GALACTICA

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Galactica.com

The Ultimate Identity Stack

June 28, 2024

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TURNING HASHES INTO SOULS

- Bitcoin revolutionized money
- Ethereum revolutionized contracts
- Galactica.com is revolutionizing identities

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Welcome to IDFI

Data is the new TVL

CREATING HOLISTIC IDENTITY STACK:

- Personal Data Sovereignty
- Data Monetization (disrupting world's biggest oligopoly)
- Reputation-augmented DeFi
- Compliant Privacy
- DeSoc and its use-cases

The Web3 Identity Stack is the ultimate use case for data in public blockchains – just like Bitcoin was for money and Ethereum for Finance.

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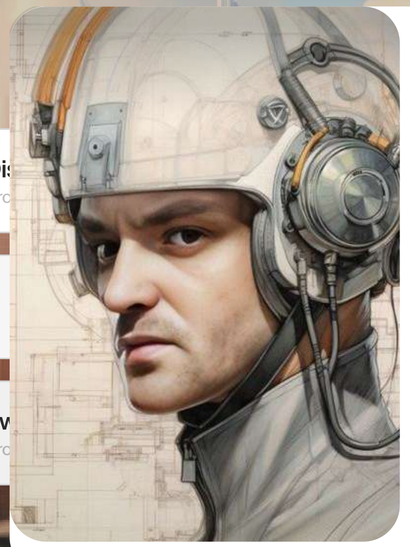
Data the new TVL

Building your immutable persistent reputation

Twitter
Group Chat & Friends

Telegram
Group Chat & Friends

Reddit
Group Chat & Friends



Constitution and Rights
Responsibilities

A7₁

Your ID
#000000007

Types of GNC
A-type

Wave
1

Scan to Connect account
Use Galactica ID in another app

zkKYC
Group Chat & Friends

Swissborg
Group Chat & Friends

Lens protocol
Group Chat & Friends

Quora
Group Chat & Friends

Lens protocol
Group Chat & Friends

POAP
Group Chat & Friends

Galactica was designed to be the most powerful stack for DeSoc, the core concept behind Web3's new big wave of use cases after DeFi.

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Data Sovereignty

Aggregate your digital footprint to create your digital self

On-chain

Cross-chain

Off-chain

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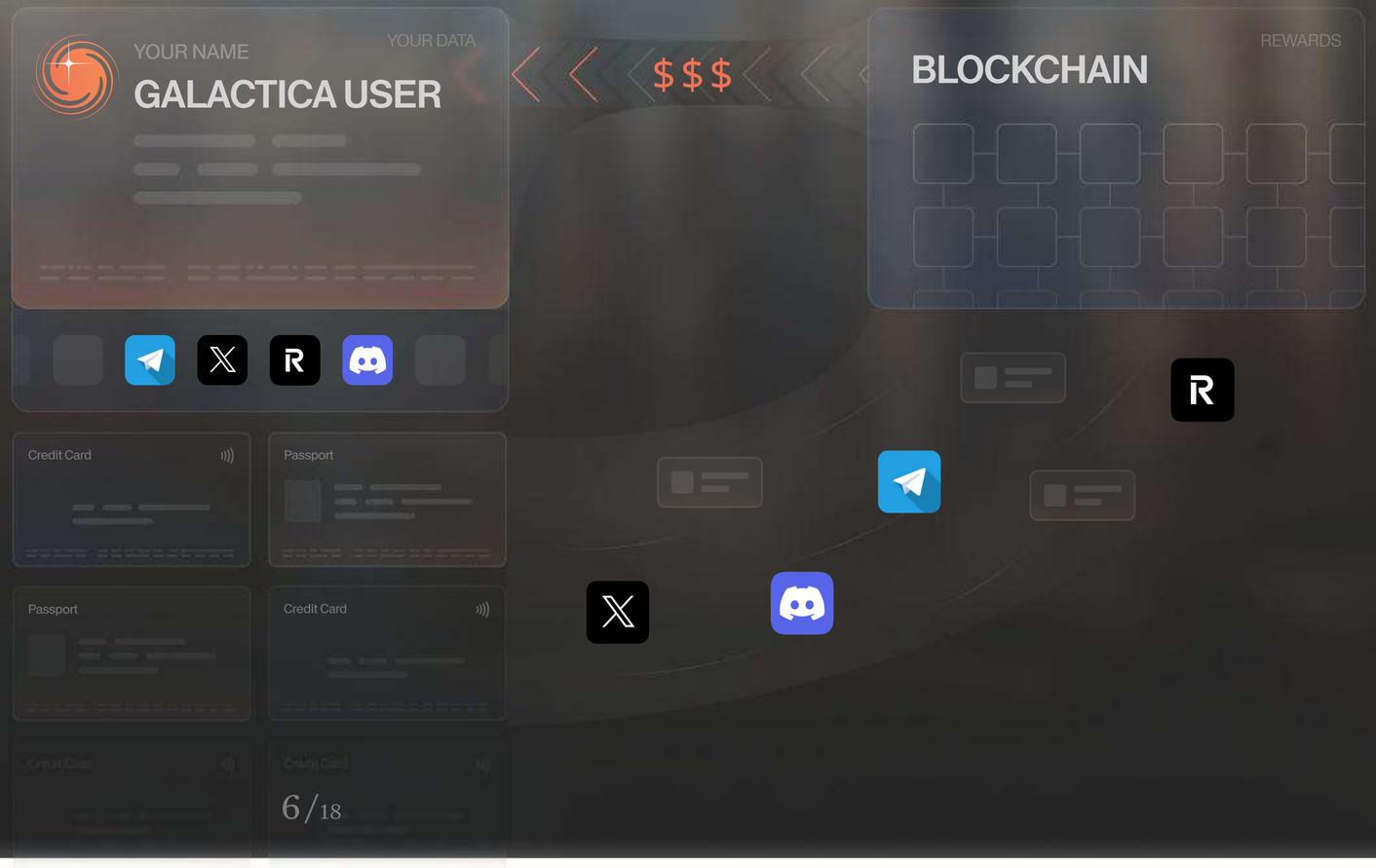
and store it locally

