NGI TRUST CHAIN

DECAST

Final OC4 project review

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03/09/2025

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PROBLEM ADDRESSED BY DECAST.LIVE

PROBLEM? INFORMATION MANAGEMENT

End to End Security in Digital Online Communication

Identity **Information Exchange** **Integrity**

Impact Points

Penetration Breaches

Video Misinformation

Cybersecurity Threats

Identity Theft

Data Ownership

Economic Impact

- In today's digital landscape, The ability of deepfakes to manipulate financial markets by spreading false information about companies or economic policies can lead to significant financial instability and loss.
- Failing to ensure the security and authenticity of video casting is challenged by generative AI and Deepfakes. (**IDENTITY**)
- Susceptible to unauthorized access, privacy breaches; undermining trust and reliability on communication. (**INFORMATION**)
- Poor data integrity and data protection, leaving sensitive recordings risky and prone to leaks. (**INTEGRITY**)

PROBLEM? INFORMATION MANAGEMENT

“General audience is aware of the problem, they would switch to better privacy and security, if they are given a choice!”

Journalists, **legal professionals**, **creators, educators**, **web3 communities**, and **corporates** face challenges with secure identity verification, access control, and data management during casting, communication, and online collaboration sessions using available tools.

Journalists

Legal

Creators

Educators

Communities

Corporates

DECAST.LIVE

DESCRIPTION INCLUDING TECHNICAL, INTEROPERABILITY AND UCD OUTCOMES

A secure, privacy driven video infrastructure

3 TIERS OF OUR INFRASTRUCTURE:

Authentication Service Layer

Identity

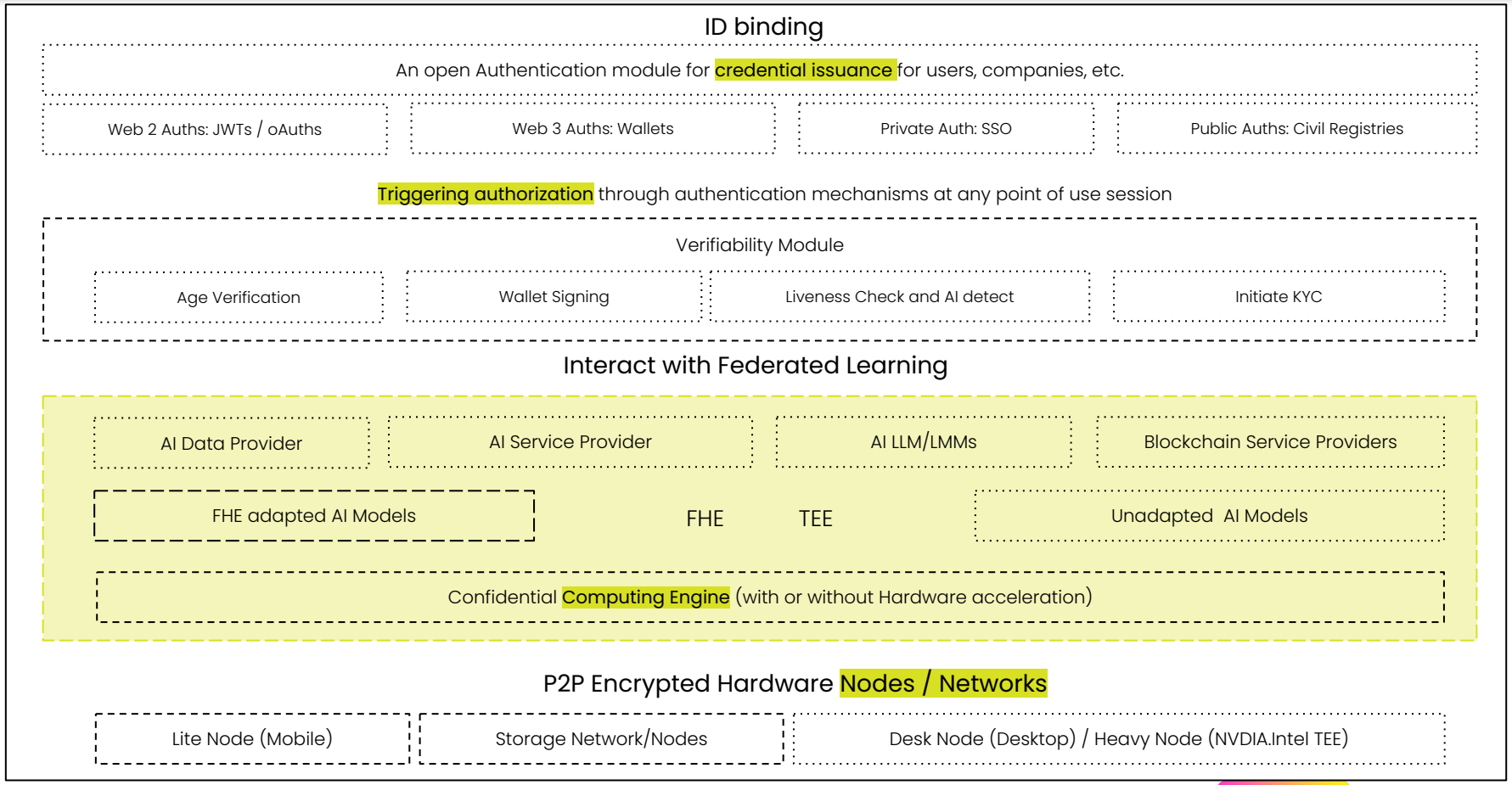
Authorization & Security Layer

Information + Intelligence

AI & Application Compute Layer

Integrity

Accessibility Layer with DePIN



NGI TRUST CHAIN
Decast.live

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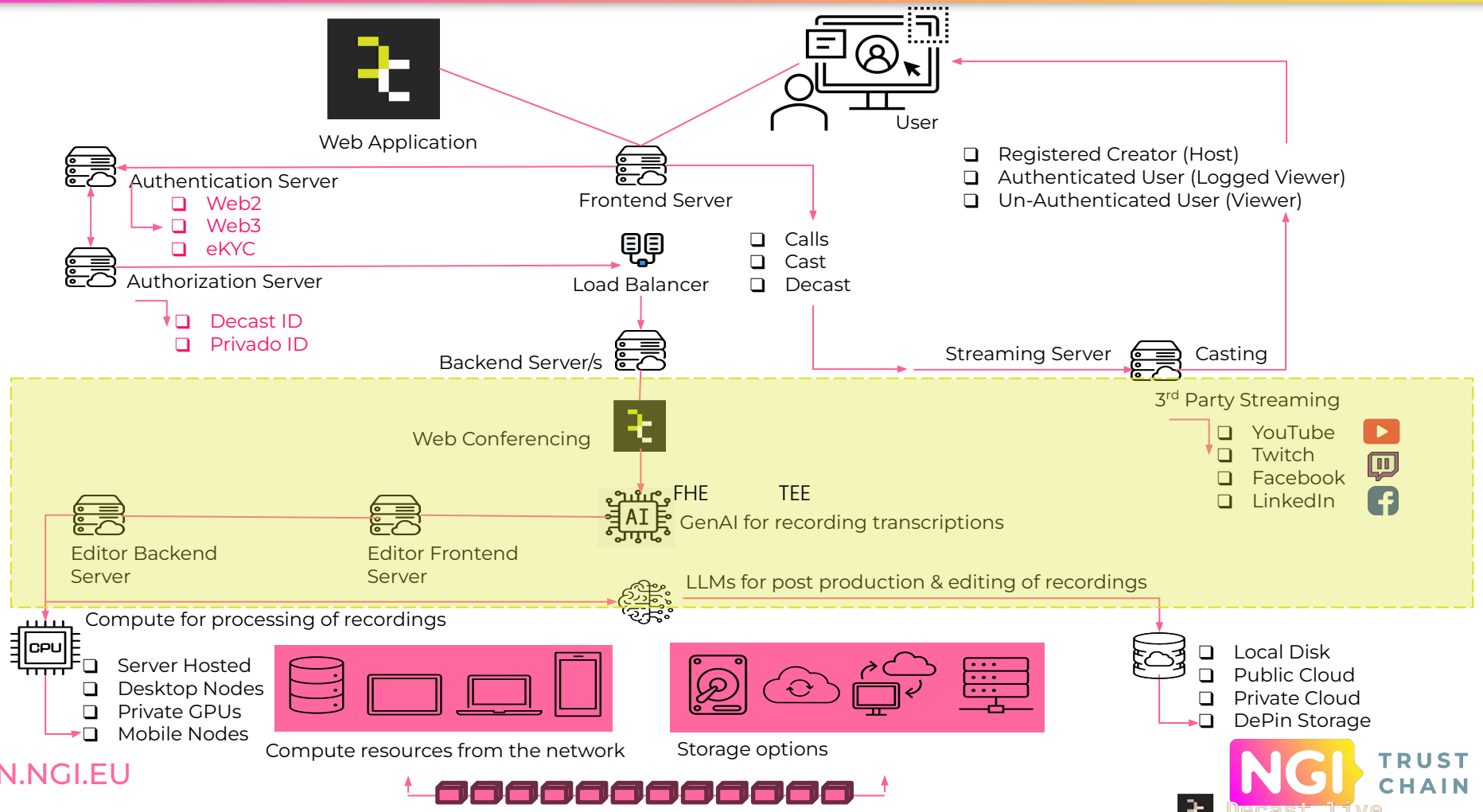


