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**Surveillance and Privacy Concerns regarding mitigating the effects of alcohol fuelled injury  
and violence**

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My name is Greg Nikolettos and I have sat back and watched the surveillance crawl entering into Australia at such a rapid rate, that I need to sound the alarm. My background is in Information Technology and having worked for Fortune 500 companies including Apple and Xerox, I have an excellent understanding of biometrics, emerging technologies and the real threat of total erosion of civil liberties through the harvesting of personnel and unique information relating to Australian Citizens. These unique identifiers are harvested and stored on so called 'secure systems and servers', with the premise of 'guilty' before innocent and the old worn adage "if you've got nothing to hide why should you be worried? "

As these examples below shows, these systems are not secure and never will be, yet we are expected to give up more and more biometrics identifiers that can be spoofed and cloned?

**Crime of the future--biometric spoofing**

<http://www.zdnetasia.com/techguide/security/0,39044901,39376855,00.htm>

**New ID cards are supposed to be 'unforgeable' - but it took our expert 12 minutes to clone one**

<http://www.dailymail.co.uk/news/article-1204641/New-ID-cards-supposed-unforgeable--t>

When one looks at the biometric options available including and not limited to:

Signature Recognition , Typing Recognition , DNA Matching , Ear , Odour , Gait , Face Recognition , Iris Recognition , Retina Recognition, Fingerprint Recognition , Finger Geometry Recognition , Hand Geometry Recognition , Voice / Speaker Recognition:

We can see governments and corporations are moving into a multimodal biometric world where more than one biometric is matched to the person, fusing the identity to the person but not addressing the hacking and security flaws. We need to as a society draw a line from insecure systems and unscrupulous people managing these databases. The next step evolutionary step from biometrics is fMRI [brain scanning] to determine intent and then the ultimate invasion to privacy, namely the human implantable microchip?

Let's take a snapshot of some of the news articles from Australia and around the world:

**Nightclub goes for face-scanning security - Chasers nightclub in Chapel St-Victoria**

[www.chasersnightclub.com.au/](http://www.chasersnightclub.com.au/)

**Privacy Fears on Post Office Push as Australian Post office install biometric scanners**

<http://www.heraldsun.com.au/news/privacy-fears-on-post-office-push/story-e6frf7jo-1225788507694>

**Police train to forcibly draw blood from drunken driving suspects**

[http://article.wn.com/view/2009/09/13/Police\\_say\\_syringes\\_will\\_help\\_stop\\_drunk\\_driving\\_2/](http://article.wn.com/view/2009/09/13/Police_say_syringes_will_help_stop_drunk_driving_2/)

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## **Manchester Airport's introduces a full-body, human X-ray scanner**

<http://www.spiked-online.com/index.php/site/article/7551/>

## **3D Fingerprinting - More Accurate, Faster, Touchless**

<http://singularityhub.com/2009/10/12/3d-fingerprinting-more-accurate-faster-touchless/>

## **Security Checks reach your brain [fmri brain scanning]**

<http://singularityhub.com/2009/05/14/security-checks-reaching-towards-your-brain/>

## **Nowhere to Hide – Liz Hayes from 60 Minutes – Includes the human implantable microchip**

<http://sixtyminutes.ninemsn.com.au/stories/864895/nowhere-to-hide>

## **Human Microchipping**

Next we need to address that a world patent exists for the only human implantable microchip namely Verichip [trades as CHIP on the NASDAQ]. Verichip is also FDA approved which generally aids faster 'TGA - Therapeutic Goods of Australia' listings for medical or therapeutic devices if one looks at the body of evidence.

Just last week we saw the release of a full fledged TV campaign beginning in the USA with the video going viral on the internet with concern that we are now living in a world where a human microchip exists. As I am generally pro technology I also realise this needs to be balanced with the right to privacy and also the right to my inalienable human rights where no employer or government can force this invasive solution without consent.

Below are the facts relating to microchipping in the following demographics with all being documented and referenced: Alzheimer patients, military personnel, illegal aliens, guest workers, HIV-Positive People in Indonesian Province, VIP chipping to get into clubs from Spain to Holland

