



TNID

a solution by TSG Global, Inc.

Transforming identity protection and communication compliance.

TADHack 2024 | Session 0

The problem...

Current identity systems are fragmented and controlled by third parties, leading to privacy concerns and data breaches. Individuals lack control over their personal data, which is often scattered across multiple platforms. The Self-Sovereign Identity (SSI) model, powered by TNID, addresses this by giving individuals ownership and control over their identity data. TNID enables secure, decentralized storage of identity information on a blockchain, ensuring data privacy, security, and user sovereignty. This model empowers individuals to manage their digital identities, enhancing trust and reducing the risk of identity theft and fraud.

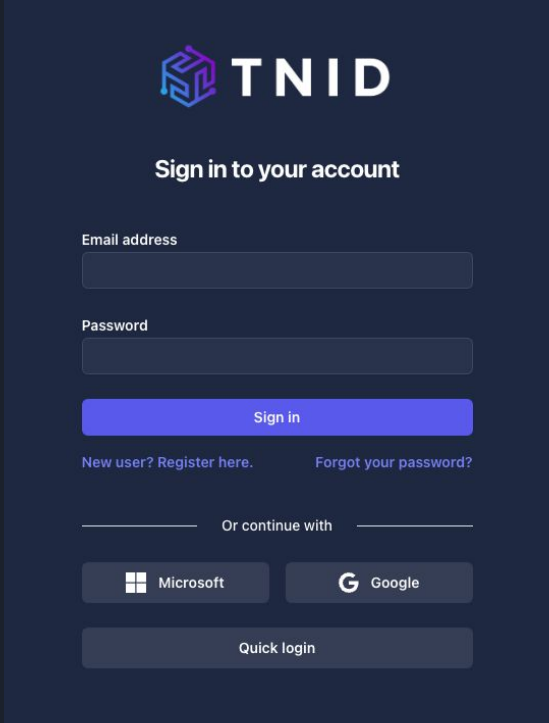
The Solution



TNID

LinkedIn - but better (less sales people?)

- Create a self-sovereign identity that is unique to you, with complete control over what is public vs. what is private with who you choose to share it with.
 - Use Microsoft or Google to get started! We aren't the big guys stealing your data.
- Instantly verify business and individual legitimacy in a world growing more complex with Gen AI fueling fake personas and fake companies.
- Help build a community focused on secure identity management and ensuring compliant communication channels.



The image shows a login interface for TNID (Trust Network ID). At the top is the TNID logo, which consists of a stylized 'T' and 'N' in blue and green, followed by the text 'TNID' in white. Below the logo is the heading 'Sign in to your account'. There are two input fields: 'Email address' and 'Password'. Below these fields is a blue 'Sign in' button. Under the button are two links: 'New user? Register here.' and 'Forgot your password?'. Below these links is a horizontal line with the text 'Or continue with' in the center. Under this line are two buttons: 'Microsoft' (with the Microsoft logo) and 'Google' (with the Google 'G' logo). At the bottom is a 'Quick login' button.

Solutions TNID Offers



Identity

- Create a self-sovereign identity that you can share with other platforms.
- Know that the Companies and Users you connect with are **REAL and verified** and not a bot or fake/malicious account.
- Remove the worry/risk of storing PII internally - let the user manage their vetted and verified self-sovereign identity externally with TNID
- Users provide self identifying information and valid government ID and become vetted within the system.
- **Invite others to join you easily and create a Relationship (e.g. professional, family, etc.) or create a Group for yourself and like-minded individuals**



Security

- Vet and verify that prospective vendors/partners have no legal risk associated with them, bad actors, or poor publicity associated with them.
- Increase your security by relying on a 3rd party partner to collect and update PII on your behalf.

×

Send new connection request

Name or Email

alex.eastwood@tsgglobal.com

Invite new user

"alex.eastwood@tsgglobal.com"

Cancel

Send

Solutions TNID Offers

Compliance / Consent

- Ensure that your communications to consumers are compliant with both Federal and rapidly changing state laws (CCPA, DNC lists, etc.)
- Get opt-in directly from the consumer through TNID, ensuring that your opt-in consent is valid and not fraudulent
- Host templated terms & conditions and privacy policies to ensure acceptance with CTIA and other industry regulators in the telco space
- Allow consumers to centrally manage their communications preferences with your Company across all communication channels (email, SMS, phone calls, RCS, etc.)
- Allow consumers to opt-in to specific categories of communication (e.g. marketing, support, 2FA/alerts, etc.)

×

Subscribe to news from Covington Technology LLC
Select the ways you want to receive communications

☒ Allow email communication?

Email

alex.eastwood@tsgglobal.com

☒ Allow calls over phone communication?

Phone number

14252437709

☒ Allow SMS communication?

