



IDENTITY

**New YouID release
supports Bitcoin
and Ethereum
blockchains**

**Verifiable Identity
controlled by You!**



The Magic
of Being You!™

What is YouID?

YouID is a powerful end-user tool for *generating Verifiable Credentials* that scale to both the Internet and Web.

Output from YouID takes the form of a secure *PKCS#12-compliant* credential document that's natively supported across *desktops, laptops, tablets, smartphones, wearables,* and *Internet-Of-Things (IoT) devices.*

Following installation of the credential document, the host operating system of your computing device will automatically handle the User Interface and Interactions necessary for subsequent Authentication and Authorization operations associated with Email Signing, Email Encryption, and Protected Resource Access via the Internet and Web.



The Magic
of Being You!™

Why is YouID important? (1)

Privacy and **identity authenticity** currently pose the biggest challenges to the deeply connected world arising from Internet and Web ubiquity. These challenges exist primarily due to the complex nature of identity, and the historic inability of technological solutions to address the challenges posed both to the individual and to society at large.

YouID provides a critical piece of the User-Controlled (or Self-Sovereign) Identity puzzle that enables —

- Sending Digitally Signed Email using the S/MIME protocol
- Sending Encrypted Messages (email and otherwise), when desired
- Sharing Documents with friends, family, and chosen others over the Web and Internet, without needing Third-Party Accounts

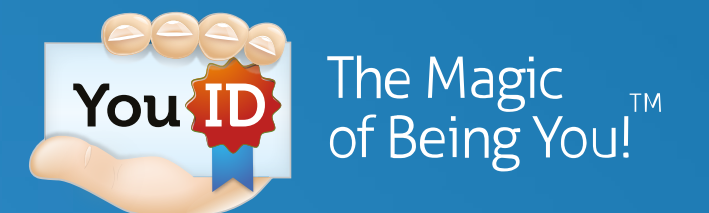


Why is YouID important? (2)

Grounding Rule:

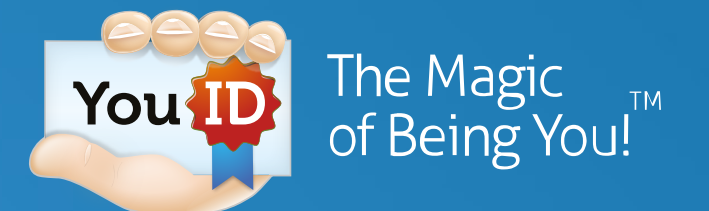
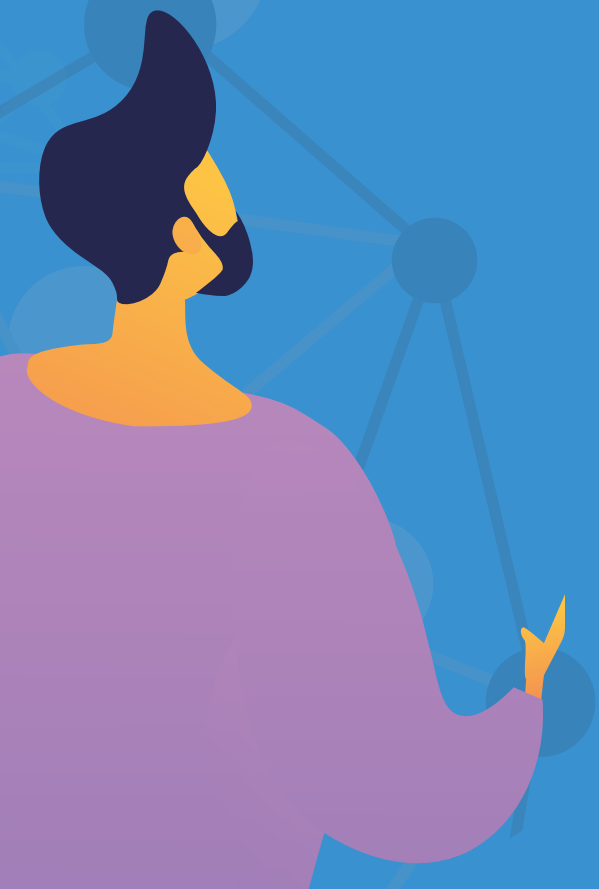
A third party cannot provide an individual with privacy, since that is a strictly individual superpower.

That rule provides both the technical and philosophical foundation upon which YouID has been developed.



