



# **Neurosurgeon: EMF Radiation Can Cause Leak In Blood Brain Barrier**

The industry science behind EMF radiation is more corrupt than that of climate science, and has been so since the beginning. With the imminent rollout of 5G, no scientific studies have been done on exposure to humans at any distance. □ TN Editor

Neurosurgeon and researcher Dr. Leif Salford has conducted many studies on radio frequency radiation and its effects on the brain. Dr. Salford called the potential implications of some of his research “terrifying.” Some of the most concerning conclusions result from the fact that the weakest exposure levels to wireless radiation caused the greatest effect in causing the blood brain barrier to leak.

Since he began his line of research in 1988, Dr. Leif Salford and his colleagues at Lund University Hospital in Sweden has exposed over 1,600 experimental animals to low-level radiation. Their results were consistent and worrisome: radiation, including that from cell phones, caused the blood-brain barrier—the brain’s first line of defense against

infections and toxic chemicals—to leak.

Researchers in 13 other laboratories in 6 different countries had reported the same effect, but no one had proven whether it would lead to any damage in the long term. In a study published June 2003 in *Environmental Health Perspectives*, Salford's team repeated the experiment on 32 additional animals, but this time waited eight weeks before sacrificing them and examining their brains. In those animals that had been exposed to a cell phone, up to two percent of the neurons in all areas of the brain were shrunken and degenerated.

## **We were warned in 2010: Since then, 4G and 5G...**

Salford, chairman of the Department of Neurosurgery at his institution, called the potential implications “terrifying.” “We have good reason to believe,” he said, “that what happens in rats’ brains also happens in humans.” Referring to today’s teenagers, the study’s authors wrote that “a whole generation of users may suffer negative effects, perhaps as early as in middle age.”

An argument is sometimes made (not necessarily accurately) to those who express concern about radiation from “smart” meters, Wi Fi, etc, that the radiation emitted from these devices is at such a low level that the public needn’t worry about it. However Dr. Salford’s studies showed opening up of the blood brain barrier from very low levels of radiation. In fact, Cindy Sage and Dr. David Carpenter write in a 2008 paper ([Public Health Implications of Wireless Technologies](#)) it was “the weakest exposure level [which] showed the greatest effect in opening up the BBB [blood brain barrier].”

Dr. Devra Davis, author of “Disconnect” explains the science of cell phone radiation in a very comprehensive way. For example she shows photos of two cells, one whose DNA has been damaged by “gamma” radiation (which is what was emitted in Hiroshima) and another cell damaged by low level pulsing non ionizing radiation (from a cell phone). Both cells look very damaged compared to a normal cell; but she even goes on to say the DNA from the cell exposed to the cell phone radiation

looks worse. She also discusses the campaign to discredit reputable scientists and their studies—some of these reputable studies having been around since 1972 (Frey).

In May of 2011, the World Health Organization official recognized that wireless radiation such as emitted by “smart meters” is a possible carcinogen. After decades of corporately-funded, biased research being held up as “industry-standard”, there are hundreds of independent peer-reviewed scientific studies now showing there is a clear health hazard with technology emitting wireless radiation in the range that “smart meters” do. Meanwhile, tens of thousands of people with a “smart meter” installed, have contracted illness, insomnia, rashes, headaches, and worse. And many have been forced to leave their homes entirely, due to health effects. What’s more, in apartment buildings where 30+ “smart meters” are installed in a single electrical room, the dangers are even higher. There have been no long-term health studies done on this high level of Electromagnetic Radiation.

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



# 911 Dispatchers To Monitor Millions Of CCTV In Real Time

The video below says it all: DHS/government surveillance will incorporate private security cameras, public-private partnerships and artificial intelligence for real-time tracking of everything that moves. New Orleans is a perfect example. □ TN Editor

911 dispatchers are about to join the ranks of District Attorneys (DA) using [CCTV cameras to monitor the public](#).

“The district attorney for Pennsylvania’s second-most-populous county, Stephen Zappala Jr. has assembled a network of advanced surveillance cameras in and around Pittsburgh and has enlisted colleagues in four surrounding counties to extend its reach into their jurisdictions.”

Last week, CentralSquare Technologies [announced](#) that they are working with [Genetec, Inc.](#) to turn 911 dispatchers into an arm of the surveillance state by giving them real-time access to more than 30 million CCTV cameras.

“There are more than 30 million cameras across the United States that generate 4 billion hours of footage a week. Unfortunately, the footage from these cameras and other sensors such as gunshot detection systems is captured by various systems and is often unavailable to first responders who can use that real-time data and video to save lives.”

How can these two companies allow Big Brother to monitor more citizens? By letting them surveil citizens in real-time of course.

**“This new partnership between CentralSquare and Genetec delivers proven technology for police officers and emergency responders so that they can make effective decisions, based on real-time data, when and where it is most needed.”**

Genetec is infamous for turning New Orleans into [“America’s largest spying network](#).

“Assume that you are being filmed wherever you are and whatever you’re doing,” said Jeff Sallet, the newly appointed head of the FBI’s local office. “We have located and mapped every single camera in and around any part of the French Quarter, the parade routes and any other critical infrastructure,” he said. Genetec has managed to turn 911 dispatchers into an arm of Homeland Security. In New Orleans, 911 dispatchers work out of Homeland Security’s Real-Time Crime Centers (RTCC), which use CCTV cameras to monitor the public.