NGI TRUST CHAIN

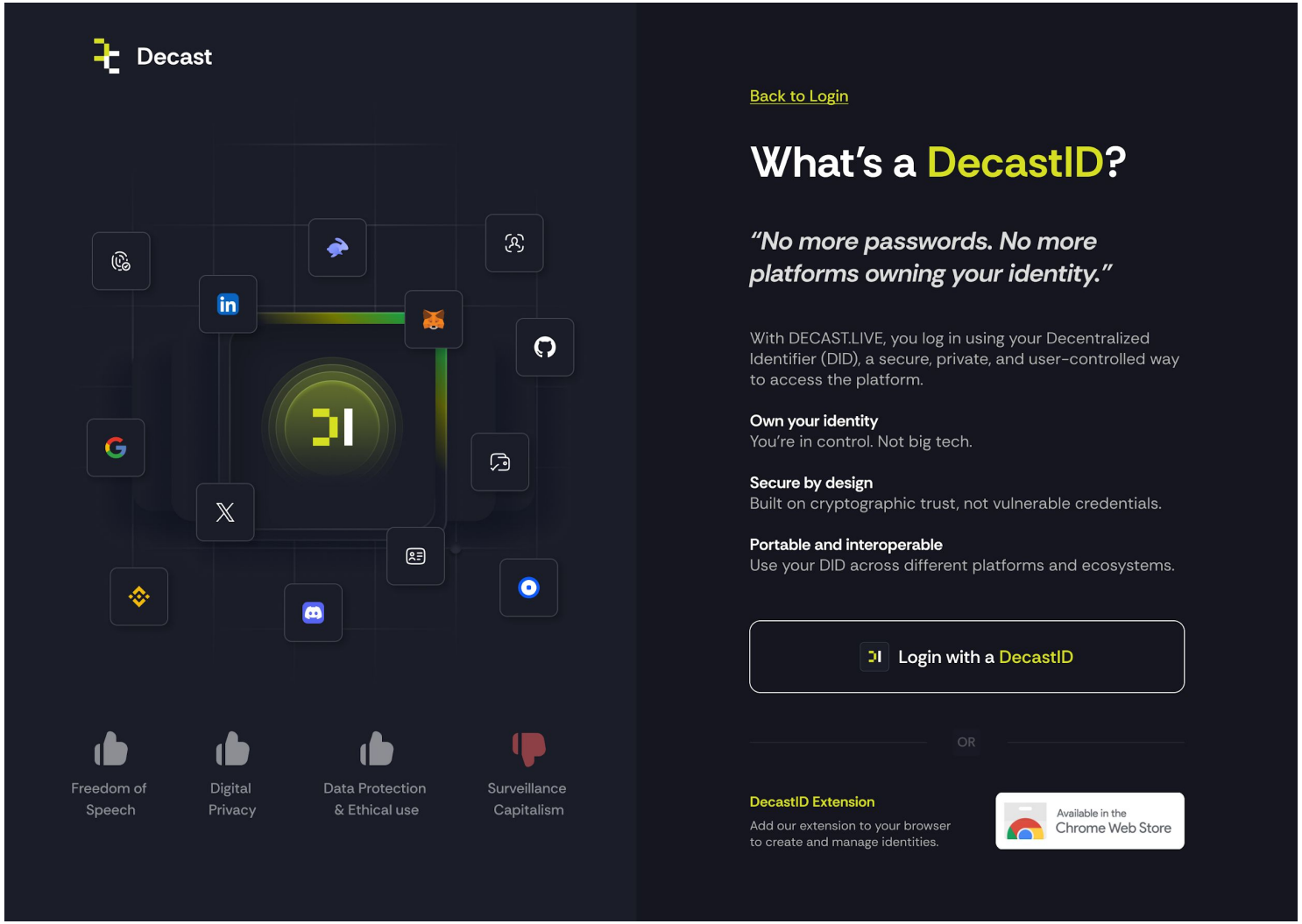
Decast.live

DECAST ID

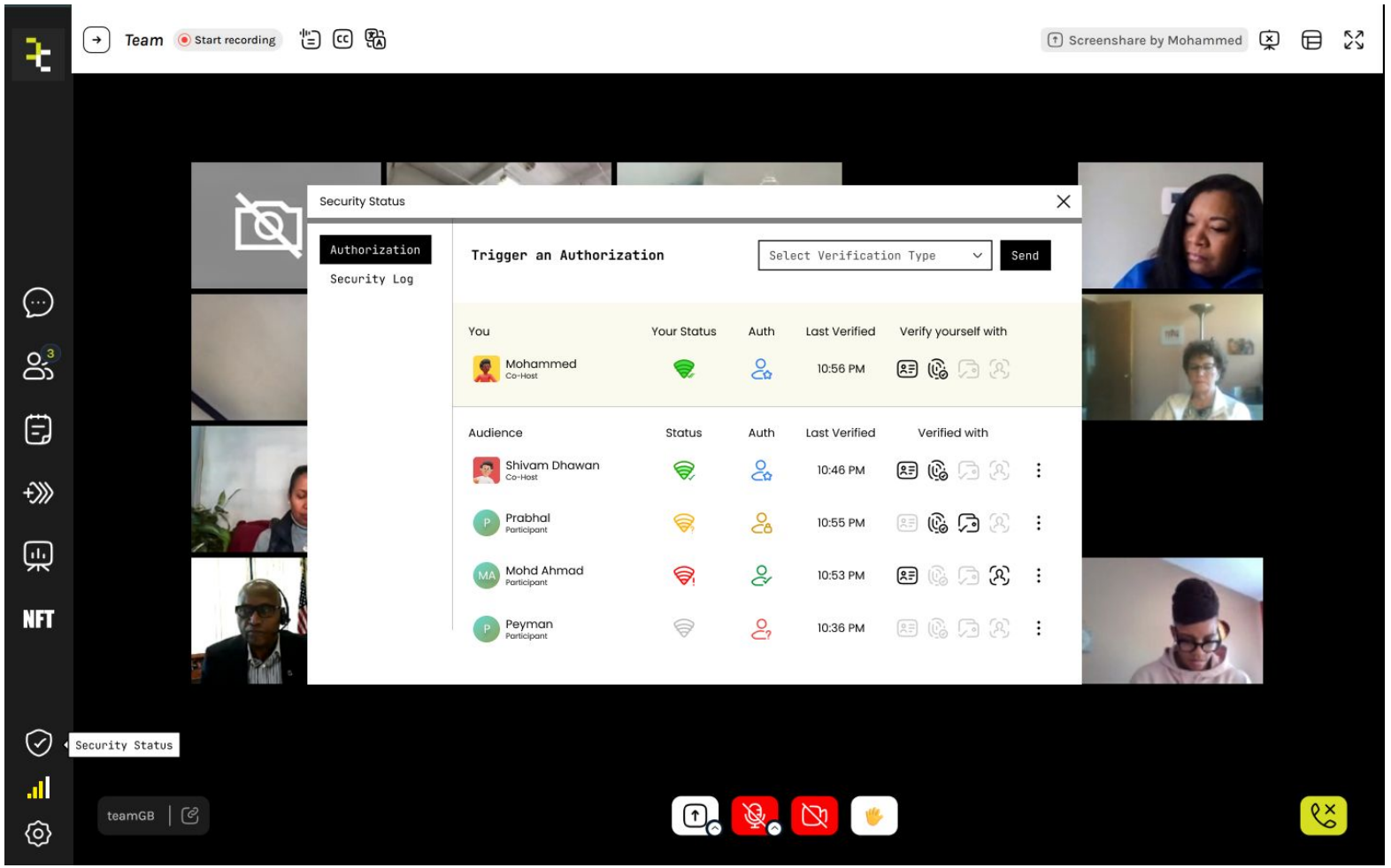
We are building a self-sovereign identity system with video communication infrastructure for the Next Generation Internet