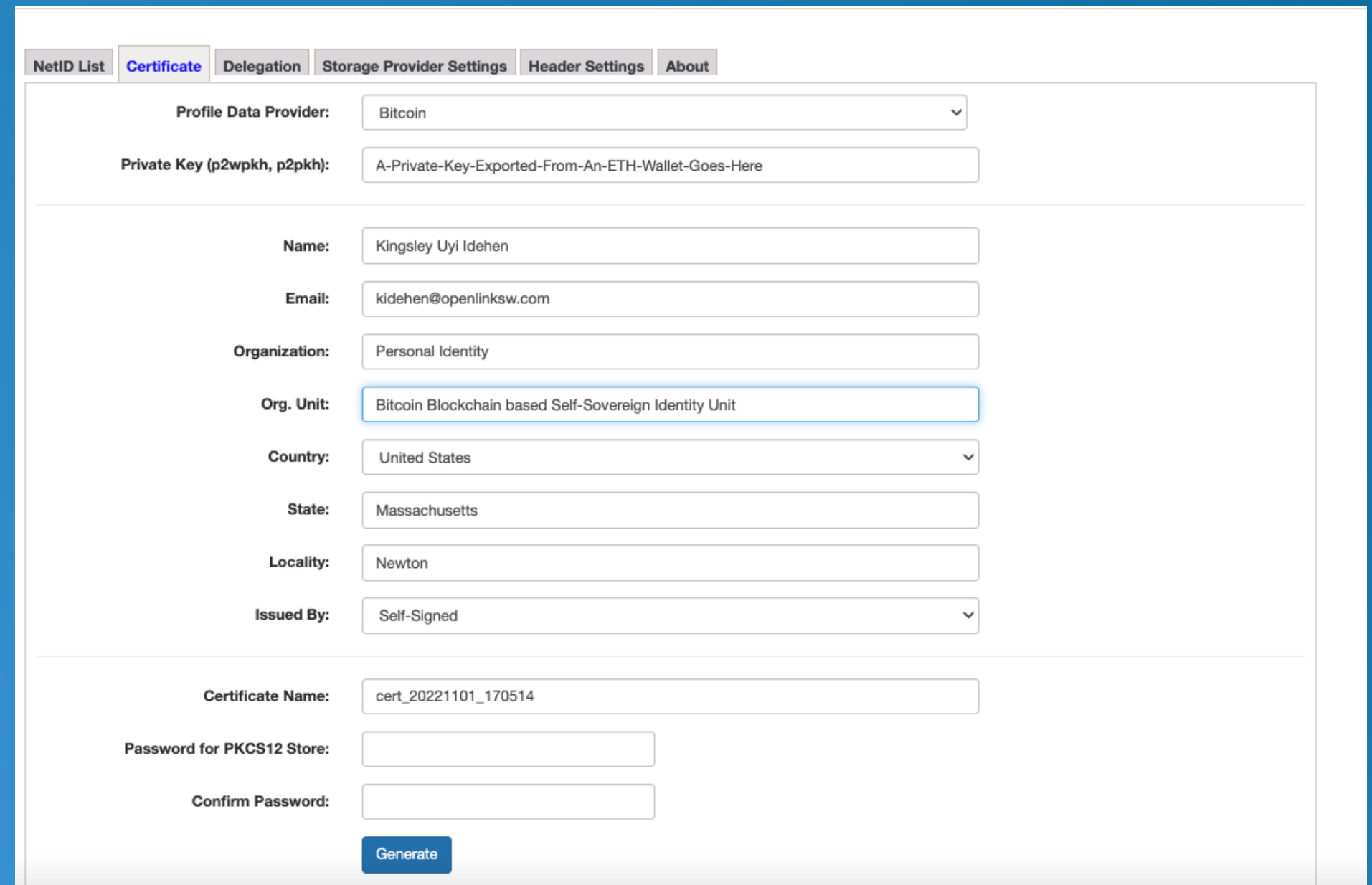
What's New?

As of version 1.5.12, YouID supports **Bitcoin** and **Ethereum blockchains** as sources of credentials for **self-sovereign identity authenticity** that work without incurring any **“gas fees”** nor triggering any **“proof of work”** or **“proof of stake”** related operations.



Usage Example — Generating credentials via Bitcoin Blockchain

Copy a Private Key, ideally one designated for Self-Sovereign Identity usage, from your local wallet.



