

One Pager - The Age of AI, AR, VR, Robotics and Human Cloning

The planet's facing a technological tsunami approaching our shores via the combination of:

- Artificial intelligence (AI)
- Augmented reality (AR)
- Virtual reality (VR)
- Robotics (both virtual and physical)
- Genetic engineering
- Nanotechnology
- Wireless communication

The result is what Wired Magazine recently called “Mirrorworld”

(<https://www.wired.com/story/mirrorworld-ar-next-big-tech-platform/>). It's a world where the lines between virtual and physical blur.

Couple this with genetic engineering and human cloning. Today a company, Boyalife, in China is working at cloning 100,000 cows a year going to 1 million

(<https://www.boyalifegroup.com/our-business/genomics/>). In 2015, [their CEO publicly stated they could clone humans but weren't](#).

In Israel, scientists recently said, within a year, they may be able to offer a complete cure for cancer (<https://www.forbes.com/sites/robinseatonjefferson/2019/01/29/israeli-scientists-say-they-will-have-a-complete-cure-for-cancer-within-a-year/#431e18cc3621>).

It will change our ideas of who we are, what we can do, who we can do it with and how we work, live and play.

This revolution not only changes our perception of ourselves and our world BUT, brings new challenges in identity and data privacy. Simply walking down a block will generate LOTS of information, EVERY SECOND, about yourself, your body, your behavior, your emotions, where you look, eyeblinks per second, etc. It affects children, teens and adults.

The tsunami requires new legal frameworks for identity, data and consent, where we, the citizens, can control our identities, biometric/behavioral data AND where children are protected. It must be global in scope.

Readers should refer to “[Policy Principles for AI, AR, VR, Robotics & Cloning - A Thought Paper](#)” for suggested principles to create new laws with, “[Who am I?](#)” for listings of the 19 papers I've written on this and “[The Identity Lifecycle of Jane Doe](#)” for a practical example of the effects of the new age identity, data and consent legal framework.

About the Author

Guy Huntington is a veteran 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."

