in near real-time, with biometric security for under \$0.01 + smart contract platform

- Banking & eGovernment applications = send money to verified users
- Biometrics “on chain” = reach to all 7+ billion humans, **no device required**
- 2 patents pending

## Status

- Prototype built & demonstrable
- Product-to-Market fit validated with large customers & market is **HUGE**
- 3+ million users to be on-boarded. User acquisition subsidized and scalable

## Team

- Seasoned: ex-BitTorrent, Ethereum, World Bank, IA Dev Bank, Kraken

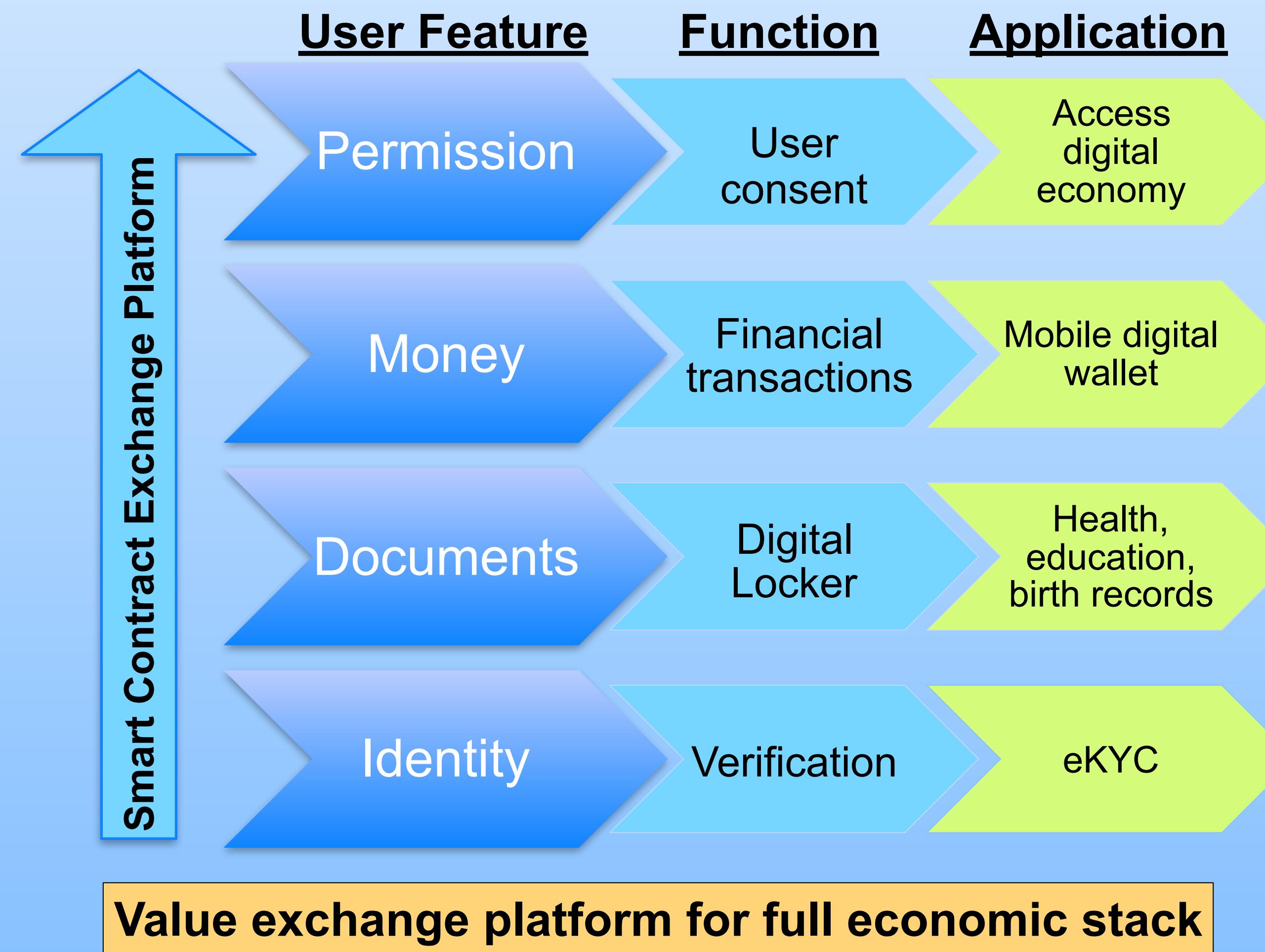
## Target Market

- Sending money & managing ID for NGOs, Governments, Banks, large orgs
- Emerging markets



# FULL PLATFORM FOR “ECONOMIC STACK”

**Rebuild 20% of global economy for those living in poverty & without access to services or technology**



# IDENTITY IS FOUNDATIONAL FOR COMMERCE

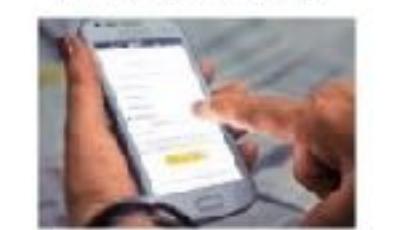
## All economic activity is based upon identity verification

- Value is exchanged based on trust - relationships, banks, contracts, etc.
- Trust is based on “verifying” identity
- Identity is broken for 50% of the global population (e.g. 1+ billion no ID; 1.6 billion no bank account), which makes up \$20 trillion of the world economy

## EverID fixes problems

- Biometric-based wallets
- 100% verification & No device required
- Smart contracts
- Stable currency

...India Identity = Aadhaar IDs + eKYC Improving Foundational Access to Broad Services

Sim Card Activation	Bank Account & Digital Wallet Opening	Pensions & Social Services
<p><b>Before Digital ID = 1-3 Days</b> Proof of Address / original photo IDs / attested photocopies + potential fraud...</p> 	<p><b>Before Digital ID =</b> Physical visit to bank, paper-based KYC, lack of ability to scale, improper documentation</p> 	<p><b>Before Digital ID =</b> Cash-based / leakage of payments to government officials / corruption / fraud</p> 
<p><b>After-Digital ID = 15 Minutes</b> Aadhaar number + fingerprint / biometric eSign</p> 	<p><b>After-Digital ID =</b> Open account on mobile phone... in secure / scalable way</p> 	<p><b>After-Digital ID =</b> 12-15% increase in final payouts to workers owing to reduced leakage</p> 

KLEINER PERKINS

Sources: UIDAI (Indian Government), iSpirit / IndiaStack, Shook Group  
Note: Image credits - Hindu Business Line, NDTV, Reliance Jio, DBS India, Livemint (2017)

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Fixing identity = new economy



# PROBLEMS - SOLUTIONS

## Problems:

- A management & delivery platform that integrates “social-smart-contracts” for cash transfer, healthcare, gender equality, refugee, land & political rights
- 7+ billion humans need a digital wallet (only 2.1 billion have smartphone)
- Cost-effective digital identity registration & verification

## Solution:

- Management portal + smart contracts + tokenized money
- ID registration via app for biometric + govt. ID + 3rd party attestation. No mobile device required: Cloud wallet & document storage
- Self-funding, secure network. Overseen by Foundation

Digital ID w/ biometrics + Service management platform



# HOW EVERID WORKS



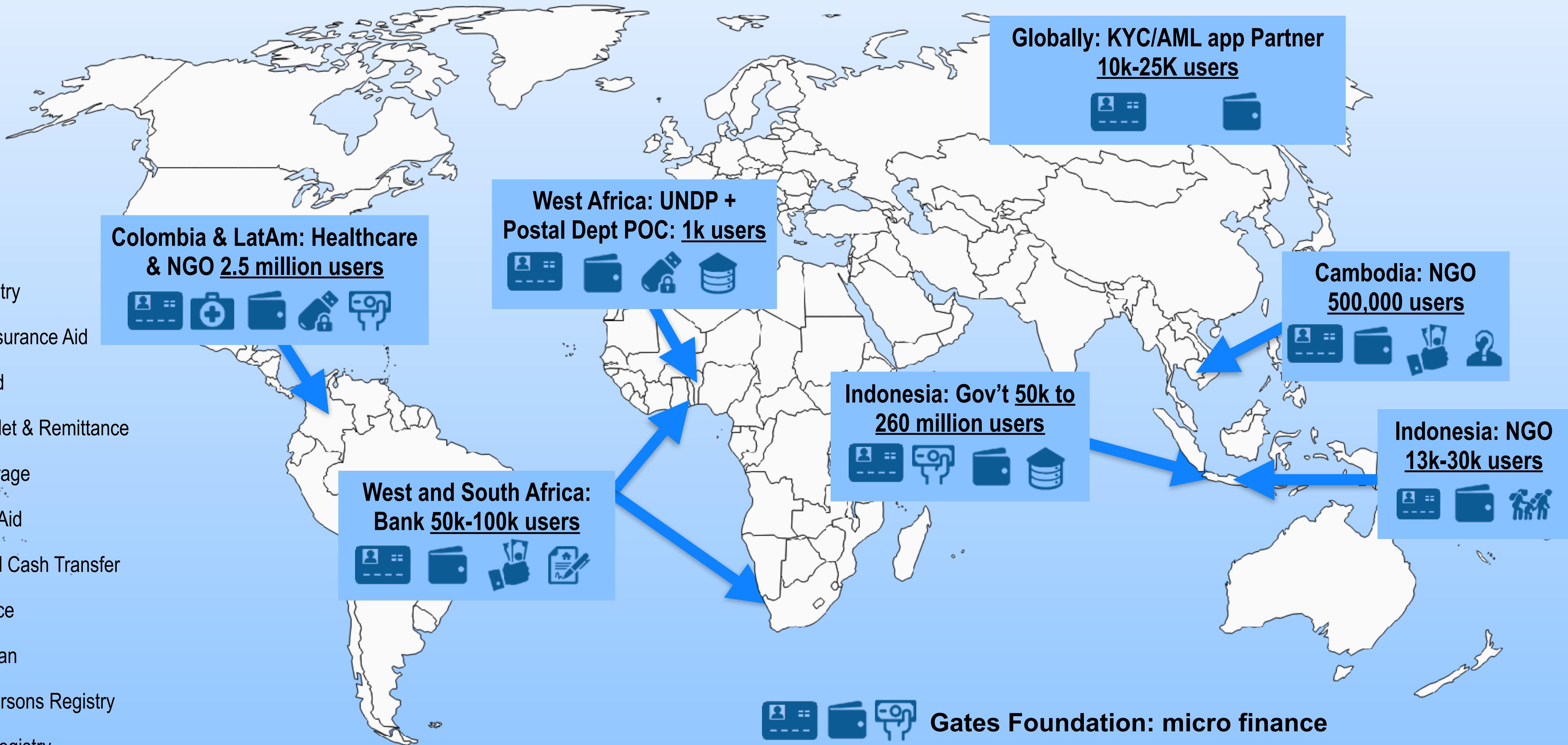
<https://youtu.be/0ah3t0ay6ls>

Increased capabilities of smartphone = biometric scanning possible for mass market