Monetize all your data

Data is the new oil, the core commodity that keeps the world going. Do you know how much your trading history is worth?

- Earn from companies contacting you
- Earn extra by testing out the product
- Earn extra by training AI on your data



Reputation-augmented DeFi

DeFi capital efficiency can 10x if we don't have to treat everyone the same. Reputation is the most valuable asset one has and it is not factored in when doing DeFi today.

Comparable Table

12.5% interest

- NO TRACK RECORD – Singular data point
- DeFi AUM: +150k

Want's 100k in credit

4.5% interest

- TRACK RECORD – multiple data points
- KYC
- Earns $5k from Work
- AML compliant
- Earns $1k from Staking AAVE
- Never missed a loan payment on AAVE
- Buys crypto for 3k each month
- DeFi AUM: +150k

Souldrops

Airdrops are the new meta for attention economy. Adding reputation into the equation can 10x its efficiency.

Comparable Table

5% likelihood of staying

Who do you want?

1 guy pretending to be 10

Set up a wallet and stake $10

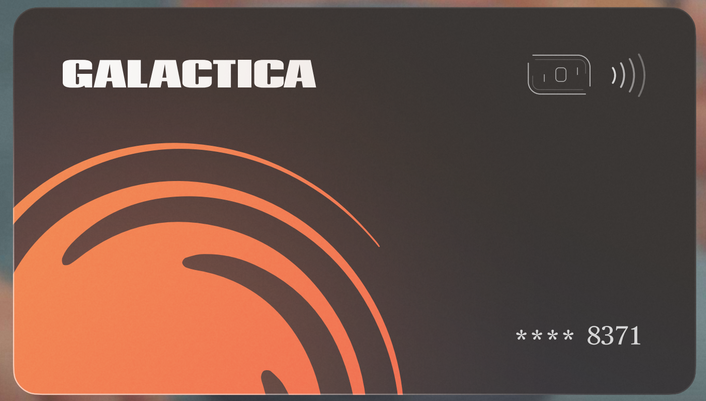
45% Loyalty probability

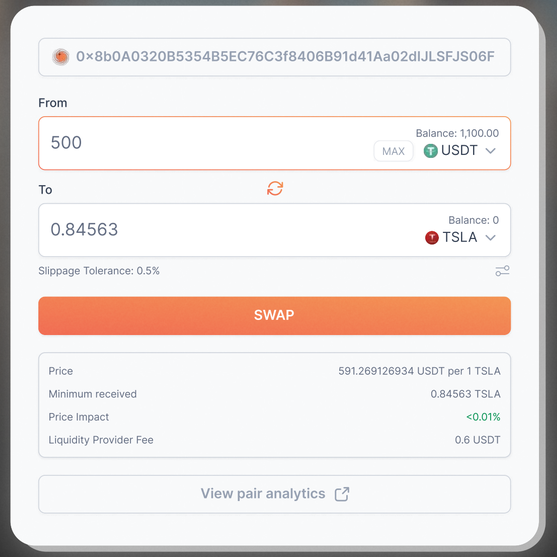
- Active on TW (X) and Discord in XX communities
- KYC
- Have been following XY since
- AML compliant
- AUM in DeFi +50k
- Buys crypto for 5k each month

Verified alias

Compliant Privacy

Solving for regulated AND permissionless DeFi enables a landscape of integrated borderless compliant liquidity.





- **Access to Real World Assets** — real estate, crypto-backed mortgages, consumer loans, etc.
- Access to infrastructure and basic services, such as crypto cards, debit and credit all from one's non-custodial wallet
- Access to regulated instruments with deep liquidity and 24/7 trading all from the comfort of one's non-custodial wallet

Privacy-preserving

Crypto Anonymous Guy

Anonymous Galactica Passport Holder

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Galactica Network Citizenship

RIGHTS

- Galactica UBI
- Validator status — only Citizens can be validators.
- Access to political framework — for example be an elected representative of one's fellow Citizens.
- Citizen-only dApps — use Citizen-only dApps, benefit from Citizen-only incentives and more.