- **DID resolver and authentication**: Standards-compliant, supporting multiple DID methods, (did:decast, did:key, did:ethr).
- Real-time video, streaming, and **in-call authorizations** via WebRTC and microservices architecture.
- Secure credential issuance, selective disclosure using **decentralized identities**, and tamper-resistant evidence storage powered by decentralized networks.

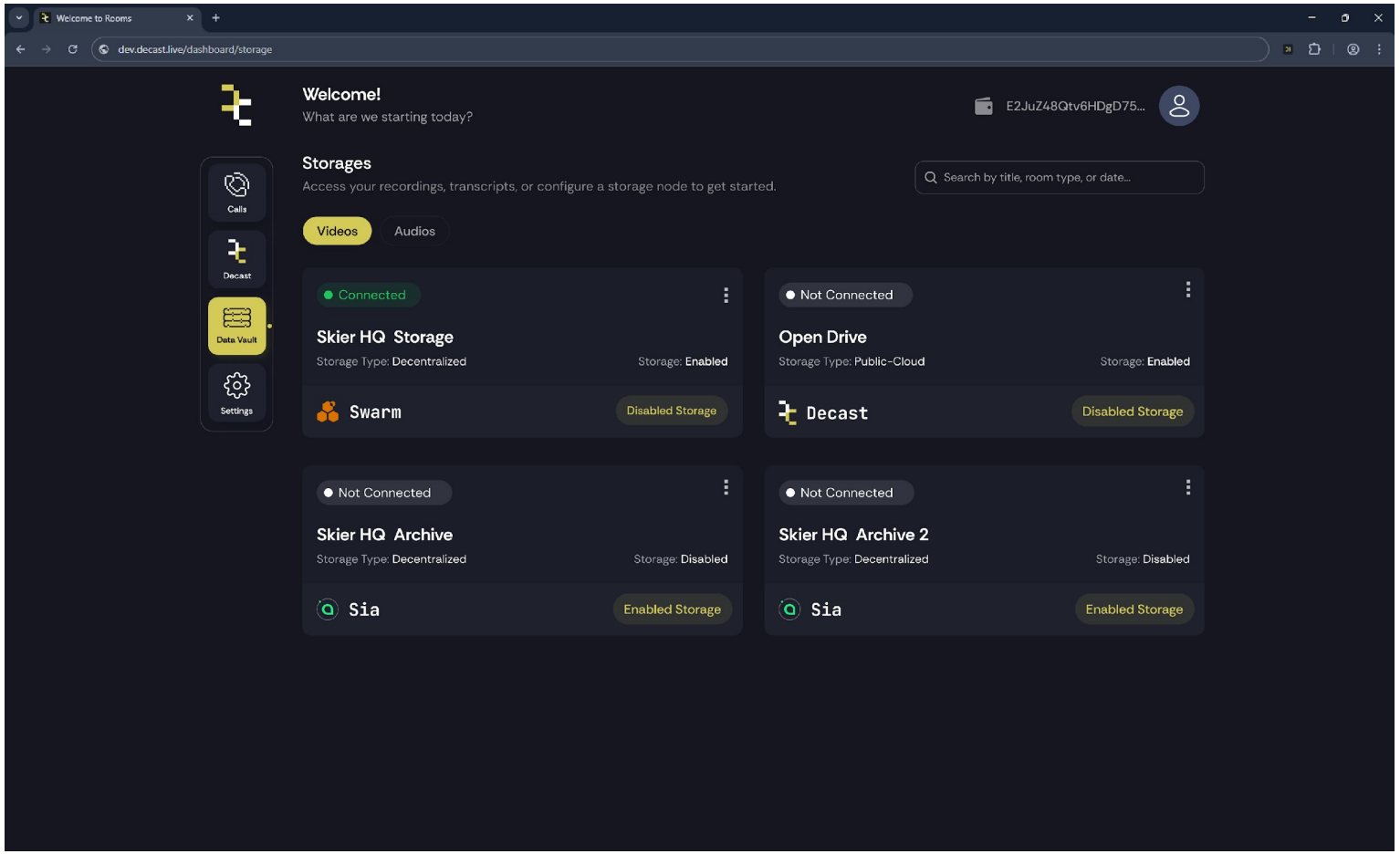
OUR IDENTITY SYSTEMS ARE NO LONGER RELIABLE