The screenshot shows the 'Certificate' tab of the NetID web interface. The interface includes a navigation bar with tabs for 'NetID List', 'Certificate', 'Delegation', 'Storage Provider Settings', 'Header Settings', and 'About'. The 'Certificate' tab is active. The form contains the following fields:

- Profile Data Provider:** A dropdown menu set to 'Bitcoin'.
- Private Key (p2wpkh, p2pkh):** A text input field containing 'A-Private-Key-Exported-From-An-ETH-Wallet-Goes-Here'.
- Name:** A text input field containing 'Kingsley Uyi Idehen'.
- Email:** A text input field containing 'kidehen@openlinksw.com'.
- Organization:** A text input field containing 'Personal Identity'.
- Org. Unit:** A text input field containing 'Bitcoin Blockchain based Self-Sovereign Identity Unit'.
- Country:** A dropdown menu set to 'United States'.
- State:** A text input field containing 'Massachusetts'.
- Locality:** A text input field containing 'Newton'.
- Issued By:** A dropdown menu set to 'Self-Signed'.
- Certificate Name:** A text input field containing 'cert_20221101_170514'.
- Password for PKCS12 Store:** An empty text input field.
- Confirm Password:** An empty text input field.

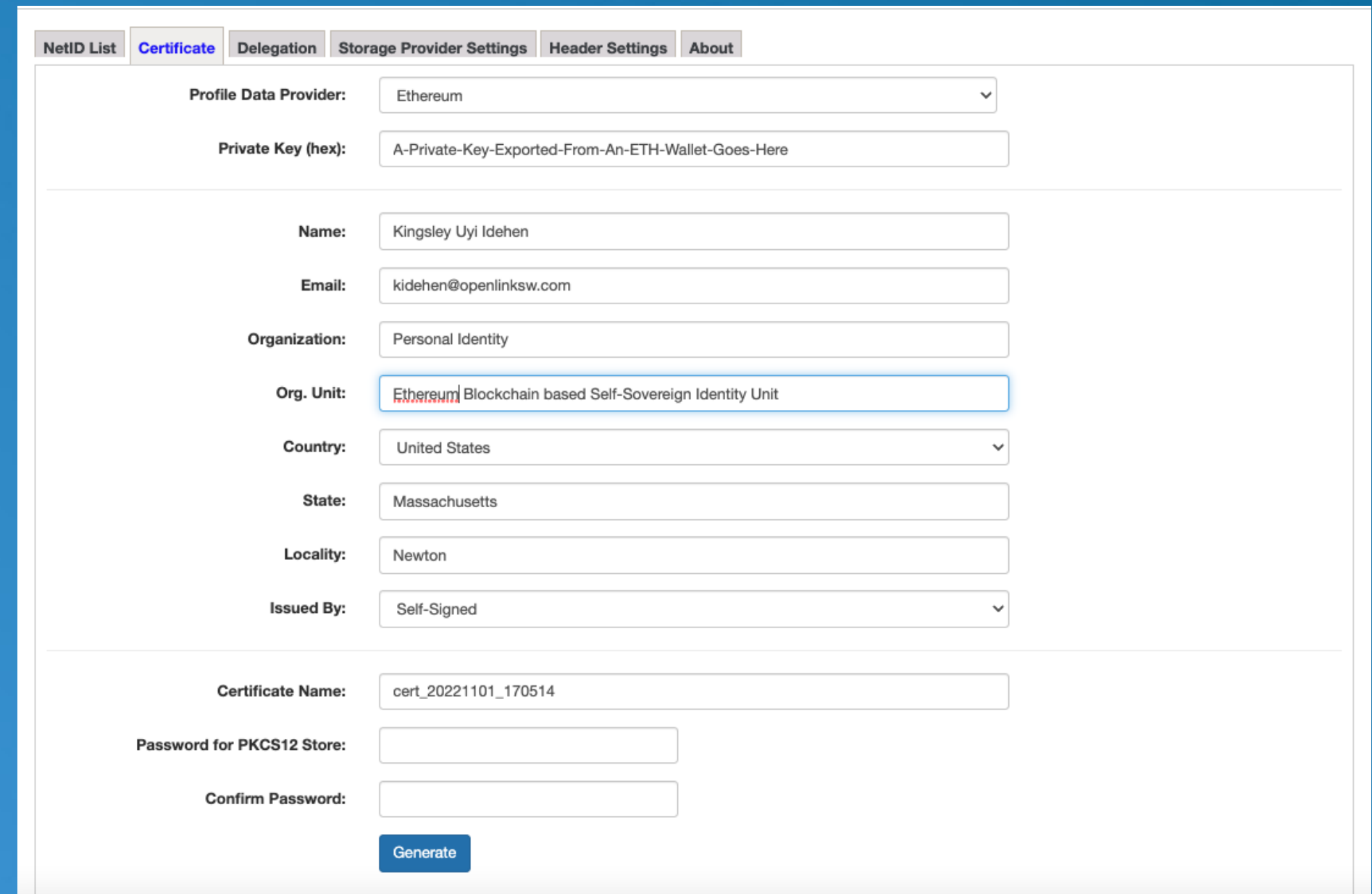
A blue 'Generate' button is located at the bottom of the form.