** The earlier is the Wave of purchasing/earning the GNC the higher is the share of inflation ($GNET) earned*

But How?

It’s a matter of simple protocol logic, intermediate economics and advanced cryptographic wizardry.

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Web3 Identity Stack needs novel primitives

enabling both, privacy and verifiability as public blockchains are by definition pseudonymous, ‘faceless’.

One-time addresses and encrypted state allows for full privacy and no verifiability

Standard public blockchains allow for some privacy and some verifiability

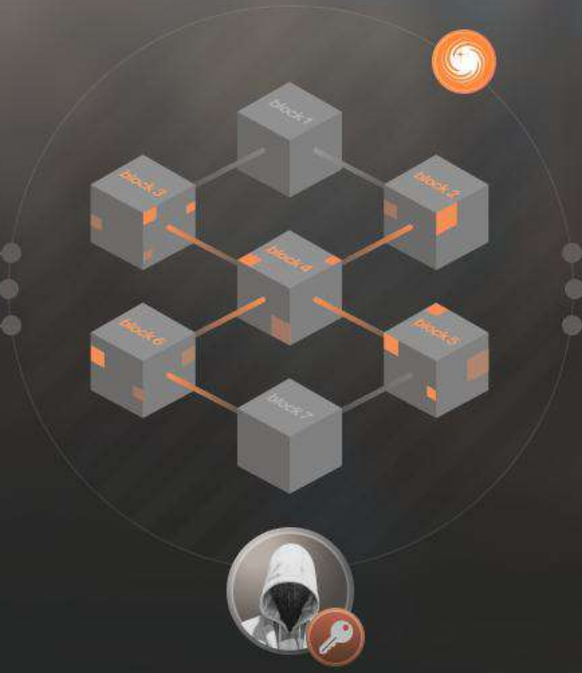
Depending on the architecture, other mixes are possible, yet none maximizes both

ZKPs and HumanIDs maximize for both, FHE makes it computationally attainable

The only way to solve for both is

to integrate a combination of ZKPs and FHE into the consensus itself. Galactica.com has been working on this stack for 2 years and is production-ready.

ZKP



FHE

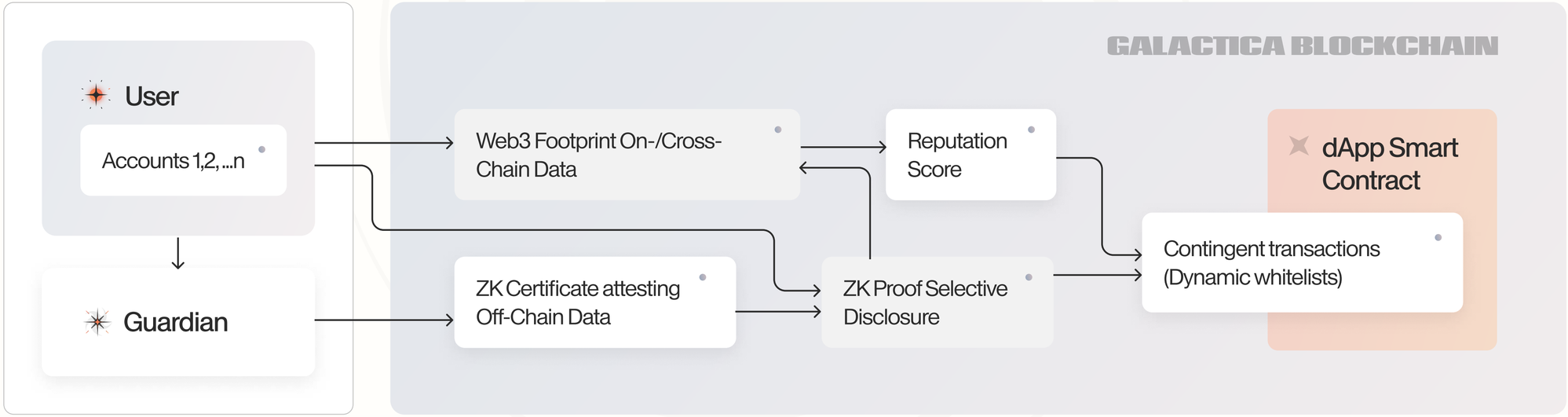
The technology we have created allows for DeSoc dimension in public blockchains

Enabling efficient targeting and Data economy (disrubting Google's/Facebook model), undercollateralized lending, SocialFi use-cases and regulated liqudity in DeFi

Galactica's 4 Core Protocol Primitives

— **Galactica's 4 core identity primitives:**

1. zkCertificates
2. Reputation Root Framework
3. Guardians
4. Contingent transactions/aka Dynamic Whitelists



These primitives make up the technological core of the platform that enables compliant privacy and, by extension, core DeSoc tech stack

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Join the Cypher State

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