

## Transformational Learning Vision



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## Vision:

What if all learners around the planet, regardless of where they live:

- When they're born, are given by the CRVS (Civil Registration Vital Statistics) their own personal database called a "**Source of Legal Identity & Credential Truth**" (**SOLICT**), and also devices, both physical and digital, to prove their legal identity called "**Legal Self-Sovereign Identity**" (**LSSI**)
- This contains their legal identity as well as their forensic biometrics (fingerprints and iris scan)
- They also can leverage their own **AI leveraged PIAM (Personal Identity Access Management)** service. They can choose to use it allowing them to pre-set consent agreements (or refuse consent agreements) which the PIAM automatically executes
- All consents given from cradle to grave are stored in their SOLICT
- These tools offer the person an easy ability to control their own legal identity, as well as prove, either physically or digitally, their legal relationships e.g., parent/child
- When they're a toddler, they're given an in-depth learning assessment by a physical bot
- It takes in a variety of data and creates for each learner a "**Digital Learning Twin**" (**DLT**) which is legally tied to the learner's physical legal identity
- It then produces a highly customized "**Individualized Education Plan**" (**IEP**) finely tuned to their learning abilities, abilities to work with others, etc.
- The learning assessment can catch early on learning challenges like ADHD, ASD, etc.
- All learning data gathered from the learner is stored in their "**Learner Data Vault**" which the learner controls i.e., it's now no longer stored in school data systems
- Each learner is given a personal learning assistant bot, AssistBot, to assist them learning in their home
- The bot continually takes in data from a variety of sensors, updating the DLT and IEP
- Depending on the learner's abilities/challenges, the bot might call in human learning specialists, recommending different learning situations/strategies with and without tech, etc.
- When the learner goes to school, their parents/legal guardians prove the learner's legal identity via their (LSSI), their legal relationship to the child, as well as the legal identity of AssistBot
- The parents, with their consent granted from either their LSSI devices or their PIAM, agree for the school to integrate their child and AssistBot, as well as integrating the child's DTP and IEP into the school's "**Learning Management System**" (**LMS**)
- Now the school, from the first day of school, has an in-depth understanding of the learner, able to produce a finely grained learning plan for the learner
- The learner is in a geography course, leveraging an **AI/AR/VR environment (Artificial Intelligence/Augmented Reality/Virtual Reality)** taught by Sally Goodteacher, who's located on the other side of the planet
- She's assisted by two teaching assistant bots, BobBot and PattyBot. All their legal identities and teaching credentials are proved via their LSSI's/PIAM

- The learner’s parents give their consent, via their LSSI devices or PIAM, for the learner to enter and use these types of learning environments, with authorization to only use their first name and no gender. As well their authorization agreements also include how the learner’s learning data can and can’t be used, shared, stored, archived, and deleted
- All the other fellow students in the learning environment also have similar consent agreements, created on the fly, as they enter the environment. All of these are stored in their SOLICTs.
- When the learner gains learning credentials, these are written from the local education authority to the learner’s SOLICT, digitally signing them. Thus, each learner is now also in control of their learning credentials. They can easily prove this either physically or digitally, when applying for jobs, post-secondary education, trades, etc.
- When the learner comes of legal age, they gain control of their DLT and their learner data vaults
- With their consent, they can provide this to employers, post-secondary institutions, etc. This allows them to instantly know what the learner knows, how they learn, and how to cost-effectively teach/train them
- No learner is left behind on the planet regardless of their abilities, disabilities or where they live

## Questions Re The Vision:

- Is all the above easily possible today? No
- Is the tech emerging allowing it to be proof of concept, piloted and implemented? Yes
- Does it require lots of new infrastructure? Yes
- Will it change the world of education and learning overnight? No
- Will it begin to transform the world of learning over the next 10 years? Yes
- Is this easily possible in remote and poor parts of the planet? No
- Do I have a plan addressing this? Yes
- What will all the above cost over three years? Between \$21-35 billion
- **Why will governments fund this? National security**