Phone number

14252437709

☒ Allow company to see your personal information

Until when do you want to receive subscriptions (leave blank for no end date)

mm/dd/yyyy

At what time do you want to receive notifications?

Notification start

08:00 AM

Notification end

08:00 PM

Subscription topics

Support & Billing Marketing Critical 2FA/OTP

Privacy policy URL: [Link to Covington Technology LLC's privacy policy](#)

Cancel

Reject

Subscribe

Technical Sneak Peek



Technical Resources

Starting today!

Alpha API documentation is available for an initial review!

- a. Please visit [TnID v2 API Alpha Specifications](#) to preview our GraphQL API and the features/functions that will be available for you to play around with.

We have a staging environment GUI for you to also test/work in!

- b. Please contact us and we will invite you/create an account/ID.

If you have any questions about features within the GraphQL API documentation, or related to the GUI, please contact: support@tsgglobal.com with “TADHack 2024” in the subject line.

Please be advised that all documentation and features are subject to change and any data may be lost in these environments without notice.



WEB3 Use Cases

Web 3 Use Cases

1. **Decentralized Identity Management:** Use TNID to create decentralized identity management systems that give users control over their personal information.
2. **Blockchain-Based Communication:** Develop communication platforms that leverage blockchain technology to ensure secure, transparent, and tamper-proof communication.
3. **NFT Verification:** Create tools that use TNID to verify the authenticity and ownership of Non-Fungible Tokens (NFTs), enhancing trust in the digital asset market.
4. Create SSI based NFTs using proxy or existing mobile telephone numbers.
5. **Decentralized Finance (DeFi) Security:** Enhance the security of DeFi platforms by integrating TNID for identity verification and fraud detection.

By addressing these challenges with innovative solutions, you can revolutionize the telecommunications landscape, making it more secure, transparent, and user-friendly for both consumers and companies. Join the movement to create groundbreaking hacks with TNID and shape the future of communication, fintech, and web 3.

Digital Data Legacy Use Case

Storing "Five Wishes" with TNID and Blockchain

Five Wishes is a popular advance directive document that helps individuals express their end-of-life care preferences. By storing these wishes using TNID and blockchain, you can ensure that they are secure, tamper-proof, and easily accessible to authorized parties when needed.

1. **Immutable Records:** Once recorded on the blockchain, the "Five Wishes" document cannot be altered, ensuring that the individual's preferences are preserved exactly as intended.
2. **Access Control:** TNID can be used to manage access permissions, allowing only authorized individuals (such as family members or healthcare providers) to view the document.
3. **Transparency:** The blockchain provides a transparent record of when and by whom the document was accessed, ensuring accountability.

Use Cases for Storing Digital Data with TNID and Blockchain

1. Digital Will and Estate Planning

- **Secure Storage:** Store digital assets, such as cryptocurrencies, digital art, and other valuable digital files, on the blockchain using TNID for identity verification.
- **Automated Execution:** Use smart contracts to automate the distribution of digital assets according to the individual's wishes upon their passing.
- **Proof of Ownership:** Blockchain can provide irrefutable proof of ownership for digital assets, ensuring that they are distributed to the right beneficiaries.



Personalized AI-Use Case

A personalized AI can be a powerful tool for families, providing emotional support, managing finances, and enhancing organizational skills. By leveraging TNID and blockchain technology, developers can create a trusted AI that securely accesses and utilizes family-specific data to offer tailored and reliable services. Here's how such a personalized AI could be developed and its potential use cases:

Personal AI and Digital Legacy

- **AI Training Data:** Store personal data, such as emails, social media posts, and other digital communications, on the blockchain using TNID for identity verification to train a personal AI that can mimic the individual's communication style and preferences.
- **Digital Legacy:** The personal AI can be used to create a digital legacy, allowing loved ones to interact with a digital representation of the deceased, providing comfort and continuity.
- **Privacy and Security:** TNID ensures that the personal data used to train the AI is secure and only accessible to authorized parties.



Prizing Support

We're going to ask you to tackle a number of challenges, and will look favorably at hacks that demonstrate the following:

- Most creative use of TNID features that **empower consumers** and increase trust in communications
- Most creative integration of TNID features into a Web3/blockchain ecosystem
- Most creative integration of TNID features into an artificial intelligence (GPT) model
- Most creative integration of TNID features into an aspect of the Apple iOS ecosystem (e.g. Apple
- Use of TNID as a personal data authenticator App
- Wallet, NFC functionality, etc.)

More details regarding specific prizing coming soon.

We will require that you publish your hack publically to a GitHub repository for review.

Questions?

More details in a future technical session.

Burning questions? Please email us at:
support@tsagglobal.com with “TADHack 2024”
in the subject header and we’ll get back to you.