# TRACTION: 3+ Million in 2018



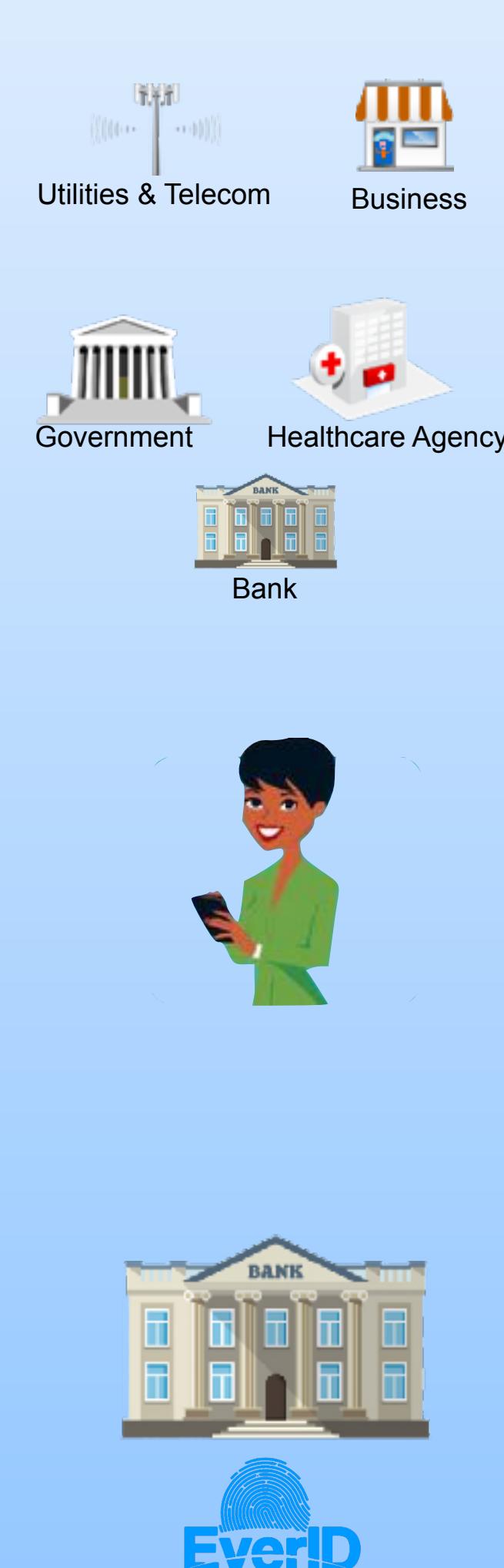
- Digital ID
- Birth Registry
- Medical Insurance Aid
- Medical Aid
- Digital Wallet & Remittance
- Digital Storage
- Education Aid
- Conditional Cash Transfer
- Microfinance
- Payday Loan
- Missing Persons Registry
- Refugee Registry
- Land Title Registry
- Unified Data set



**Growing to meet demand**

- Gates Foundation: micro finance
- UN Women: discussion of POCs
- World Food Program: co-designing

# NATURAL EXCHANGES BETWEEN INSTITUTIONS & USERS



## Businesses, Govts., NGOs, Banks, Hospitals

registration & verification of IDs; qualified users; transfer money; store & manage docs; ID mgmt

## Participants

Remittances, P2P payments

## EverID

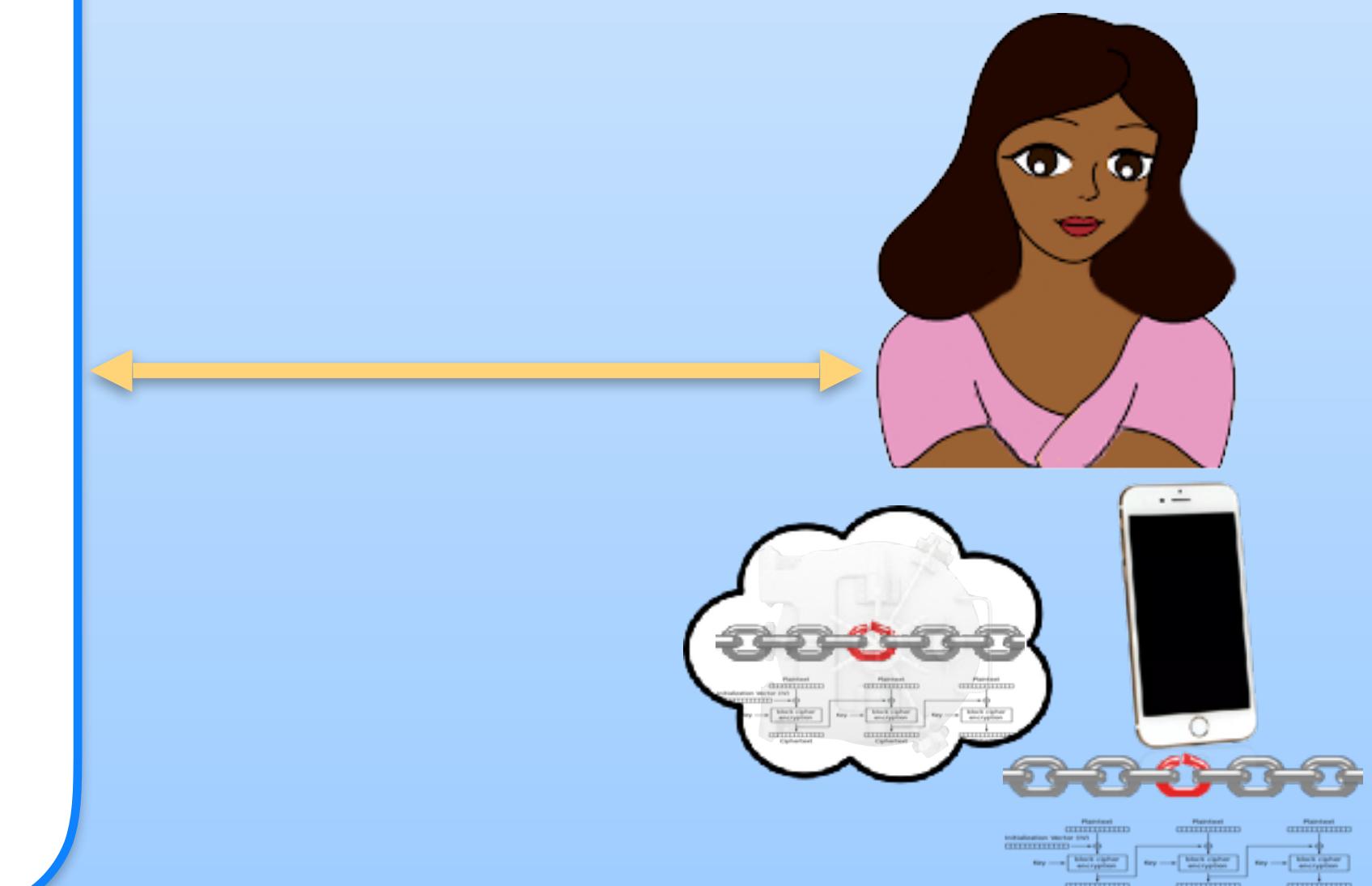
Direct micro financing or connecting users to financial service providers

## Transactions between User & Institutions

**EverID Platform**  
Exchange of identity data & any currency via smart contracts

Users give access to their ID in exchange for services, money, digital access

User's personal storage of identity, docs, permissions, transactions



Market exchange of user data with institutions + micro financing

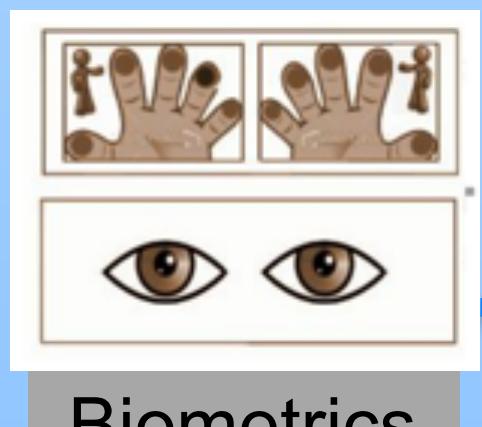


# DIGITAL IDENTITY REGISTRATION AND MANAGEMENT PLATFORM

## Registration

Give under-banked digital ID  
Verify users for Institutions

Name  
Age / Date of Birth  
Gender  
Family Members  
Address  
Employer  
Social Networks  
Gov't ID