The Magic
of Being You!™

Usage Example — Generating credentials via Ethereum Blockchain

Copy a Private Key, ideally one designated for Self-Sovereign Identity usage, from your local wallet.



The screenshot shows a web interface for generating a certificate. At the top, there are navigation tabs: "NetID List", "Certificate" (which is active), "Delegation", "Storage Provider Settings", "Header Settings", and "About". The form is divided into several sections. The first section, "Profile Data Provider", has a dropdown menu set to "Ethereum". Below it is a text input field for "Private Key (hex)" containing the placeholder text "A-Private-Key-Exported-From-An-ETH-Wallet-Goes-Here". The second section contains personal information fields: "Name" (Kingsley Uyi Idehen), "Email" (kidehen@openlinksw.com), "Organization" (Personal Identity), "Org. Unit" (Ethereum Blockchain based Self-Sovereign Identity Unit), "Country" (United States), "State" (Massachusetts), and "Locality" (Newton). The "Issued By" dropdown is set to "Self-Signed". The third section includes "Certificate Name" (cert_20221101_170514), "Password for PKCS12 Store" (empty), and "Confirm Password" (empty). A blue "Generate" button is located at the bottom of the form.



The Magic
of Being You!™

YouID User Experience Workflow (1)

Simply perform the following steps:

1. Launch the browser extension or iOS app
2. Select your preferred source of profile information
3. Fill in any empty fields remaining in the credentials data entry form
4. Generate a credential document — a secure file comprising a digital identity card (a/k/a certificate) and its associated private key
5. Download the secure credential document to your desktop, notebook, tablet, or phone
6. Open the credential document on your chosen device, and let the native operating system complete the process of storing your credential safely in its native credential store (a/k/a Keychain or Key Store)



The Magic
of Being You!™

YouID User Experience Workflow (2)

Once completed, you will be able to perform the following tasks:

- Send digitally signed emails that can be verified by the recipients email package
- Send digitally signed and encrypted emails that can be verified and decrypted by the recipients email package
- Sign PDFs, including documents sent for signature by various digital signing services
- Begin document sharing with specific individuals or groups, without requiring sharing-invitation recipients to join third party services



The Magic
of Being You!™

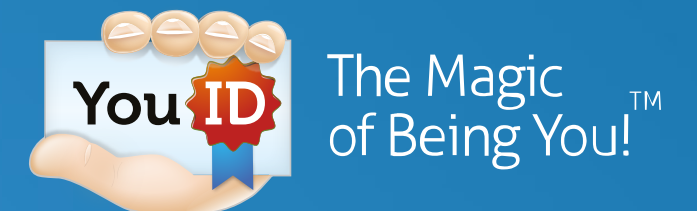
What are the Benefits of Verifiable Credentials?

- Digitally Signed Email — enables message receivers to verify the identity of the sender
- Encrypted Email — assures the message sender that the content will only be readable by a specific recipient
- Better Email Inbox Management via Smart Filtering for SPAM Control
- Attribute-Based Access Control — ensures that shared photos, music, and other digital artifacts can only be accessed by designated individuals, groups, or custom collectives defined by their attributes



How Do I Get Going?

- [Chrome Store](#) — Download the browser extension
- [Firefox Browser Add-Ons](#) — Download the browser extension
- [YouID Home page](#) — Create a Digital ID Card
- [Apple iOS App Store](#) — Download the YouID Credentials Generator



ADDITIONAL INFORMATION

- [YouID Home Page](#)
- [Apple App Store Page](#)
- [OpenLink Software Home Page](#)
- [OpenLink Software Weblog](#)
- [OpenLink Software Community Forum](#)