- In 2005, VeriChip tried to chip the residents of Orange Grove Center, a facility in Chattanooga, Tennessee, that cares for the developmentally disabled. VeriChip offered to inject the devices for free to promote its product, but was ultimately rebuffed when the public questioned whether it was ethical to chip people who could not give informed consent. [1]
  - Also in 2005, Tommy Thompson, former Secretary of Health and Human Services and 2008 presidential candidate, joined the board of directors for the VeriChip Corporation. He has used his Bush administration connections to promote the device, and has appeared on national television suggesting that every American should receive a VeriChip implant to link to their electronic medical records. Thompson also suggested using the VeriChip to replace dog tags in our armed forces. [2]
  - The VeriChip Corporation claims to have been in talks with the Pentagon about implanting RFID tags into military personnel. [4]
  - VeriChip CEO Scott Silverman publicly suggested that the U.S. government adopt the VeriChip implant to tag and track legal immigrants and guest workers. [Note: It is unclear to us how chipping documented immigrants will solve the problem of illegal immigration.] [5]
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- The Congressional Record shows that Colombian President Álvaro Uribe told Senator Arlen Specter that he would consider chipping guest workers before allowing them to leave Colombia for the United States. [6]
- During the September 2005 Supreme Court confirmation hearings for Justice John Roberts, Senator Joseph Biden commented, "Can a microscopic tag be implanted in a person's body to track his every movement? There's actual discussion about that. You will rule on that — mark my words — before your tenure is over." [7]
- In 2004, employees of the Mexican Attorney General's office were asked to receive a chip implant to access a secure document room. Eighteen were actually chipped, and those who refused were reportedly reassigned. [8]
- In 2006, two employees of CityWatcher, a Cincinnati, Ohio, video surveillance company were implanted with VeriChips to access a secure room. While the company reportedly did not require the workers to get chipped, the incident worried employees around the country. Could employers make taking a chip a condition for employment? [9]
- New Jersey's oldest and largest insurer, Horizon Blue Cross and Blue Shield, is currently working with the Hackensack Regional Medical Center and VeriChip to develop a business case for the chipping of people. Privacy and civil liberties advocates caution that insurers could one day require customers to get chipped, or they could offer significant premium penalties for those who refuse. [10]
- IBM holds a major stake in the VeriChip Corporation. IBM has sworn public documents on file at the United States Patent and Trademark office detailing how marketers and government agents can track humans with RFID technology. [12] [13]
- IBM and VeriChip have set up a test laboratory in Austin, Texas, to explore the case for human chipping. [14]
- Bill To Implant Microchips In 'Sexually Aggressive' HIV-Positive People In Indonesian Province Generates Support, Criticism [15]

High tech aids or tracking tools? VIP Club Members tagged for drinks [16]

1. Emily Berry, "Chips Spark Ethics Concerns," Chattanooga Free Press, 4 November 2005, available at [http://www.cephas-library.com/nwo/nwo\\_chips\\_spark\\_ethics\\_concerns.html](http://www.cephas-library.com/nwo/nwo_chips_spark_ethics_concerns.html), accessed 6 February 2007.

2. Katherine Albrecht, "Transcript of Interview with Tommy Thompson Former U.S. Secretary of Health and Human Services," 11 July 2005, available at <http://www.spychips.com/devices/tommythompsonverichip.html>.

3. Katherine Skiba, "Bid for president called a long shot, Thompson launches PAC, considers run for White House," JSOnline, 14 October 2006, available at <http://www.jsonline.com/story/index.aspx?id=519075>, accessed 6 February 2007.

4. David Francis and Bill Myers, "Company Trying to Get Under Soldiers' Skin," Examiner.com, 21 August 2006, available at [http://www.examiner.com/a-232630~Company\\_trying\\_to\\_get\\_under\\_soldiers\\_skin.html?setEdition=Miami](http://www.examiner.com/a-232630~Company_trying_to_get_under_soldiers_skin.html?setEdition=Miami), accessed 6 February 2007.

5. Fox News, "Transcript of the Fox & Friends interview with Scott Silverman, Chairman of the Board of VeriChip Corporation," 16 May 2006, available at <http://www.spychips.com/press-releases/silverman-foxnews.html>, accessed 6 February 2007.

6. Associated press, "Report: Colombian President Would Consider Immigrant Tracking With Microchips," FoxNews.com, 4 May 2006, available at <http://www.foxnews.com/story/0,2933,194337,00.html> , accessed 6 February 2007.
7. WashingtonPost.com, "Transcript: Day One of the Roberts Hearings," 13 September 2005, available at <http://www.washingtonpost.com/wp-dyn/content/article/2005/09/13/AR2005091300693.html>, accessed 6 February 2006.
8. Will Weissert, "Microchips Implanted in Mexican Officials," MSNBC, 14 July 2004, available at <http://www.msnbc.msn.com/id/5439055/>, accessed 6 February 2007.
9. Katherine Albrecht and Liz McIntyre, "Two U.S. Employees Injected with RFID Microchips at Company Request," Spychips.com, 9 February 2006, available at <http://www.spychips.com/press-releases/us-employees-verichipped.html> , accessed 6 February 2007.
10. M.L. Baker, "Insurers Study Implanting RFID Chips in Patients," eWeek.com, 19 July 2006, available at <http://www.eweek.com/article2/0,1895,1991150,00.asp> , accessed 7 February 2007.
12. John R. Hind et al, "Identification and Tracking of Persons Using RFID-tagged Items," US Patent Application # 20020165758, assigned to IBM. Filed 3 May 2001.
13. Hind et al, "Identification and Tracking of Persons Using RFID-tagged Items in Store Environments," US Patent # 7,076,441, assigned to IBM, filed on 3 May 2001, granted 11 July 2004.
14. Health Data Management, "VeriChip, IBM Demonstrate RFID Tech," 12 September 2005, available at [http://www.healthdatamanagement.com/portals/article.cfm?type=mobile\\_tech&articleId=12531](http://www.healthdatamanagement.com/portals/article.cfm?type=mobile_tech&articleId=12531) , accessed 6 February 2007.
15. Bill To Implant Microchips In 'Sexually Aggressive' HIV-Positive People In Indonesian Province Generates Support, Criticism <http://www.medicalnewstoday.com/articles/130869.php>

In summary we need to understand that technology will continue to evolve but we as a country are moving into slippery slope territory as once the adoption of biometrics has been embraced , the next progressive steps are fMRI [brain scanning] and then ultimately the human microchip.

I hope the body of evidence and my background showcases there is no science fiction anymore but we as a nation need to address these emerging technologies whilst still preserving our right to privacy and free will.

I love my country and I am worried where we are heading as a nation.

Greg Nikolettos