Biometrics

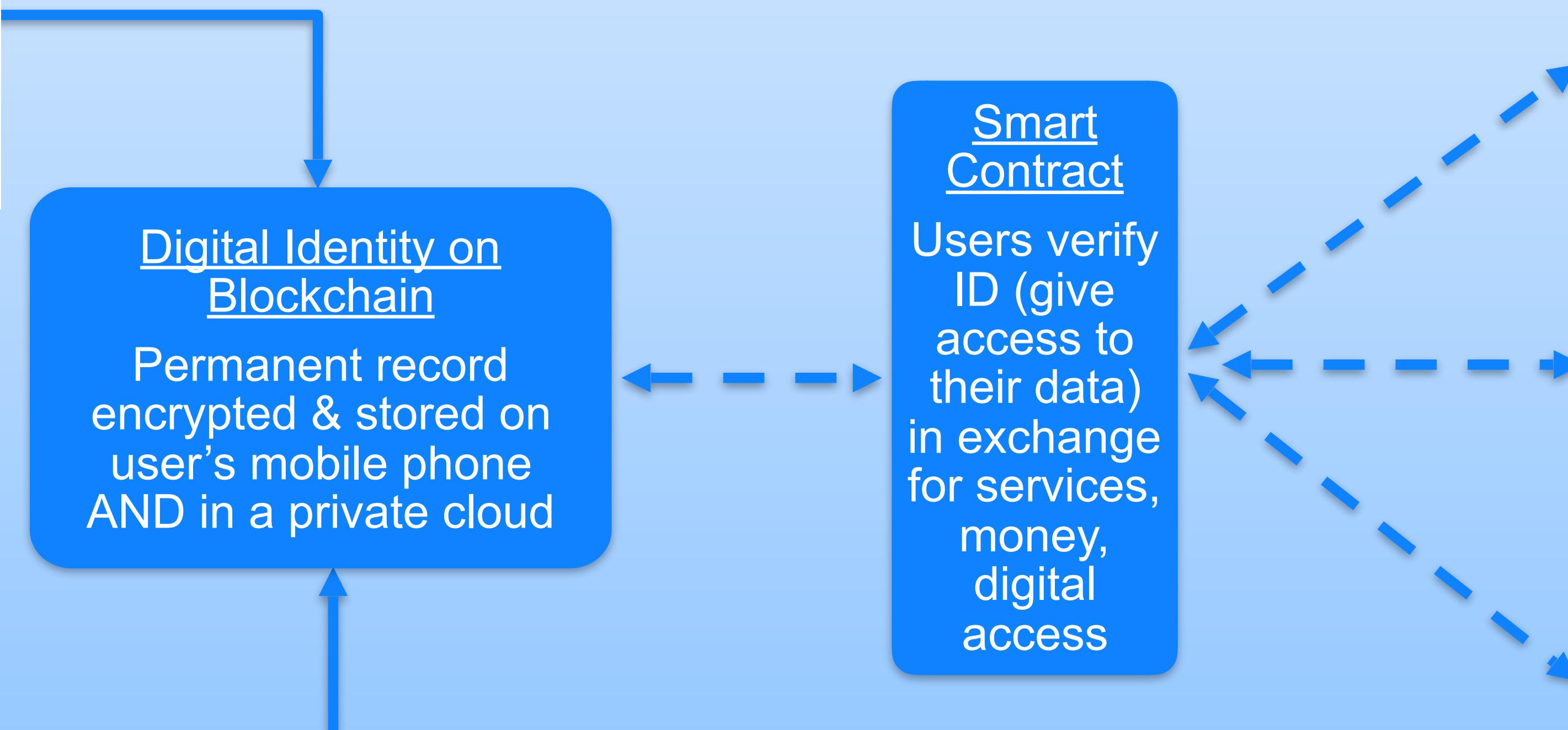
## Management

Platform for institutions  
to deliver services,  
money & digital access

Banks  
banking, credit,  
e-commerce,  
p2p

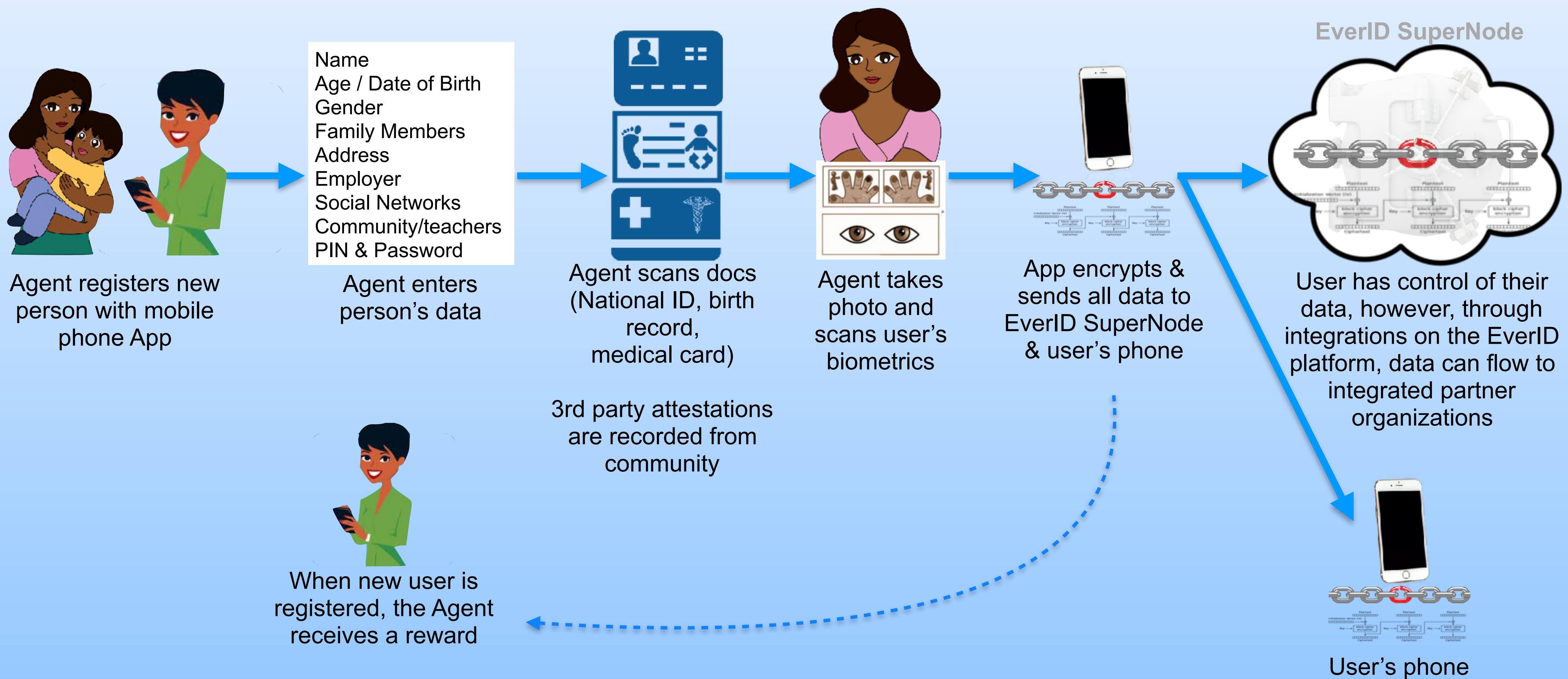
Govt. & NGOs  
health, safety,  
education,  
housing, food

Telcos  
Mobile wallet,  
digital access,  
markets



**REGISTER new identities and MANAGE services, money, documents**

# REGISTRATION: AGENTS OR SELF



Agents incentivized to register correctly

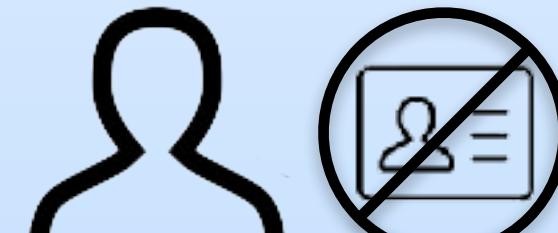


# DELIVER SERVICES TO NEW OR EXISTING USERS



Existing user  
in Org/nation  
database

**Existing Identities**  
registered in EverID:  
Unified info, trackable,  
definitive



New User

**Education Agency**  
Education stipend



**Health Agency**  
Health insurance



**Village Support Agency**  
Conditional cash transfer



**Energy Agency**  
Energy subsidy for the poor



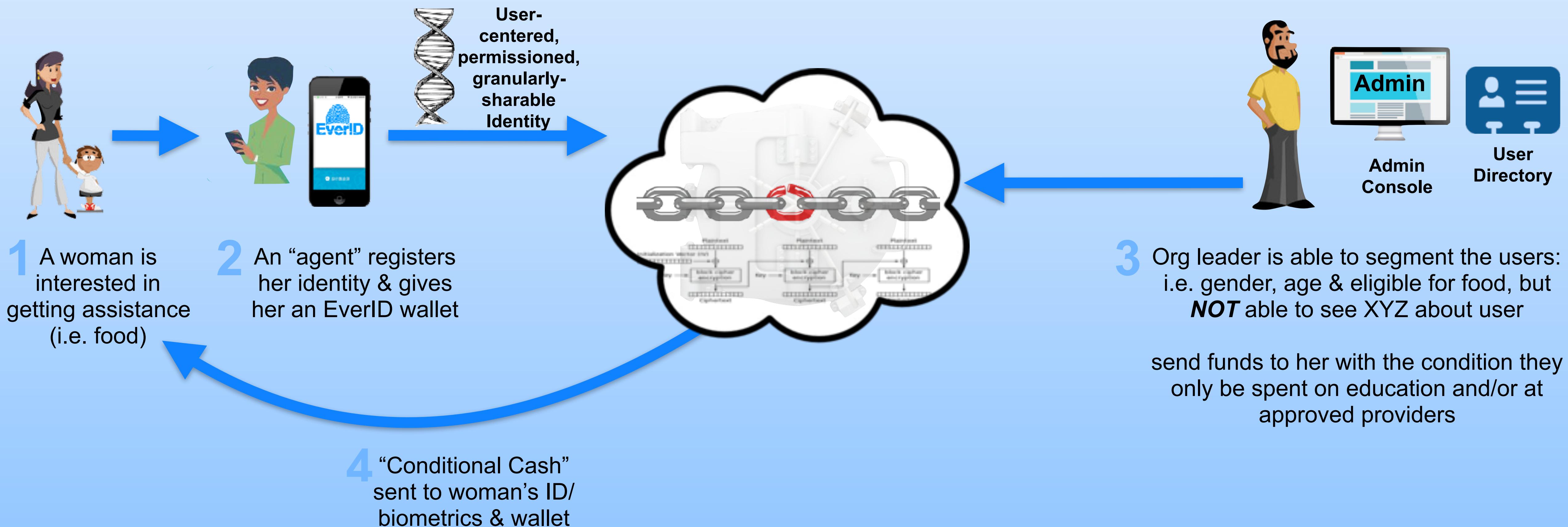
**Food Subsidy Agency**  
Rice subsidy for the poor



**Register new users or integrate existing users.  
Deliver \$\$ and services via smart contracts**



# SERVICE DELIVERY



Manage service & cash delivery to users over EverID smart contract platform

# EVERID ADMIN CONSOLE – OVERVIEW

**EverID** Administrative Console

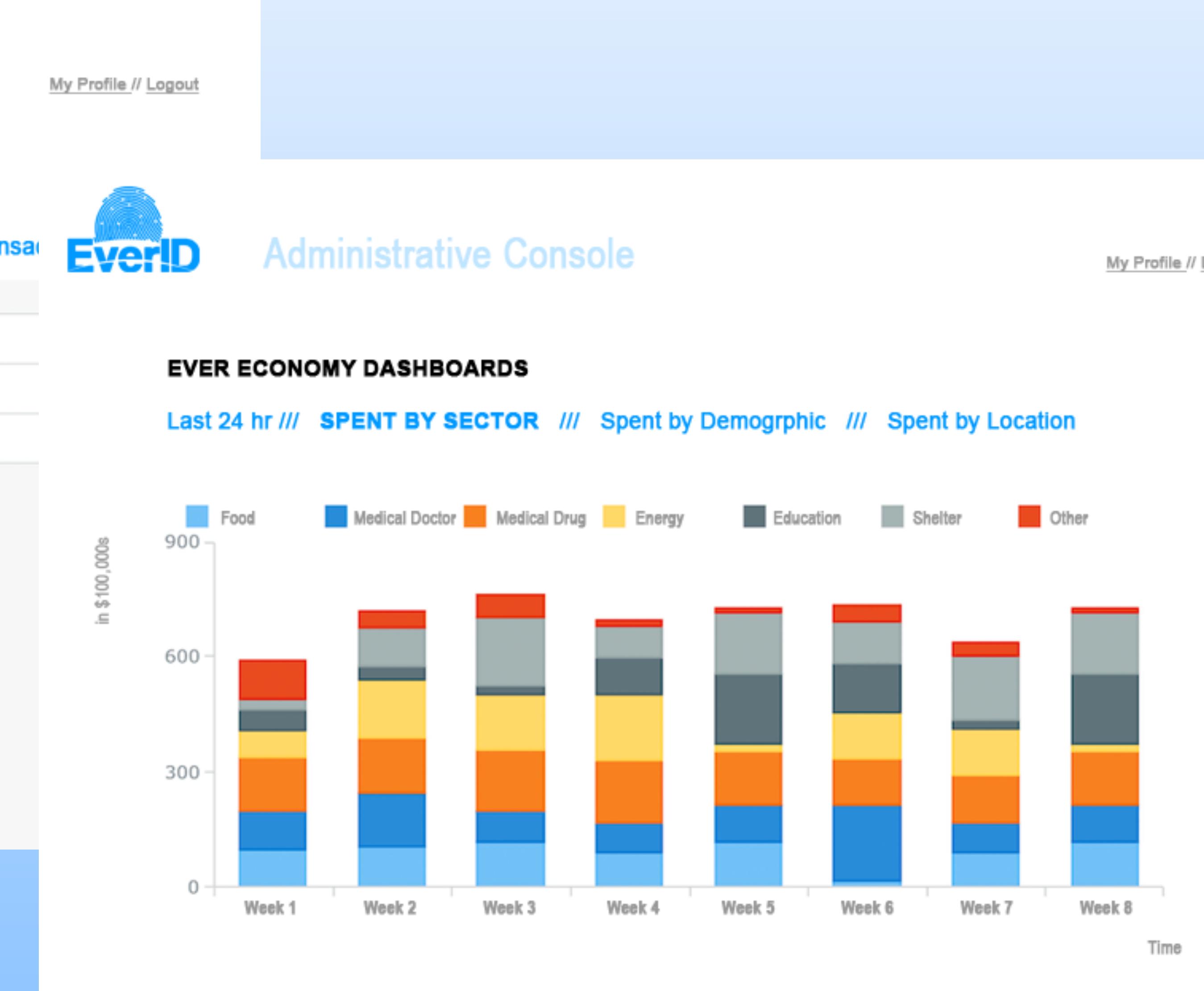
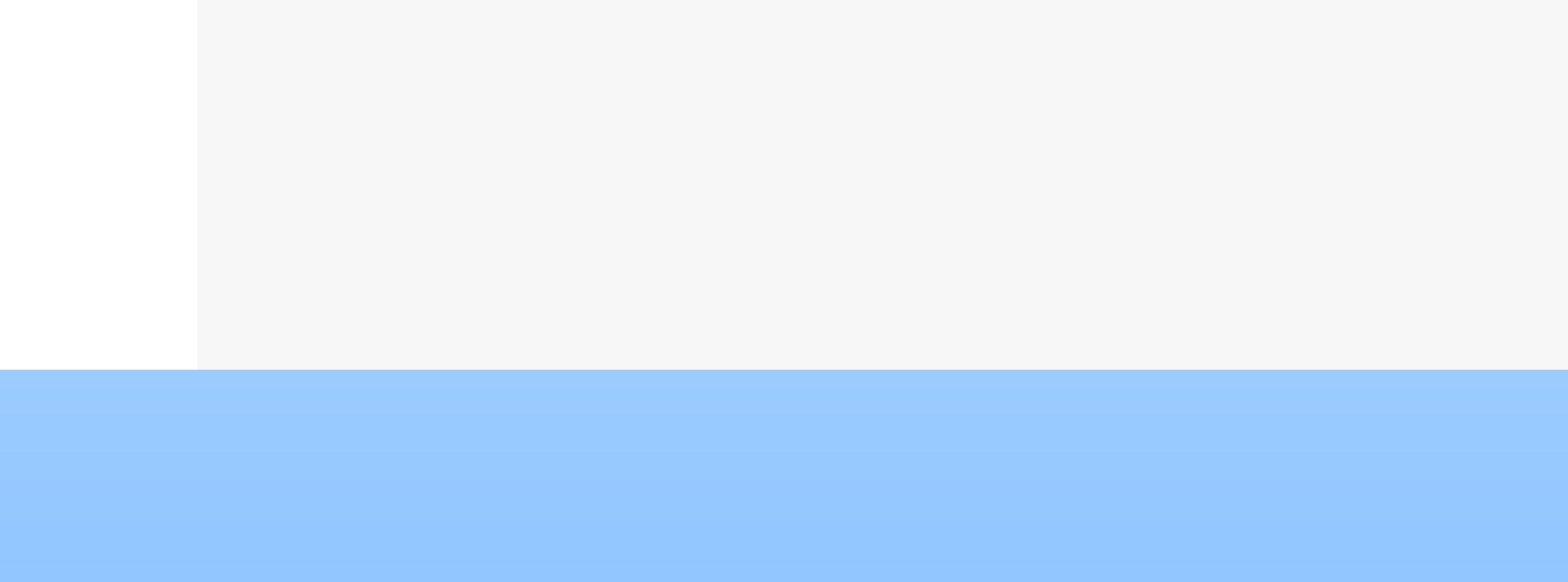
[My Profile // Logout](#)