## Articles Illustrating the Vision

- [“Learning Journey of Two Young Kids In A Remote Village”](#)
- [“Sir Ken Robinson – You Nailed It!”](#)

## My Message To Government & Industry Leaders

- [“Why Should Your Government Fund The Architectures?”](#)
- [“National Security – Reduce Risk By Instantly Determining Entity Friend From Foe”](#)
- [“Give Your Industry A Significant Competitive Edge“](#)
- [“An Identity Day in the Life of Jane Doe”](#)
- [“Sir Ken Robinson - You Nailed It!”](#) to understand how it will transform learning
- [“National Security, Co-Design & People With Disabilities.”](#)
- [“Why Should You Read The 500 Page Cost Centre Document?”](#)
- [“Budgetary Costs to Deploy a New Learning Architecture Leveraging a Rethought Legal Identity”](#)

You’re facing a rapidly rising national security risk from the Evil Inc.’s and malicious states leveraging AI in one jurisdiction on the planet to create increasingly smart malicious digital bots at speeds of thousands or more per second. In the next second they’re operating in your jurisdictions, causing increasing levels of havoc. Without an ability for your citizens, companies, enterprises, and different levels of government to instantly determine entity friend from foe, they’re screwed.

**The architecture solves this. It also enables your industry to rapidly innovate and rethinks learning for a learner from a toddler until they’re old.**

Further, the feds MUST fund this for their local states/provinces. Why? The local jurisdictions control legal identity. Time is of the essence. Thus, the architecture budgets allocate one time subsidies for each local jurisdiction of between \$500-900 million to make them want to rapidly participate.

## National Security & Kids

Skim this article:

- [“Kids, National Security, Sex, Learning, Privacy, Disabilities & Laws”](#)

## Architecture

Skim these three docs:

- [“Rethinking Human Legal Identity”](#)
- [“Creating AI Systems/Bots Legal Identity Framework”](#)
- [“Learning Vision Flyover”](#)

## To Do A Deeper Dive

Skim these docs:

- [“Cost Centres Rethinking Legal Identity Learning Vision”](#)
- [Guesstimate Costs Rethinking Legal Identity & Leveraging This to Rethink Learning \(Excel Spreadsheet\)](#)

## Strategy to Fund, Design, Deploy & Maintain

My strategy is to NOT tell the planet what a wonderful idea all the above it. Instead, I’m focusing on only a few countries, targeting their:

- National security agencies
- Local state/provincial departments/ministries responsible for:
  - CRVS (Civil Registration Vital Statistics)
  - K-12 education
  - Post-secondary education
  - Industry innovation
  - People with disabilities
  - Privacy
- Major chambers of commerce in the country and local state/provinces
- National and local privacy associations
- National and local associations focusing on disability
- Leaders/policy makers of the national and local state/provincial governments

## I Love This Quote

**“Only a crisis -actual or perceived -produces real change. When that crisis occurs, the actions that are taken depend on the ideas that are lying around. That, I believe, is our basic function: to develop alternatives to existing policies, to keep them alive and available until the politically impossible becomes the politically inevitable.”** – Milton Freidman

## Summary - We’re Entering A Major Paradigm Shift

Where our old ways won’t work well anymore. Thus, it requires out of the box thinking for our out of the box times. That’s what the architecture delivers.

## About the Author:

Guy Huntington is a veteran, trail blazing identity architect, program and project manager who's lead as well as rescued many large identity projects with many of them involving identity federation. His past clients include Boeing, Capital One, Kaiser Permanente, WestJet, Government of Alberta's Digital Citizen Identity and Authentication Program and Alberta Blue Cross. As one of his past clients said "He is a great find, because he is able to do high quality strategic work but is also well-versed in project management and technical details, so he can traverse easily from wide to deep. With Guy, you get skills that would typically be encompassed in a small team of people."

For the last eight years, he's been thinking, writing, and searching for new pieces with which to rethink both human and AI System/Bot legal identities, as well as also rethinking learning. He now has an architecture and plans addressing this and is in discussions with several countries to fund and deploy.

Guy consults on this.

