

Covid, Business, Government & LSSI



Guy Huntington, President, Huntington Ventures Ltd., May 21, 2020

The Problems We're Addressing

- How to enable people to anonymously, legally, prove they've been Covid vaccinated, physically or digitally
- \$42 billion dollar annual advertising fraud
- Tens of millions of identity fraud cases annually
- Proving you're a human, not a bot, and above or below age of consent, physically and digitally, anonymously

Our Premise

- The underlying legal physical and digital identity framework is broken
- We're using technology from the middle ages, paper, to document human births, deaths etc. There's no ability to cross-search civil registration vital statistics systems, no data standards, resulting in large scale identity fraud both physically and digitally.
- Even if this exists, it still won't solve the problem. Why? There's no ability to tie the person holding the piece of paper/digital document to the actual human identity.
- AI system/bots are now able to masquerade as humans, resulting in large scale misinformation, business fraud, etc.
- Thus, it requires a complete rethink of human and AI system bot legal identities

The Solution Framework

- Convert existing legal identification devices, e.g. driver's licenses, identity cards, national ID cards, et al to NFC devices to global standards
 - NFC is Near Field Communication Cards just like your credit card
- Create global standards for:
 - Digital driver's licenses, identity cards et al
 - CRVS data plus a global query for CRVS systems, allowing one CRVS to instantly query all other CRVS systems
- Obtain iris and fingerprints at birth, enter this into the CRVS system, tying the physical identity to the CRVS event

The Solution Framework

- For each CRVS event, allow the CRVS system to create:
 - A blockchain like transaction for each CRVS event, without naming the actual identity
 - Create a hash, encrypt this and write to the NFC card and/or digital app
 - Also write an attestation proving the person is a human and above or below age of consent allowing a person to legally act anonymously
- Use a similar approach for Covid vaccinations, allowing the health authority to write to the NFC card/digital legal app proving the person has been Covid vaccinated
 - Also obtain a face image which is hashed and written to the physical LSSI card and/or digital legal app

Create a New Legal Self-Sovereign Identity (LSSI)

- All of the above creates a new legal tool the person controls, allowing them physically and digitally to:
 - Prove they're a human, not a bot, and if they're above or below age of consent
 - Anonymously prove they've been Covid vaccinated
 - Use the LSSI to release portions of their legal identity, with their consent, to enterprises, governments, etc.
 - Manage the legal identities of their children and people for whom they're Power of Attorney for, etc.
 - Interact with businesses and people, digitally and physically, as they walk down a street
 - Examples are the best way to explain this using Jane Doe...

Proving She's Been Covid Vaccinated

- Jane approaches a physical barrier like an entrance to a subway station
- She's preconfigured both her physical and digital LSSI to broadcast out her Covid vaccination anonymously
- She taps her physical LSSI, or phone with her legal digital app against the NFC sensor
- It takes the information, checks the hashed entry against the blockchain entry, see's it's valid, then compares Jane Doe's face against the image sent from the LSSI, and instantly shows a green check mark, letting her in

Jane Goes Shopping

- Read this recent LinkedIn post to see an example of Jane Doe walking down a shopping mall:
 - https://www.linkedin.com/pulse/advertising-fraud-identity-future-guy-huntington?trk=portfolio_article-card_title
- It shows Jane in control of her legal identity both physically and digitally as she walks down the mall
- It also shows how the world of advertising and marketing will change, significantly reducing the \$42 billion dollar ad fraud enterprises are currently paying for
- Advertisers will pay variable amounts for Jane's identity, e.g.
 - Pay less for her proving she's a human and not a bot anonymously
 - Pay more for her consenting to release increasing amounts of her legal information

Jane Takes Her Child to It's First Day of School

- Jane supplies her physical/digital LSSI proving it's her
- She supplies her child's LSSI proving it's the child, and she's her parent/legal guardian
- She provides her consent for the child's Covid vaccination to be proved via her child's LSSI
- She provides her consent to the school to only use her child's anonymous legal identity if they're using AI/AR/VR environments on a time limited basis, e.g. expires the end of the school year
- Any exceptions where the school wants to use her child's legal identity will have to be obtained from Jane on a case by case basis

Jane Wants Her Parents to Look After Her Child For a Month

- Jane provides her legal consent to her parents to legally administer Jane Doe's identity for a month
- Her parents can now, with limitations, prove their grandchild's identity to others. e.g. hospitals, friends the child is playing with using AI/AR/VR technology, etc.

Jane Applies for A Job

- Jane gives her consent during the recruiting process, either physically or digitally, by providing her LSSI
- The employer now knows who Jane Doe is and takes her full legal identity plus contact information and enters it into their data systems

Jane Loses Her LSSI Card/Digital Legal App

- Jane notifies the government authorities she's lost it
- They ask her to provide her consent to release her biometrics
 - She agrees
- They securely obtain her iris scan and fingerprints and send it to the CRVS to legally confirm it's Jane
- They revoke her old LSSI card and digital legal app
- Reissue her with another

Rapid Rate of Change

- This diagram shows a logarithmic rate of technological change, outstripping our cognitive abilities to keep up
 - <https://hvl.net/pdf/PatScannellHockeyStickShapedCurve.pdf>
- In practical terms, it means today's best legal identity verification system can quickly become tomorrow's turd
- To address this, we're proposing creation of a global, independent, legal identity test centre, continuously doing threat assessments
- All jurisdictions will respond in the same manner, e.g.
 - A very low threat might take months or longer to address
 - A very high threat will be responded to in hours
- Thus, we're bringing industry best practices to the world of legal identity

Timing in Life is Everything

- Covid vaccination requires a standardized global way of proving you've been Covid vaccinated both digitally and physically
- The huge ad fraud rates of \$42 billion needs to be addressed by rethinking human and bot legal identity
- Politicians are losing control of their ability to message due to bots
 - Read the end of this recent presentation I gave to ASU, where I discuss why politicians will be driven into this
 - <https://hvl.net/pdf/ArtificialIntelligenceGovernanceIdentificationMar132020GH.pdf>
- Thus we feel we are at the right time, with the right message, with a viable framework, which will sustain as technology changes

We Need Your Help

- If what's you've read in this presentation resonates with you, then we need your assistance
- We're quickly fundraising for money to produce two videos, aimed at government and business leaders, showing them examples used in this presentation
 - Cost USD \$110k
- We also could use your support to begin lobbying governments and business groups on why they should be supporting implementation of LSSI
- Thanks for taking your valuable time to read this!

My Contact Information

- Guy Huntington
- Cell: 1-780-289-2776 (I live in West Vancouver, BC, Canada)
- Email: guy@hvl.net
- Web: <https://www.hvl.net/>
- LinkedIn: <https://www.linkedin.com/in/ghuntington>