### USER COHORT TRANSACTIONS

Create Cohort // CHOOSE EXISTING COHORT // Open Transactions // Transaction History

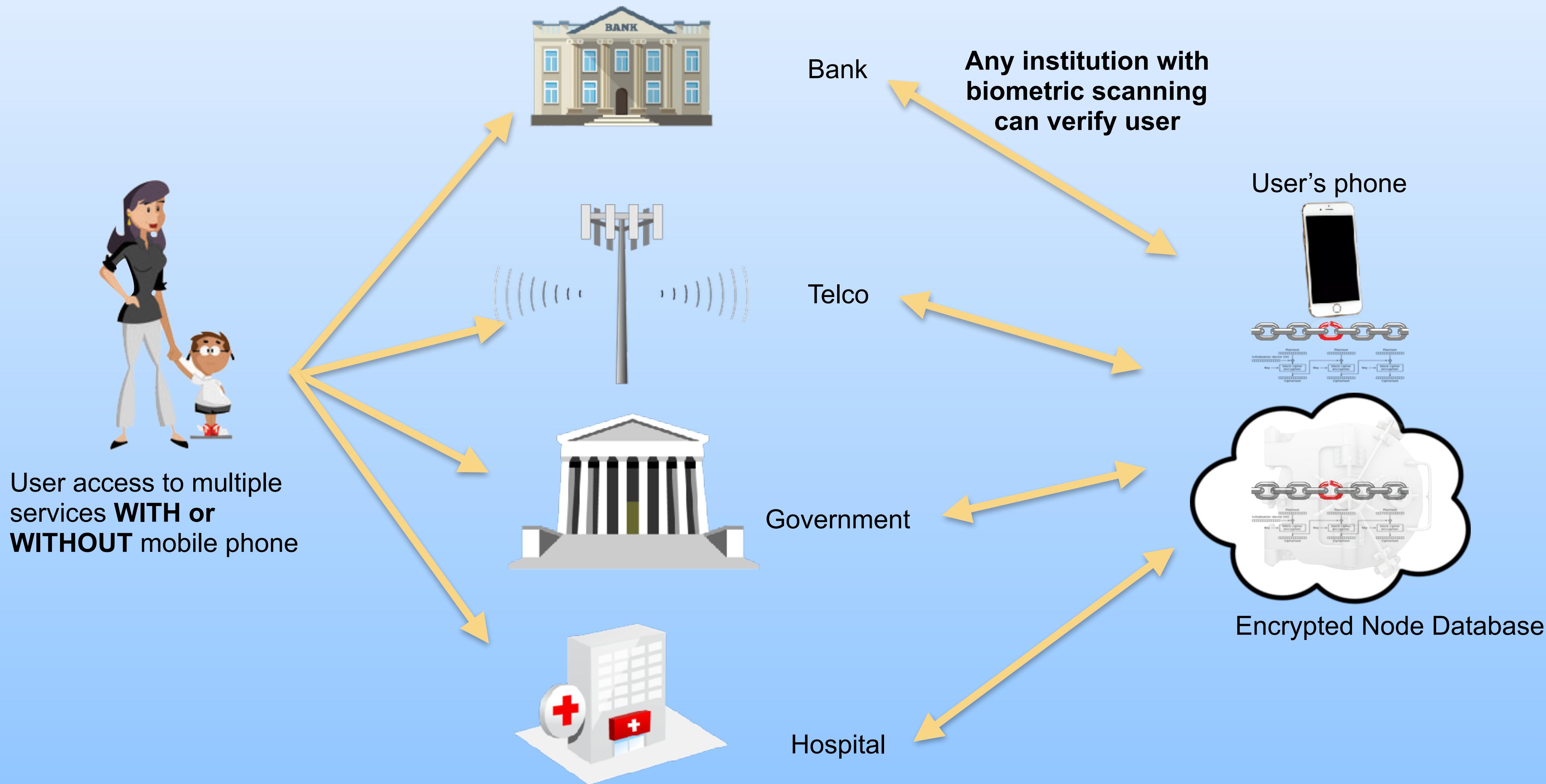
**Partner > Country**

Unassigned	Aceh	Need Energy Aid
Burundi	East Kalimantan	Need Food Aid
<b>Indonesia</b>	South Kalimantan	Need Medical Aid
Myanmar	South Sulawesi	
Philippines	West Java	



Systemic view in real-time. Encrypted transaction with full transparency

# NO PHONE REQUIRED

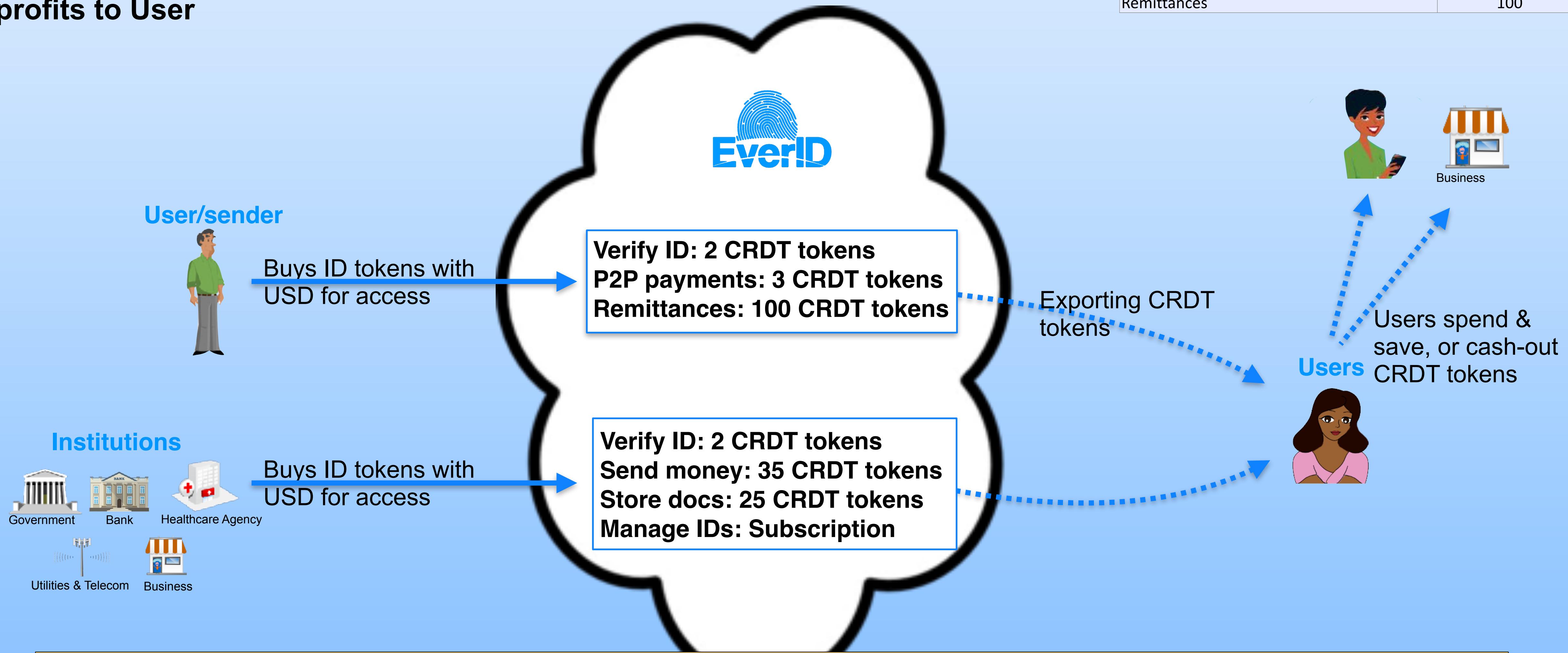


User access to multiple services **With or WITHOUT** mobile phone or card

# TOKEN & CRDT ECONOMY

- Institutions/senders buy ID tokens to access network
- EverID converts USD into CRDT credits to drive ecosystem
- Each transaction carries a smart-contract to give a % of profits to User

Service	CRDTs Required
ID verification	2
P2P Payments	3
Doc Mgmt (assume 25MB per user; annual)	25
B2C Money Transfer	35
Remittances	100



As higher value services & more users are added, additional tokens are required = bigger economy

# FINANCIAL MODEL

Example: 83M users

Service	CRDT Tokens	Price	Revenue per Year
ID verification (50% of users per month)	2	\$0.02	\$10,080,000
P2P Payments (50% of users per month)	3	\$0.03	\$15,120,000
Doc Mgmt (assume 25MB per user; 10% users annually)	25	\$0.25	\$1,250,000
B2C Money Transfer (4X per year)	35	\$0.35	\$14,000,000
Remittances (4X per year)	100	\$1.00	\$20,000,000
Affiliate (deliver 5M users to bank)		\$6.00	\$30,000,000
D2C micro financing (loan 3M @ \$8)		\$8.00	\$24,000,000
<b>Revenue Total</b>			<b>\$114,450,000</b>

## Comparables

Token	# of wallets	Value per Wallet	Market Cap, Jan. 1
BTC	10,000,000	\$23,112	\$231,117,873,457
ETH	1,500,000	\$50,009	\$75,013,826,250
Civic (CVC)	10,000	\$31,017	\$310,165,190
Humaniq (HMQ)	20,000	\$4,047	\$80,943,209
<b>EverID (EVE)</b>	<b>3,000,000</b>	<b>??</b>	<b>\$12 to \$150 billion</b>