AUTHENTICATION



IN-CALL AUTHORIZATION



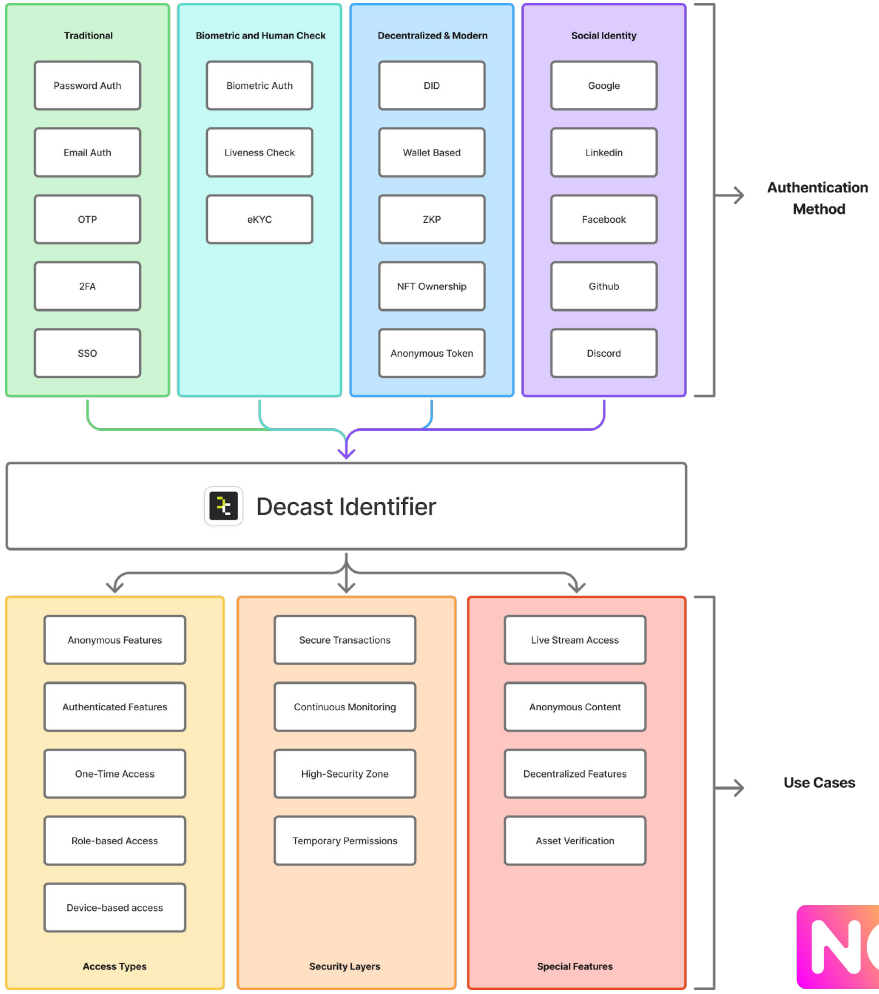
ACCESSIBILITY

DECAST.LIVE
INNOVATION AND VALUE PROPOSITION

INNOVATION

“Designed for those who need trust by default.”

- **Authentication**: A cryptographic handshake that proves you control an identity, without handing over passwords or personal data.
- **Authorization**: Instead of one-size-fits-all access, Decast uses verifiable claims and short-lived tokens to grant permissions. For example, age verification, a KYC, liveness checks or even signing of a wallet before accepting an airdrop or NFT.
- **Accessibility**: Recordings are encrypted, split, and anchored across decentralized storage networks, or can be stored in your private clouds when needed.



VALUE PROPOSITION

- Journalists
- Legal Professionals
- Corporate Executives
- Issuers & Verifiers
- Educators & Trainers

For **journalists**, it means __

Publish the truth — not just for clicks, but for history. Secure the first draft of record.

For **legal professionals**, it means __

Witness and Media Protection — a recorded truth ,tamper-proof and custody-aware.

For **podcasters**, it means __

One CAST, many channels — and full ownership, from voice to transcript to NFT drops.

For **Web3 community**, it means __

Decentralized content creation and ownership; build, share, and monetize your digital presence on the blockchain.

BUISINESS MODEL, EXPLOITATION AND IMPACT

BUSINESS MODEL

Platform/Infrastructure as a service

- **Channels**
  - Direct web platform for instant access.
  - APIs for media, legal, and corporate system integration.
  - Partnerships with journalists, legal and educational entities.
  - Open-source community engagement and development.