According to [\*The San Diego Union-Tribune\*](#), the San Diego sheriff’s department is rolling out a pilot Genetec CCTV camera surveillance program to see how the public responds.

The San Diego County Sheriff’s Department has chosen Lemon Grove for a video surveillance program called “SafeSanDiego - Lemon Grove.

“After doing more public outreach about the plan, Lemon Grove Sheriff Lt. Mike Rand said the department plans to go high-tech by the start of 2020 via security equipment purchased from Genetec.”

The article goes on to explain that they are waiting to see how the public responds to Genetec’s real-time surveillance program before they roll out more surveillance cameras in other parts of the county!

“We’re taking baby steps to see how the community responds to it,” Rand said.

CentralSquare’s CEO reveals the real reason they want to give 911 dispatchers access to more than 30 million CCTV cameras.

“By seamlessly integrating CentralSquare’s world-class Computer Aided Dispatch (CAD) software with Genetec’s ground-breaking, real-time crime center technologies, we are enabling thousands of public safety agencies to speed-up dispatch center operations, shorten emergency response time, and reduce the number of victims of crimes and disasters across North America,” CentralSquare CEO Simon Angove said.

Genetec’s plan to turn every police department and 911 dispatcher into an arm of Homeland Security makes perfect sense when you consider that CentralSquare serves “more than 7,650 public safety organizations,

from the largest metropolitan city to counties and towns of every size across North America.”

Genetec doesn't even hide the fact that their mission is to help DHS turn every police department and 911 dispatcher into a Homeland Security operative. (Click [here](#) to see how Genetec helps police department's create secret hotlists.)

“Together, we are delivering a powerful solution that will better equip our country's police officers and first responders and ultimately make our cities safer, smarter, and more livable.”

Genetec and CentralSquare got one thing right, they are “delivering a powerful solution” that will help Homeland Security create a national CCTV camera surveillance program.

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# Battleground: Without Encryption, Technocracy Rules

Governments are being prompted to destroy encryption, permanently destroying privacy and handing all data in the world over to Technocrat social engineers. If successful, this will catapult the world into Scientific Dictatorship, aka Technocracy. □ TN Editor

In every country of the world, the security of computers keeps the lights on, the shelves stocked, the dams closed, and transportation running. For more than half a decade, the vulnerability of our computers and computer networks has been ranked the number one risk in the US Intelligence Community's Worldwide Threat Assessment - that's higher than terrorism, higher than war. Your bank balance, the local hospital's equipment, and the 2020 US presidential election, among many, many other things, all depend on computer safety.

And yet, in the midst of the greatest computer security crisis in history, the US government, along with the governments of the UK and Australia, is attempting to undermine the only method that currently exists for reliably protecting the world's information: encryption. Should they succeed in their quest to undermine encryption, our public infrastructure and private lives will be rendered permanently unsafe.

In the simplest terms, encryption is a method of protecting information, the primary way to keep digital communications safe. Every email you write, every keyword you type into a search box - every embarrassing thing you do online - is transmitted across an increasingly hostile internet. Earlier this month the US, alongside the UK and Australia, [called on Facebook to create a "backdoor"](#), or fatal flaw, into its encrypted messaging apps, which would allow anyone with the key to that backdoor unlimited access to private communications. So far, Facebook has resisted this.

If internet traffic is unencrypted, any government, company, or criminal that happens to notice it can - and, in fact, does - steal a copy of it, secretly recording your information for ever. If, however, you encrypt

this traffic, your information cannot be read: only those who have a special decryption key can unlock it.

I know a little about this, because for a time I operated part of the US National Security Agency's global system of mass surveillance. In June 2013 I [worked with journalists](#) to reveal that system to a scandalised world. Without encryption I could not have written the story of how it all happened - my book [Permanent Record](#) - and got the manuscript safely across borders that I myself can't cross. More importantly, encryption helps everyone from reporters, dissidents, activists, NGO workers and whistleblowers, to doctors, lawyers and politicians, to do their work - not just in the world's most dangerous and repressive countries, but in every single country.

When I came forward [in 2013](#), the US government wasn't just passively surveilling internet traffic as it crossed the network, but had also found ways to co-opt and, at times, infiltrate the internal networks of major American tech companies. At the time, only a small fraction of web traffic was encrypted: six years later, Facebook, Google and Apple have made encryption-by-default a central part of their products, with the result that today close to 80% of web traffic is encrypted. Even the former director of US national intelligence, [James Clapper](#), credits the revelation of mass surveillance with significantly advancing the commercial adoption of encryption. The internet is more secure as a result. Too secure, in the opinion of some governments.

Donald Trump's attorney general, William Barr, who authorised one of the [earliest mass surveillance programmes](#) without reviewing whether it was legal, is now signalling an intention to halt - or even roll back - the progress of the last six years. WhatsApp, the messaging service owned by Facebook, already uses [end-to-end encryption \(E2EE\)](#): in March the company announced its intention to incorporate E2EE into its other messaging apps - Facebook Messenger and Instagram - as well. Now Barr is launching a public campaign to prevent Facebook from climbing this next rung on the ladder of digital security. This began with an [open letter](#) co-signed by Barr, UK home secretary Priti Patel, Australia's minister for home affairs and the US secretary of homeland security, demanding Facebook abandon its encryption proposals.



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