Worldremit	
Users	2,000,000
Transactions	5,000,000
Revenue	\$50,000,000
<b>Valuation</b>	<b>\$642,000,000</b>

EverID registers & verifies IDs, plus monetizes cash/service delivery & financial transactions



# ECONOMY: CURRENCY + TOKEN

- **ID:** Utility token
  - Required utility for organizations to access the network Represents value of the networked economy
  - Token sale target May/June
  - 800 million total tokens
- **CRDT:** native currency, 1 ID = \$0.01
  - Orgs purchase & use CRDTs to conduct transactions
  - Stable currency in emerging markets
  - Incentivizes users with a percentage of earnings

Limited supply of ID. CRDT is on-network currency

# CAPITAL RAISE

- Prepare ID token offering
  - Add to team (Marketing, Community, SW, & Finance)
  - Legal entities (foundation + for-profit micro-financing, multi-jurisdiction), roadshow
- SW development
  - Scale nodes in various geos; Add additional document & biometrics; Integrate data sources
- Rollout and Partnerships
  - Asia, LatAm and Africa
  - On-board first 3+ million users
- **Raising up to \$2.0M**
- **50% discount to ICO**

[bob@everid.net](mailto:bob@everid.net)



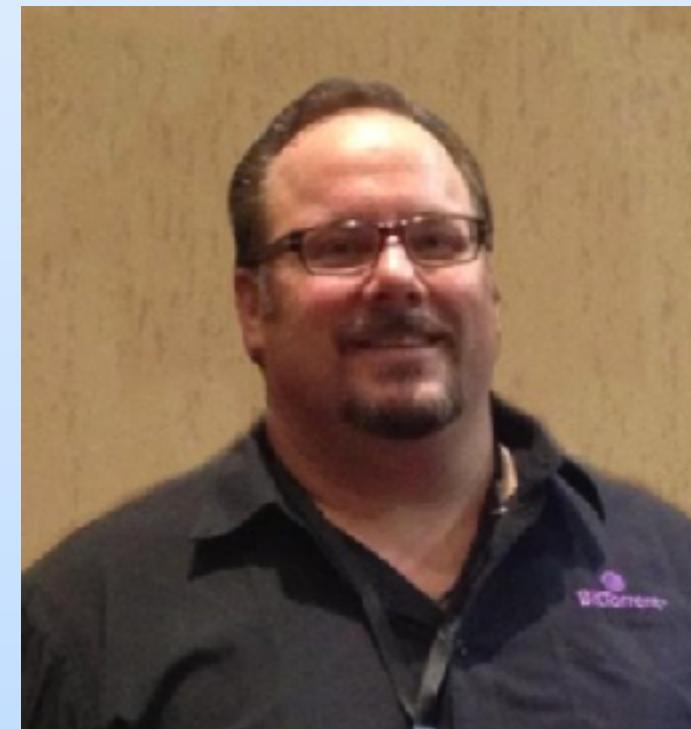
# Backup

# TEAM



Bob Reid  
CEO & Strategy

GM, **BitTorrent**  
Partner **Kai Labs**,  
CEO & Co-founder  
**VelocityBits**  
Strategy & Biz Dev  
**DivX**, CEO **Skyclix**  
Raised 10s of mms for  
multiple startups  
2 IPOs, 2 acquisitions



Brad Witteman  
CTO & Product

Head of Product,  
**BitTorrent &**  
**Emergent**  
Chief Product, **Moby**  
(blockchain DAPP for  
health records)  
Product, **DivX**, CTO  
**Skyclix**



Gautam Ramnath  
Partnerships

International  
consultant to **Gates Foundation**,  
Business  
Development at  
**Global Alliance for Improved Nutrition**,  
VP Ops at  
**Millennium Challenge**, Project  
Director at **US State Dept.**, Tunisia

Seasoned blockchain, impact, biz & tech team

# EVERID ADVISORS



**Alfred Watkins**

**Greg Horowitz**

**Amb. Jamal  
Khokhar**

**Aya Miyaguchi**

**Jonathan Schiff**

**Mike Kail**

**Dr. Virgil Griffith**

**Jordan Greenhall**

**Chairman of Global Summit, 23 year veteran of World Bank.** Serving on the Governing Council of the UN **Technology Bank for the Least Developed Countries (LDCs).**

**Venture Capitalist, ex-Berkshire, Innovation Ecosystem Architect**

President and CEO of the Institute of the Americas. Prior, **Ambassador to Brazil and Chief of Staff at the Inter-American Development Bank (IDB), innovative social impact partnerships with the private sector, NGOs, and private foundations**

**Executive Director, Ethereum Foundation, Co-founder Hotaru Managing Director, Kraken Founder Japan Blockchain Association**  
Co-founder, **Table For Two**, NPO to tackle poverty and obesity

**Venture Partner, WI Harper MD, Schiff Family Office Founder, Schiff Development Director, Lionrock Capital Hong Kong Serial Entrepreneur and Active Early Stage Investor**

**CTO & co-founder of Cybrick, CIO & VP of Infrastructure of Yahoo, VP of IT of Netflix.**  
25+ years of Technology Executive Leadership with specialties in security & network infrastructure. Cloud Architecture, Security,

**Ethereum Foundation Co-author of Casper, CTO, Backbone Technologies, OnionLink Santa Fe Institute Lead Dev, Toroken cryptocurrency CalTech**

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

**Operational & Thought leaders in security, blockchain, IGO/NGO, finance**

# DIFFERENTIATION: NETWORK + MANAGEMENT + ID + CURRENCY

Network must be scalable to trillions of transactions in near real-time, with heavy security + biometrics, under \$0.01/transaction. Data must be independent, neutral and user self-sovereignty

If you're an Organization (NGO, Govt., Bank, Telco, etc.) that wants to access 3+ billion people living in poverty, Base-of-Pyramid (BOP), you need the following:

- Management platform to send money via smart contracts to verified identities
- Biometrics unique to each individual & forms on-going part of identity
- Biometrics associated with real-world, legacy (a) govt. docs and/or (b) attestations
- Users have a “digital wallet” and document storage/mgmt.
- No requirement for users to have a smart phone
- Open API for all orgs in an economy

If you're an emerging market end-user, you need the following:

- Receive & earn money when institutions want to verify you, and send you money
- All data is under user control, privacy, self-sovereign = selectively share parts of oneself
- Wallet & docs “in the sky”, not tied to a smart phone

Stable currency & micro financing drives adoption by compensating users

- Institutions that want access to users data pay a fee, which is shared with users
- Stable currency drives more adoption, especially in emerging markets

# DIFFERENTIATION: NETWORK + MANAGEMENT + ID + CURRENCY

  Scale of Network

  Platform Management

  Identity Sources

  User & Currency

	Network + Protocol: scalable & neutral	Self-sovereign	Govts, Banks, NGOs, Orgs Send money to users	Smart Contract platform: orgs + users, any value exchange	Biometrics form core of identity	Validated or Govt. ID integrated	3rd party Attestation (non-govt. accounts)	Stable Currency	Does NOT require user to have a phone	Selective Sharing	Wallet	Document storage & mgmt.
EverID	X	X	X	X	X	X	X	X	X	X	X	X
Hyperledger / Sovrin	/	X					X			X		
Civic						X	X			X		
uPort		X					X			X		
Humaniq		/									X	
MSFT/Accenture			X						X		X	

# DIFFERENTIATION

Tokenized

<p><u>DApps (user data on-device ONLY):</u> Civic, Humaniq, Blockstack, uPort</p> 		<p><b>Only solution to put biometrics “on-chain” AND create economic incentives</b></p>
<p>Hyperledger, Evernym, Accenture, Banqu</p> 	<p><u>Nations w/ eID:</u> India/Aadhaar, Indonesia/eKTP, Canada (only one “on-chain”)</p>	

Non-Tokenized

Biometric access/  
unlock wallet

Biometrics “on-chain”, on-device & part of identity profile

- Biometrics “on-chain” = reach 7+ billion humans
- Personal storage = doc mgmt. (medical records, land titles, etc.)
- Independent agents sign up users = “uber-ify” ID registration
- Tokenized and stable currency = economic incentives to join & participate



# FOUNDATION FOR IDENTITY NETWORK

## Principles:

- No one owns the network
- No one can shut it down
- Change to code is “multi-signatory” & open
- Observers can view all network transactions
- Must adhere to Principles of Identity of SDG

**Secure:** neither the Foundation, nor EverID, nor anyone else can shut down network. Even if EverID goes out of business or is acquired, the network continues.

**Funding:** Self-funding from revenue

Ensure the identity network for development is transparent & follows SDG Principles



# FOUNDATION FOR IDENTITY NETWORK

**Mission:** safeguard the independence, transparency, security & longevity of the network so that it exists for humanity forever

**Funding:** EverID donates % of capital raise & on-going earnings. Partners effectively “own” a self-funding network

## Board of Directors

- Must be from an NGO or IGO whose efforts are for economic & social development and has been in existence for 10 years or more
- Must adhere to the principles espoused in the Sustainable Development Goals

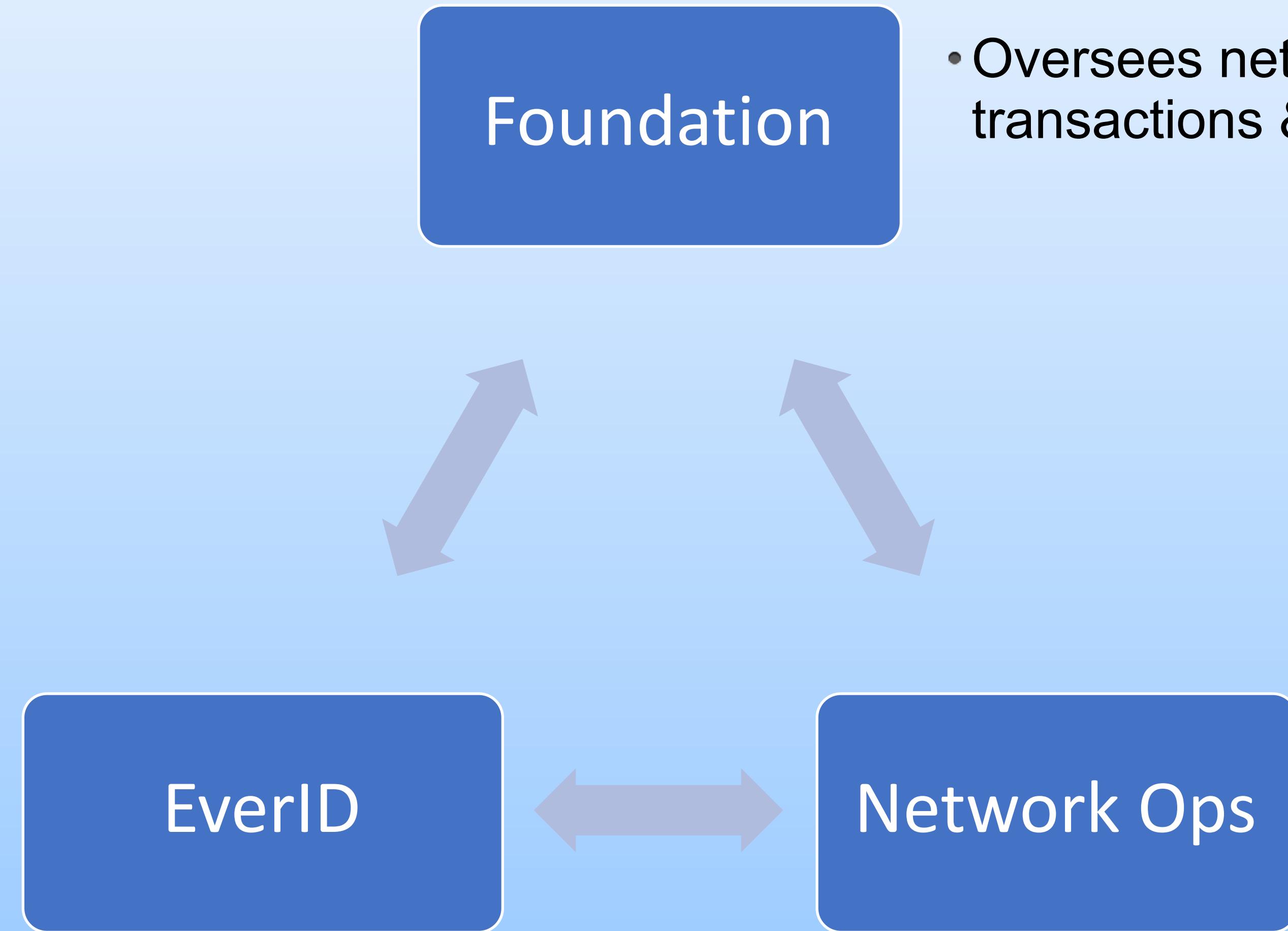
**Rights & Responsibilities:** ensure network cannot be taken over & transactions are transparent