- **Partnerships**
  - Agreements with media companies, legal institutions.
  - Technical collaborations for identity infrastructure.
  - Strategic alliances for marketing and ecosystem growth.

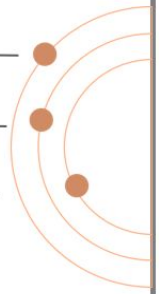
BUSINESS MODEL

PaaS

Platform/Infra as a Service

TAM €10.6B
SAM €2.25B
SOM €112M

MARKET SIZE (EUROPE)



MARKET SEGMENT

- ❑ Tech
- ❑ Web 3.0
- ❑ Legal
- ❑ Media
- ❑ Education

CHANNELS

- ❑ Marketing
- ❑ Content
- ❑ Events
- ❑ Partnerships

EXPLOITATION & IMPACT

Significant Pilots & Demonstrations :

- **EIT Culture and Creativity**
- **SKALE Grant Program**
- **Vodafone Testbed for Infra**
- **AngelsWay Community**
- **AMCC Testbed**
- **SIM Conference**
- **ETHDam – Privacy is Normal**
- **SonaePT**

Exploitation

- Early market traction from pilots with Vodafone, SKALE, NGOs, and legal/educational partners.
- Broad adoption potential: modular features, privacy design, real-time credential handling and compliance.

Impact

- Energy-efficient infrastructure leveraging solutions to reduce carbon impact.
- Upholding privacy and press freedom: Empowering journalists and professionals with tools designed for digital sovereignty and confidential ops.
- Open-source, vendor-neutral approach: Enables broad participation and sustainable digital ecosystems.

WHAT IF YOU COULD TRUST TECHNOLOGY BY NOT BEING ASKED TO TRUST AT ALL?

STAY UPDATED AND GET INVOLVED!

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- https://www.linkedin.com/showcase/ngi-trustchain
- https://www.f6s.com/ngi-trustchain/connect

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Step into a new era of privacy-first video.

Join the beta today @Decast.live

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