



Pentagon: Lasers That Beam Messages Into Your Head

Talking lasers can send audible messages directly into your head from up to hundreds of miles away. When perfected, this technology will be used by military and civilian applications to control crowds and individuals. □ TN Editor

Military scientists at the Pentagon are developing 'talking' lasers which can beam warnings straight into the enemy's head from hundreds of miles away.

Weapons researchers at the [Department of Defense say the hi-tech weapon](#) will be able to send brief messages - in the form of audible speech - across combat zones.

The aircraft, ship and truck-mounted devices are being developed as part of a military initiative called the Joint Non-Lethal Weapons Directorate.

The scientists plan to use a phenomenon of physics called the Laser-

Induced Plasma formation to make the laser a reality.

First, they fire a powerful laser that creates a ball of plasma. Then, a second laser works to oscillate the plasma creating sound waves.

These intense laser bursts can then perfectly mimic human language, chief scientist Dave Law [told the Military Times](#).

He added that the technology could be ready for battle in just five years.

A video shared to publicise the Pentagon project shows the weapon saying 'Stop or we'll be forced to fire upon you.'

Scientists say these laser-grams will soon be able to beam hundreds of miles away.

The news will send shudders through the conspiracy theorist community who have long claimed the US government uses radio waves as part of a thought-control programme.

The Pentagon has revealed it is ploughing tens of millions into developing state-of-the-art laser weapons - to ensure it doesn't lag behind Russia and China.

[Read full story here...](#)



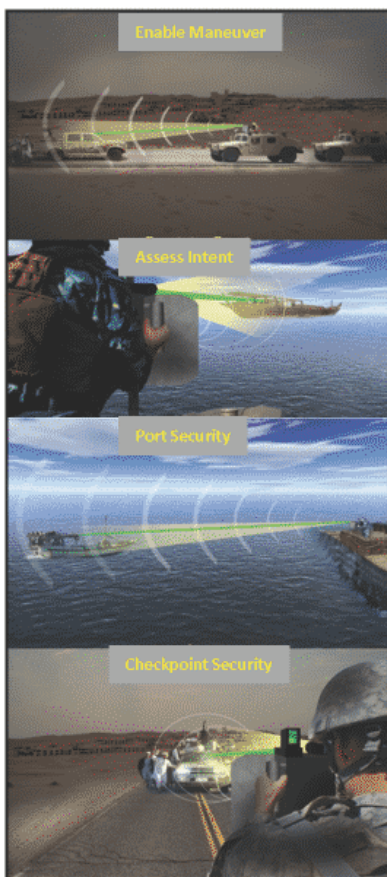
Dept. of Defense Non-Lethal Weapons Program

<http://jnlwp.defense.gov/>



Directed Energy Portfolio: Sound and Light

Hail, Warn and Communicate



Sound and Light (S&L) Directed Energy (DE) Non-Lethal Weapons (NLW) systems integrate various independent technologies such as:

- dazzling lasers
- high-intensity lights
- acoustics
- operating interface systems

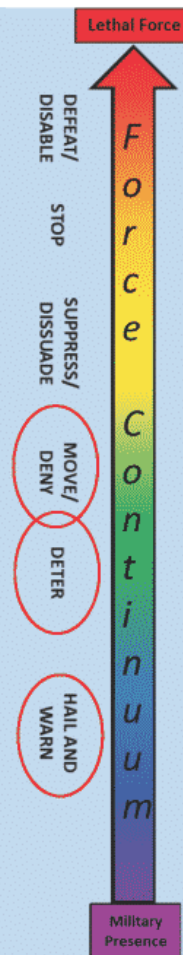
into ergonomic and effective system-of-systems elements that hail, warn, move, disrupt and suppress individuals with very low risk of significant injury.

OPERATIONAL IMPACT: Enable commanders to control or de-escalate a situation using NLW to hail, warn, dazzle and/or communicate. The Program's S&L portfolio supports National Defense Strategy objectives, including:

- Defending the Homeland
- Deterring aggression
- Defending U.S. interests below armed conflict
- Full-scale war

Future Efforts:

- Operational assessments
- Fully integrated system of systems
- Laser and acoustic enhancements
- Unmanned/autonomous operation





DARPA: Testing Mass Surveillance Balloons Across The US

Technocrats at DARPA and the Pentagon are implementing high-altitude surveillance balloons across the US, capable of wide-area tracking of everything that moves on the ground.

This is a major development for Geospatial Intelligence (GEOINT) that is explained on page 130 in my book, [Technocracy: The Hard Road to World Order](#). □ TN Editor

The US military is conducting wide-area surveillance tests across six midwest states using experimental high-altitude balloons, [documents](#) filed with the Federal Communications Commission (FCC) reveal.

Up to 25 unmanned solar-powered balloons are being launched from rural South Dakota and drifting 250 miles through an area spanning portions of Minnesota, Iowa, Wisconsin and Missouri, before concluding

in central Illinois.

Travelling in the stratosphere at altitudes of up to 65,000ft, the balloons are intended to “provide a persistent surveillance system to locate and deter narcotic trafficking and homeland security threats”, according to a filing made on behalf of the Sierra Nevada Corporation, an aerospace and defence company.

The balloons are carrying hi-tech radars designed to simultaneously track many individual vehicles day or night, through any kind of weather. The tests, which have not previously been reported, received an FCC license to operate from mid-July until September, following similar flights licensed last year.