- 50% authority. In a “proof of authority” network, this prevents any organization, including EverID, from ever changing the base code
- Establish independent observer nodes
- 2 board members are signatories on code release

Ensure the global identity network is transparent & adhering to SDG Principles



# SELF-FUNDING IDENTITY NETWORK



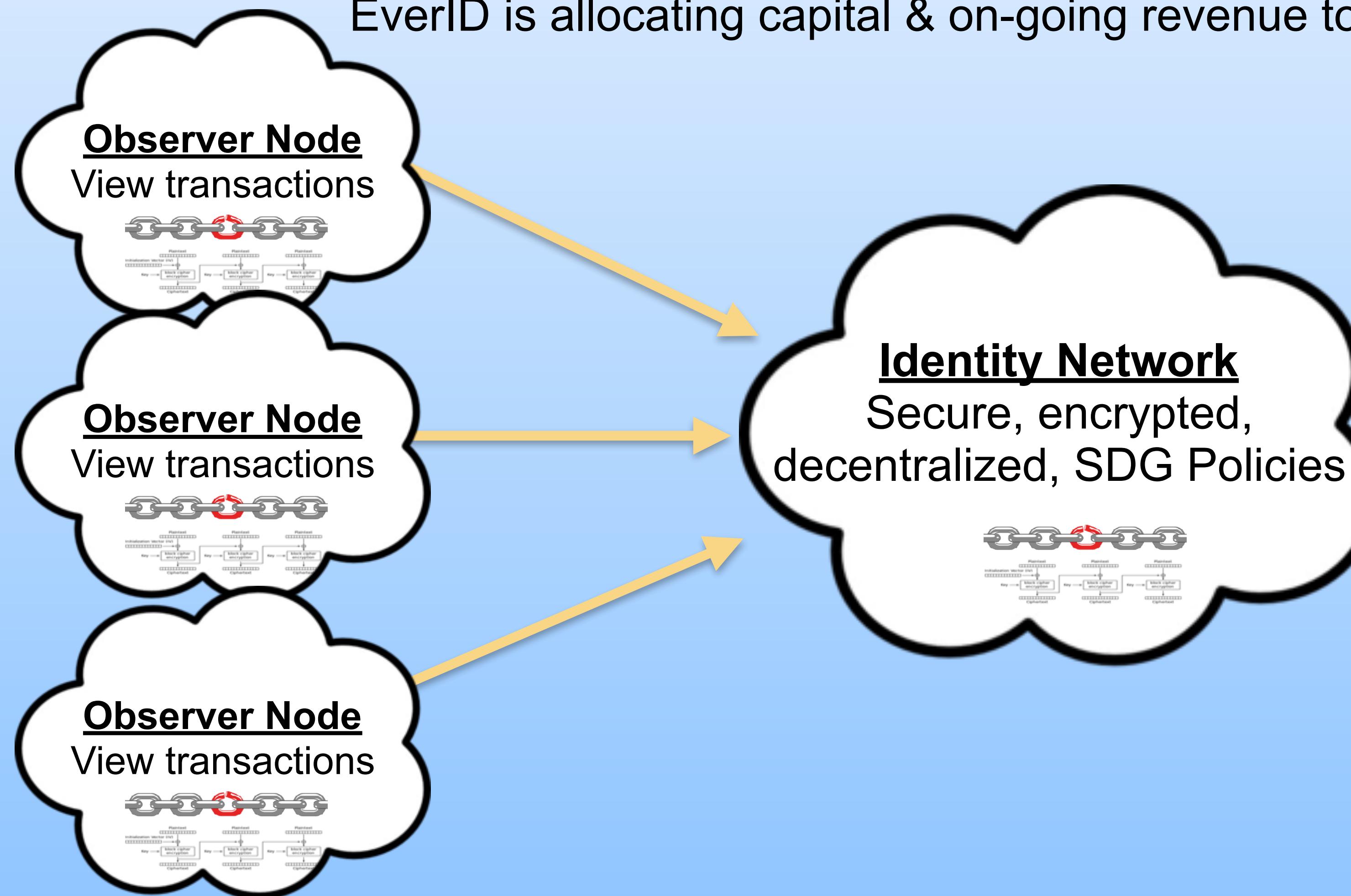
- Gives network to Foundation
- Sell services
- 90% of earnings from ID verification sent to Foundation
- Pays Network Ops for SW & maintenance

- Develops SW
- Maintains network

# OBSERVERS OVERSEE & VERIFY IDENTITY NETWORK

Foundation to ensure the independence, transparency, security & longevity of the identity network

EverID is allocating capital & on-going revenue to fund the foundation



Observer Nodes:

- NGOs and IGOs
- Non-profits
- Blockchain Foundations

"Co-own" global identity network to ensure transparency & independence

# NON-PROFIT FOUNDATION: PARTNERSHIP

Transparency achieved through oversight

Sample list of potential parties with a vested interest in the platform

## Board Members

### NGOs/IGOs

World Bank, IDB,  
OECD, UN, Asia Dev  
Bank, AfDB, WFP, Inst.  
of the Americas

### Non-profits

Center for Global  
Development, Gates  
Foundation, Omidyar  
Network, OSF

### Blockchain/Internet

Ethereum Foundation,  
Infrachain, MIT, EFF,  
Internet Archive

## Board Observers

### Mobile Carriers

GSMA, MTN, Millicom/  
Tigo, Axiata, Singtel,  
Claro, Telkomsel

### Agents

Go-Jek, Grab, Alibaba,  
Uber

### Banks

DBS, Citi, BNP, IFC

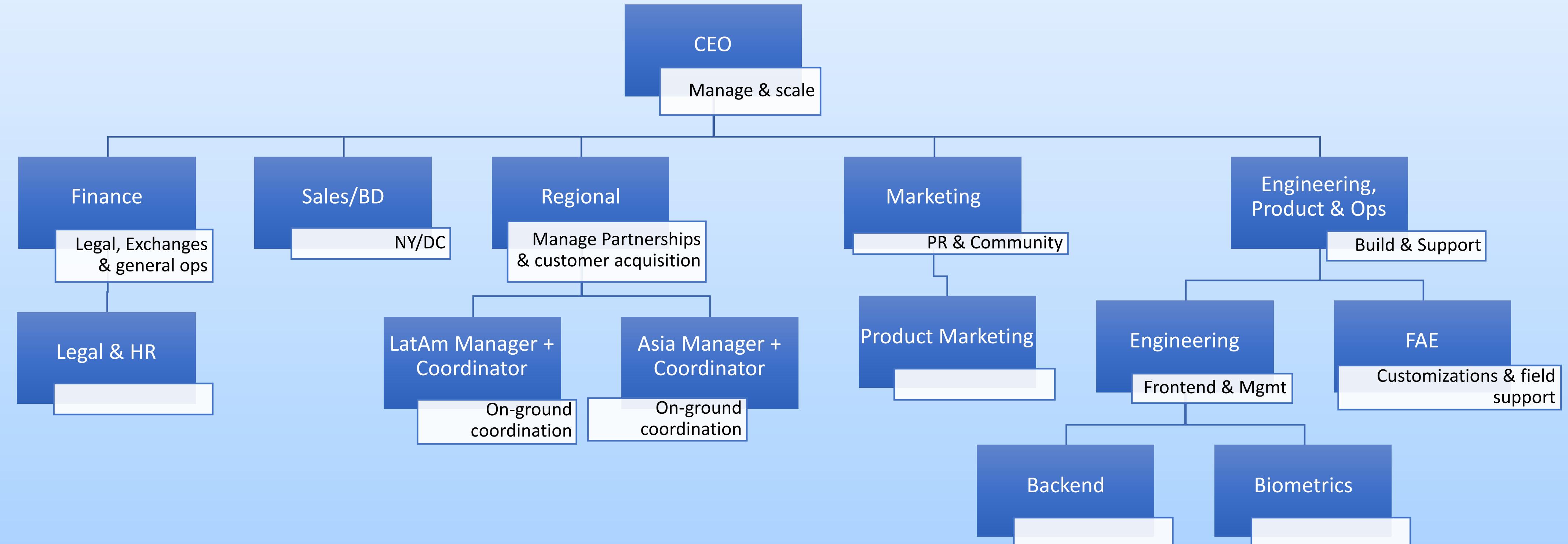
### Enterprise/SW

Intuit, Mastercard,  
Freshbooks, Cybric,  
Square, ADT

Oversight of network by multiple parties dedicated to Principles



# USE OF FUNDS



Function	Total 6 Month Budget	Total 12 Month Budget
Sales, BD & Fundraising	\$159,000	\$339,000
Finance, Ops & Legal	\$298,000	\$466,000
Marketing	\$109,000	\$217,000
Token Sale Marketing & Brand	\$127,000	\$163,000
Engineering & Support for 3M users	\$500,000	\$860,000
Regionals (LatAm & Asia)	\$107,000	\$239,000
	<b>\$1,300,000</b>	<b>\$2,284,000</b>

# MANY APPLICATIONS

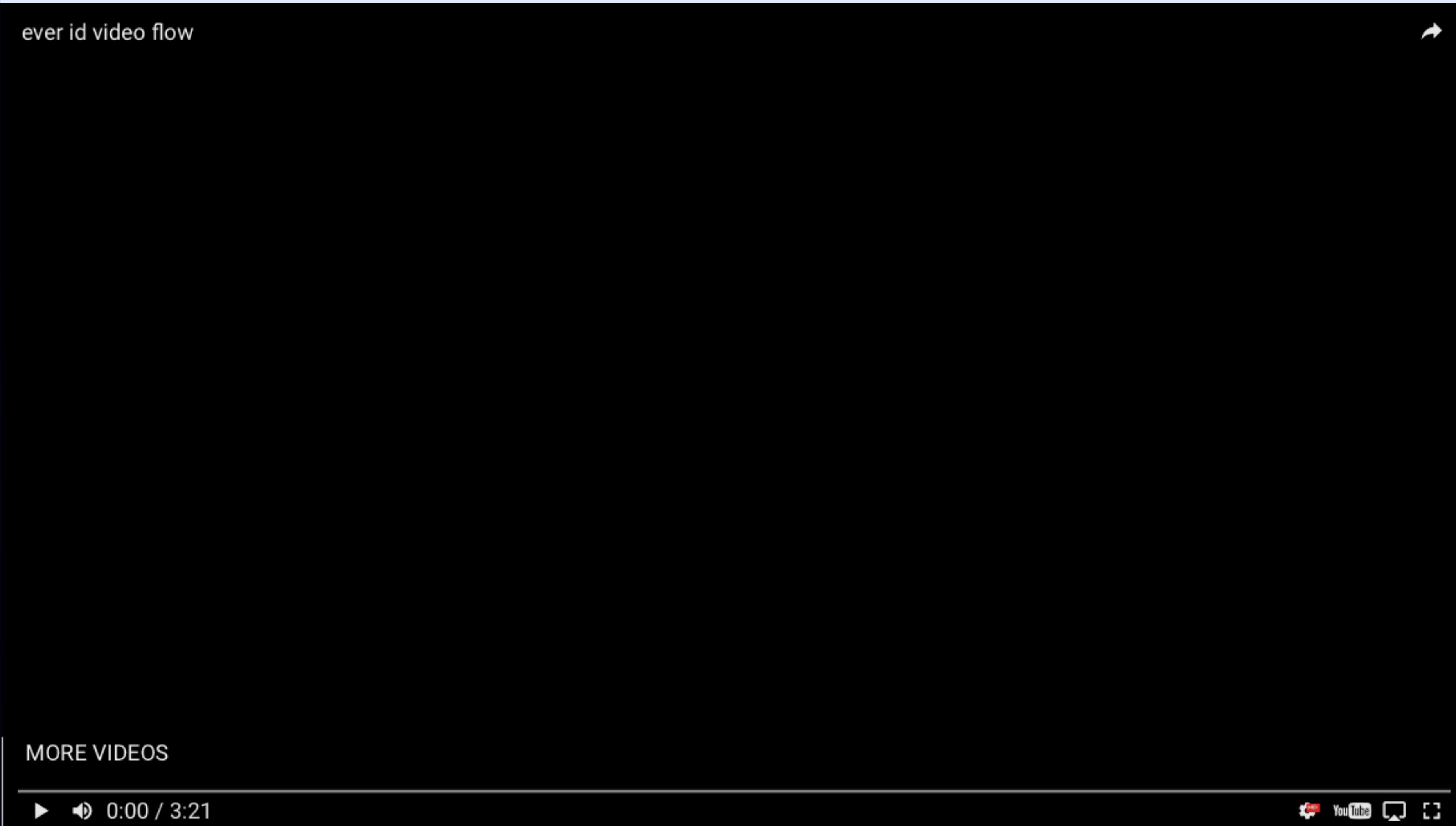


- **Cash Transfer** = deliver vouchers w/ or without conditions
- **Bank accounts** = enable people to set up bank accounts
- **Remittance** = deliver money securely, cheaply anywhere w/ verification
- **Healthcare** = manage records, validate vaccines & maternal care
- **Refugees** = give a global digital identity w/ wallet & ability to get paid
- **Family reunification** = track loved ones & reunify if separated
- **Food** = disperse food efficiently by verifying biometry
- **Age Verification** = protect from early marriages, authorization to enter
- **Gender targeting** = send money to women & ensure only they spend it
- **Land** = ensure titles & deeds are attached to people
- **Political & legal rights** = vote, file petitions, inherit



Multiple applications that empower individuals & economies

# FAMILY REUNIFICATION & ANTI-TRAFFICKING



<https://youtu.be/5uFX28Oqg1o>

**Amber Alert + Interpol, ensuring parents aren't separated from children**

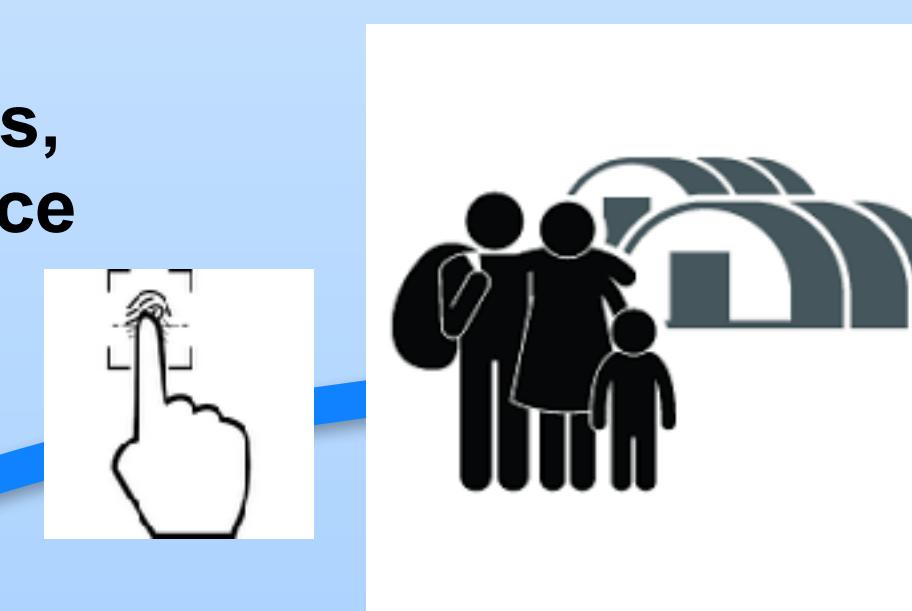


# REFUGEE: REGISTER ID, SEND AID, TRACK

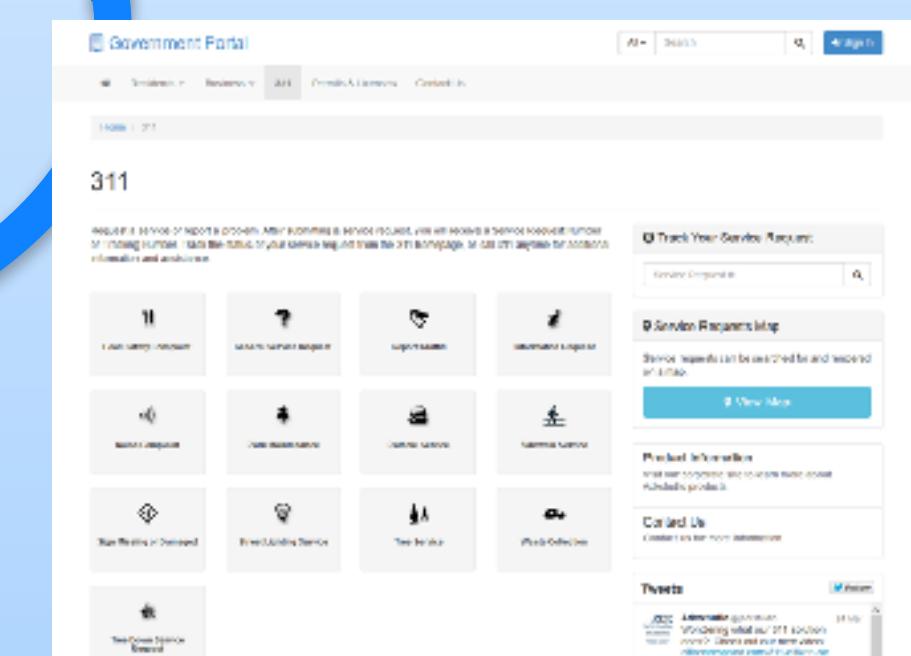


1) Refugees enter camp

4) Refugee seeks services,  
scans biometrics on-device  
at location or in camp

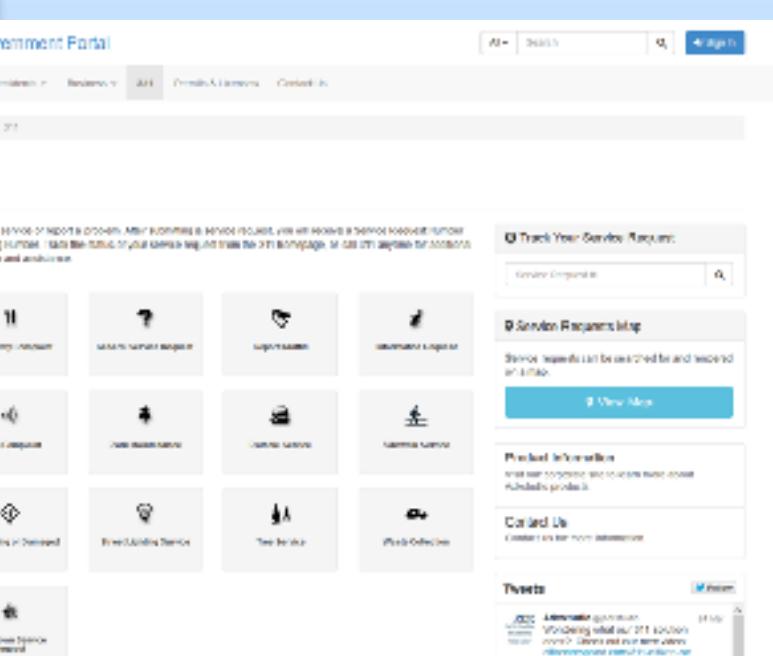


2) UN Worker scans  
biometrics & adds data, social  
proof and any docs available

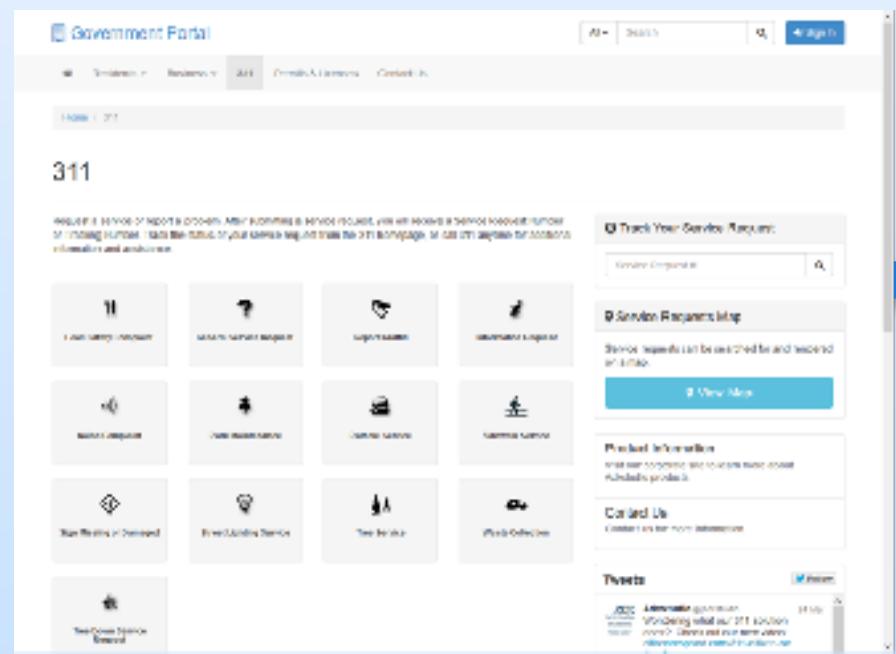


5) Blockchain verifies Refugee identity. All transactions  
by Refugee are securely recorded on-chain and  
reported to UN in real-time