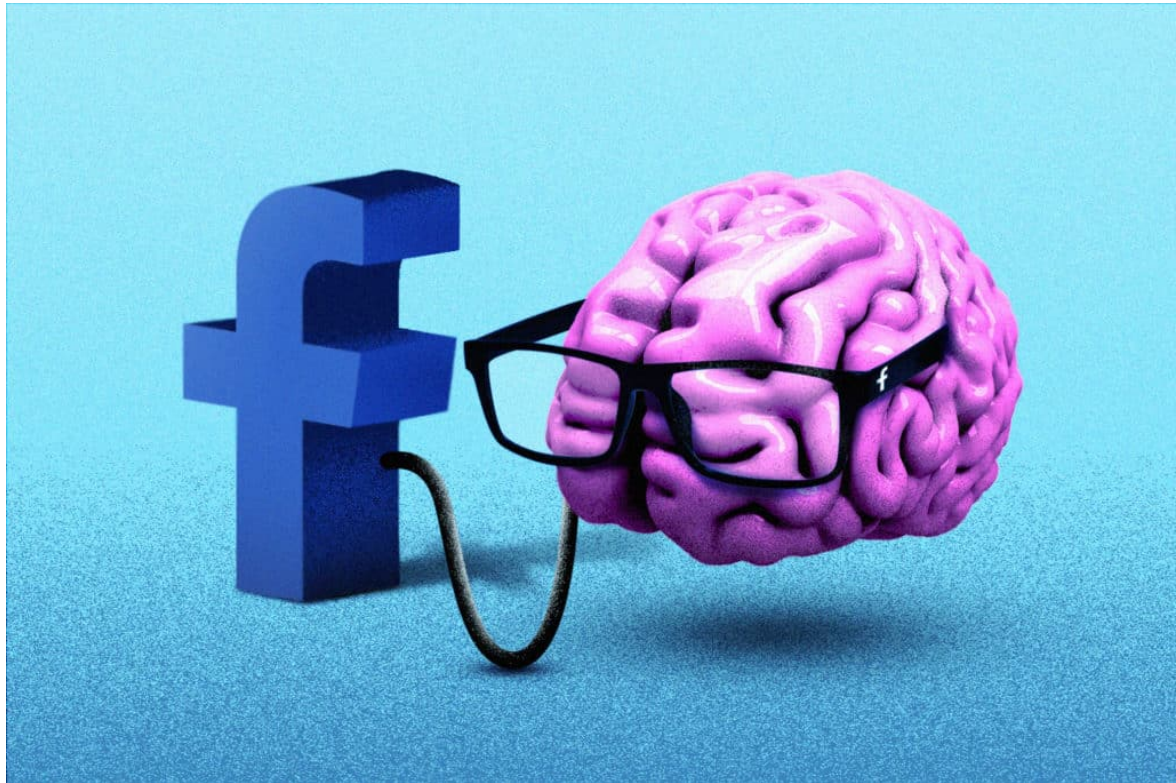
Arthur Holland Michel, the co-director of the Center for the Study of the Drone at Bard College in New York, said, “What this new technology proposes is to watch everything at once. Sometimes it’s referred to as ‘combat TiVo’ because when an event happens somewhere in the surveilled area, you can potentially rewind the tape to see exactly what occurred, and rewind even further to see who was involved and where they came from.”

The tests have been commissioned by the US Southern Command (Southcom), which is responsible for disaster response, intelligence operations and security cooperation in the Caribbean and Central and South America. Southcom is a joint effort by the US army, navy, air force and other forces, and one of its key roles is identifying and intercepting drug shipments headed for the United States.

“We do not think that American cities should be subject to wide-area surveillance in which every vehicle could be tracked wherever they go,” said Jay Stanley, a senior policy analyst at the American Civil Liberties Union.

“Even in tests, they’re still collecting a lot of data on Americans: who’s driving to the union house, the church, the mosque, the Alzheimer’s clinic,” he said. “We should not go down the road of allowing this to be used in the United States and it’s disturbing to hear that these tests are being carried out, by the military no less.”

[Read full story here...](#)



Cognitive Liberty: No, You Can't Read My Thoughts!

As Obama's 2013 [Brain Initiative](#) to map the human brain pays off, technology can now read your thoughts and emotions to reveal your "inner voice". Technocrats envision total control over the "human animal". □ TN Editor

[Facebook has created devices that read all the words of your inner voice](#) and Elon Musk's Neuralink is creating brain-computer interfaces (BCI) that will have thousands and later millions of nodes.

Temporarily mitigating remote mind-reading of your inner voice could involve headphones for music and distractions of your own thoughts to less sensitive topics. However, the world is clearly developing where

your thoughts and brain activity will be readable by anyone with relatively inexpensive devices.

We have already lost privacy to our financial activity, internet activity, retail activity and smartphones.

[China, India, Iran, Russia, Japan, USA and European nations](#) are actively working to improve existing electroencephalography, magnetic resonance, functional infrared, and the magnetic encephalography spectrums to develop future military applications. The US Air Force believes BCI interfaces could provide faster reaction times for firing missiles, drones and guns.

[There are many dramatic advances in mind-reading which uses](#) BCI (Brain-Computer Interfaces) to decode brain states to reconstruct what a subject is experiencing. There is a growing market for computer game and devices that are controlled by brain states (<http://www.bcireview.com/>). Wireless technology has made it possible to record from mobile humans.

BCI have been used to replace lost sensory interfaces. Cochlear implants were developed in the 1970s and over 219,000 people worldwide have received cochlear implants. Progress has been made on retinal and cortical implants to restore sight in blind patients. Blind patients have reported substantial “sight” using a camera to activate an array of electrodes on the tongue, one of the most sensitive sensory surfaces of the body.

The Tech giants and militaries around the world will be deploying this rapidly advancing versions of technology from now through 2035. Military think tanks are assuming this will be a dominant interface and highly impactful by 2030.

[Read full story here...](#)