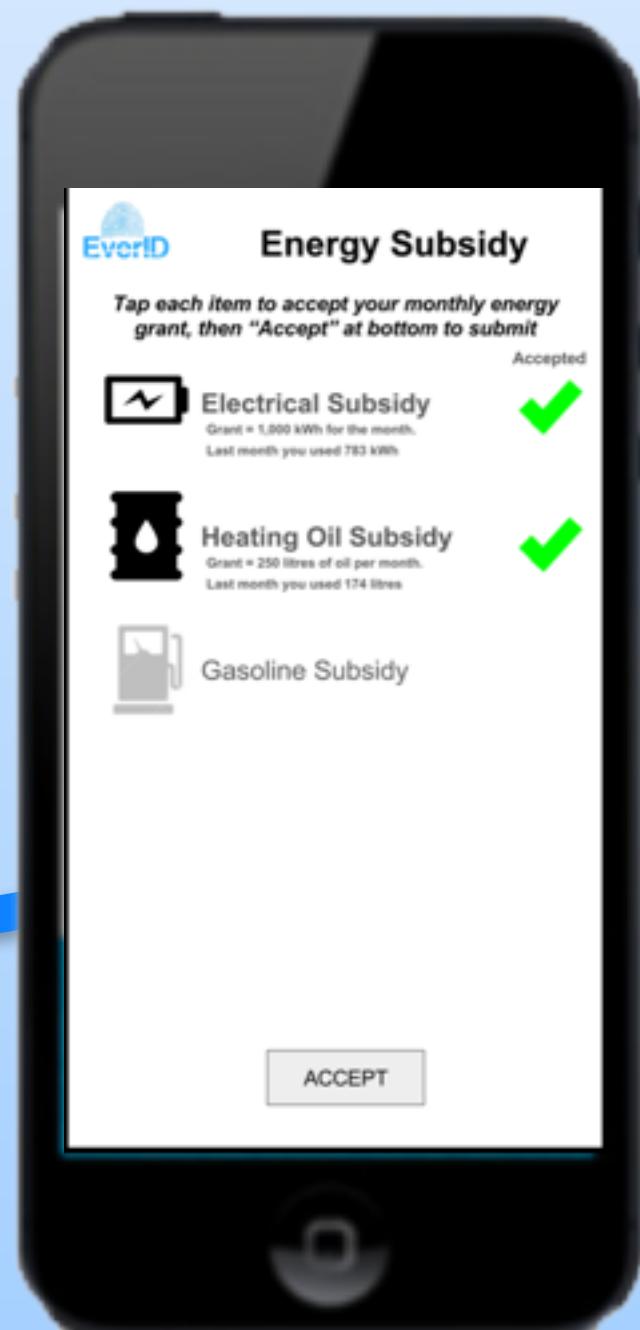
- Services tracked to individual
- Efficiency; No waiting in lines
- Real-time data of individual consumption / usage



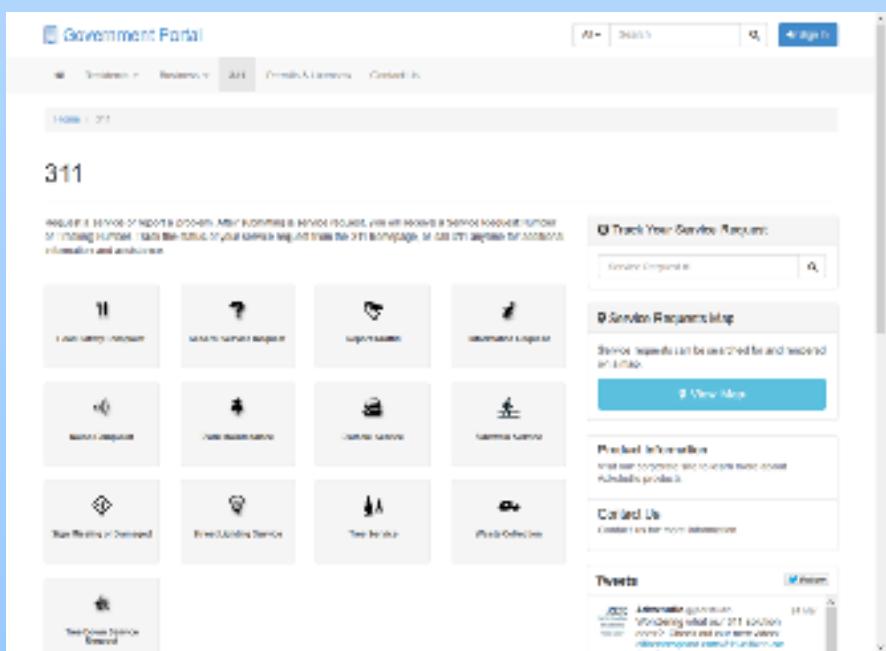
# GOVT/NGO: PORTAL TO MANAGE RESOURCES



Government or NGO worker distributes benefits to individuals' EverID via an online portal.



Govt./NGO sends energy subsidy

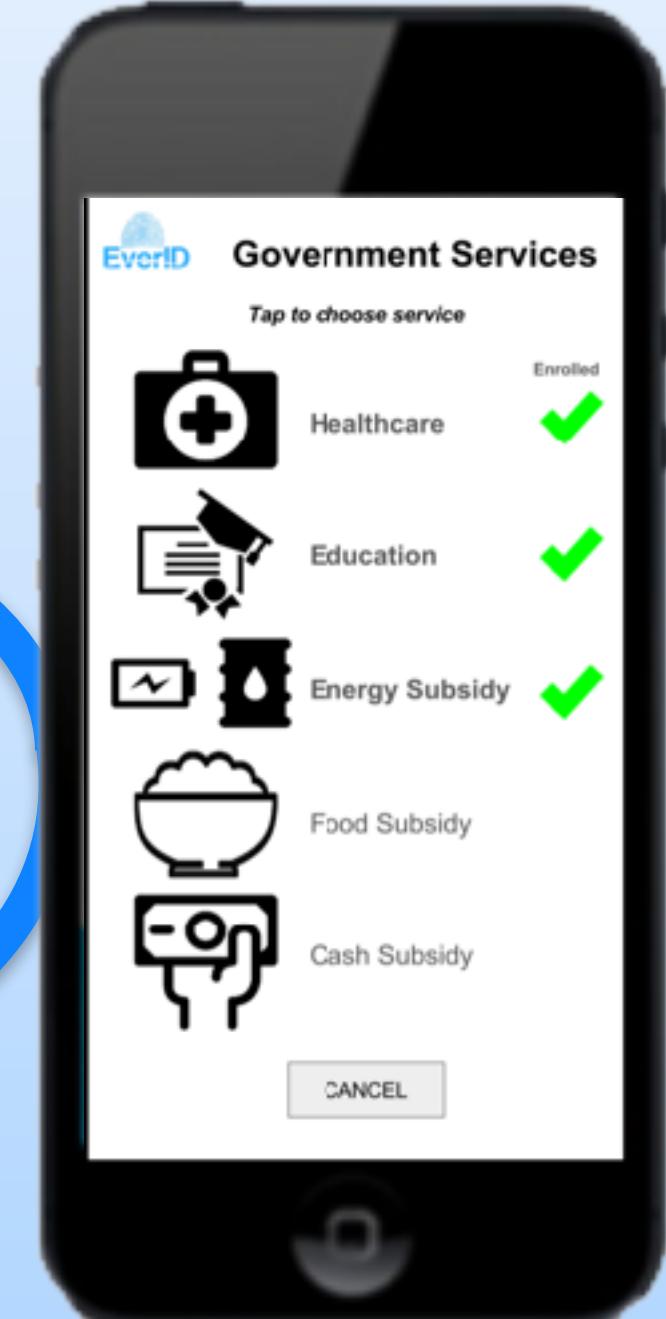


Portal sends \$\$, or credits user's mobile wallet inside of EverID app

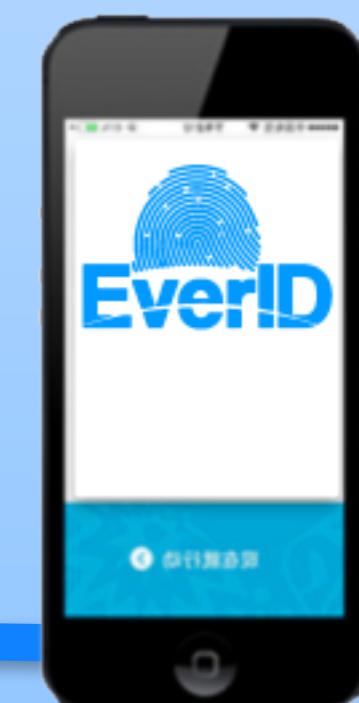
**TRANSPARENCY & NO LEAKAGE.**  
Secure report recorded to Govt./NGO, verifying receipt in real-time by individual



User Logs into EverID using biometrics and PIN



User views Govt./NGO services

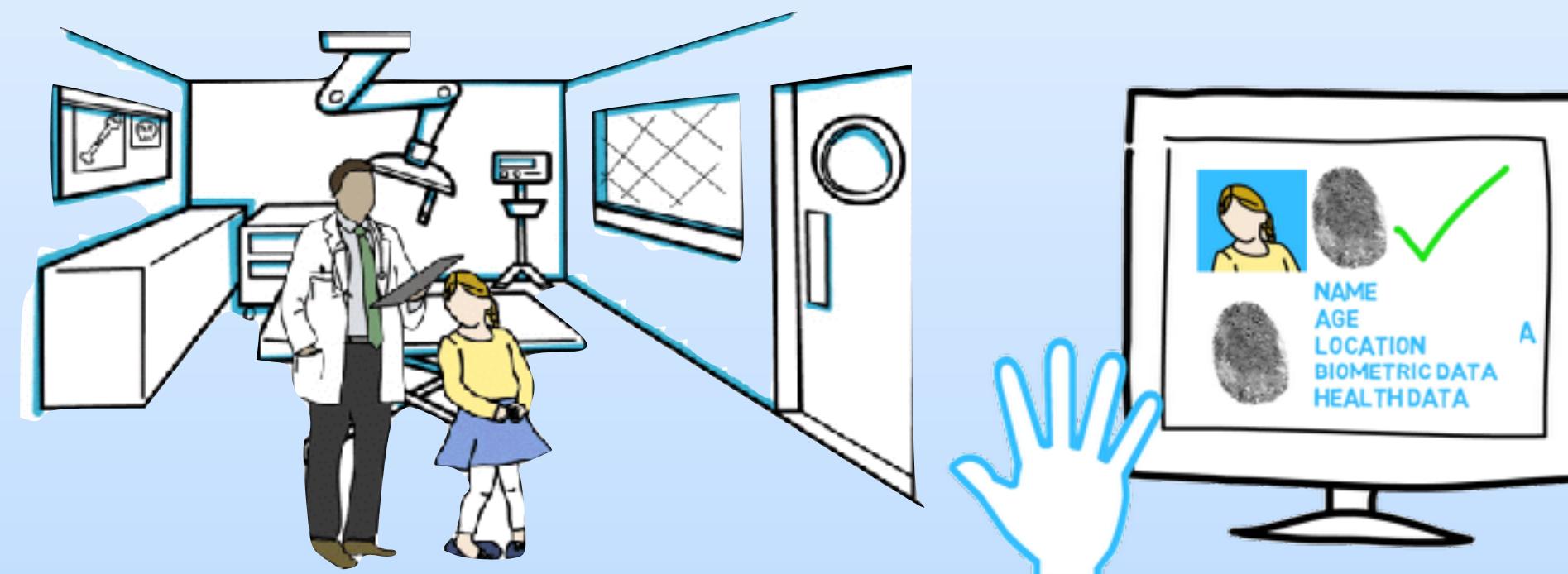


User or Govt./NGO redeems by sending data to Energy company

- Government services tracked to individual
- Monthly interactions without office visits
- Efficient feedback to user of monthly consumption / usage

# MEDICAL: TRACK VACCINES, UPDATE RECORDS

3



When the medical service is completed, the clinic staff rescan Dayu verifying that she was given the approved TB vaccine and recording that into her EverID.

- Proof an individual received vaccination
- Budget for vaccinations pay for services
- Added to child's electronic medical record

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At the Raskin Rice Allocation Point, Bastian scans in and enters his PIN, retrieving and displaying his photo and the food assistance grant to the Allocation clerk. The clerk records the amount given, allocating the monthly aid provided to Bastian's family.

- Verification of food aid grant
- Record of amount of food aid dispensed
- Tracking of total food aid provided