Future Weapons

Drone Swarms, Electro Magnetic Impulse, Project Enubis: The Coming Weapons of Mass Destruction!

Global Intelligence Disclosures On The Orwellian New World Order

GLOBAL WATCH WEEKLY

The Global Watch Weekly (GWW) is committed to providing disclosure on political, social, economic and technological events which are leading the world into a biblically prophesied Orwellian nightmare. It is a free online magazine, which goes out to thousands of members world-wide. There have been over 190+ GWW editions issued all justifying the Bible as an inspired authority on mapping out proof of a coming one world government agenda, which will ultimately be overthrown through the establishment of God's messianic kingdom.

The ultimate aim of the Global Watch Weekly is to show that despite some scathing attacks over the last few decades on the authenticity of the Christian faith, that the Bible still stands as a dominant inspired book which makes incredible and pinpoint prophecies about the end times which are being accurately fulfilled in our life time.

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INTRODUCTION

Dear Global Watch Weekly Member

Over the course of civilization we have seen weapons advance from basic sticks and stones in prehistoric times, to swords and knives after the discovery of iron and steel, and later advancing to guns and missiles, often attached to aircraft or boats that can destroy a target hundreds of miles away. Science fiction literature and films have been filled with stories of lasers and armed humanoid robots that are indestructible killing-machines, but as some people already know, many of these fanciful depictions from the past are now becoming a reality.

While at one time, so-called smart bombs amazed people with their ability to strike strategic targets from long distances; these kinds of weapons are now common knowledge. What is not common knowledge (at least at the time I'm writing this in 2010) are a wide variety of futuristic Orwellian weapons that are already built, or are on the drawing board.

Some of these weapons involve fully autonomous robots that can relentlessly hunt down targets, and even implantable RFID chips that can kill a person when activated, and shock bracelets designed for airline passengers that can electrocute them if they are suspected of posing a threat. These and other weapons, if directed by a tyrannical leader, could squash any kind of resistance and keep every citizen in the world, not only under the watchful eyes of Big Brother, but in his crosshairs as well.

As you will learn in this edition, warnings of a massive robotic massacre, or artificial intelligence systems turning on humans is not only something found in the plots of science fiction movies or the paranoid imaginations of technophobes. It is a very real concern addressed by numerous experts in multiple fields. Big Brother is not just watching us; he is now armed and dangerous.
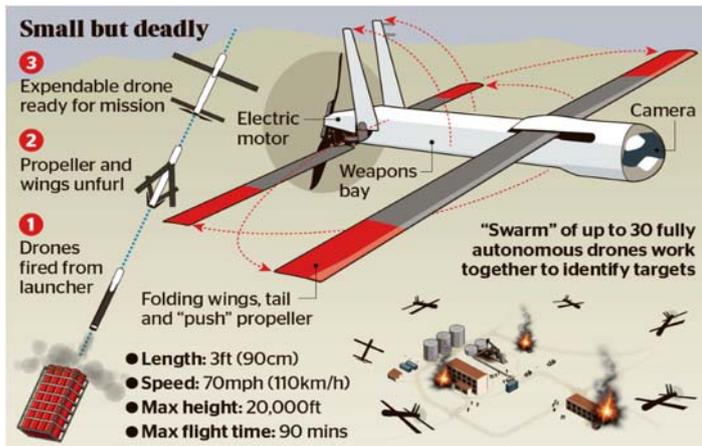
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DRONE SWARMS AND REVELATION 9

Drone swarms are about to change the face of modern warfare and some prophecy watchers find both the technology and name of the US Naval program behind it perhaps more than coincidence. The US navy recently demonstrated its Low-Cost UAV Swarming Technology (LOCUST) program by putting 30 drones flying together in perfect formation.

Small but deadly

3 Expendable drone ready for mission

2 Propeller and wings unfurl

Electric motor

Camera

Weapons bay

1 Drones fired from launcher

Folding wings, tail and "push" propeller

"Swarm" of up to 30 fully autonomous drones work together to identify targets

- Length: 3ft (90cm)
- Speed: 70mph (110km/h)
- Max height: 20,000ft
- Max flight time: 90 mins

These drones are launched from a special tube in less than a minute to create a vicious swarm designed to overwhelm an adversary autonomously.

What makes the swarm unique is that any hostile aircraft, manned or unmanned, can be brought down by a single missile, but a swarm can take multiple hits and keep going. The drones are self-reconfiguring so that if one drone gets taken out, the others autonomously change their behavior to complete the mission.

Several test simulations by the Navy have shown that drone swarms are consistently able to get past ship defenses that are geared towards shooting down single planes. This weakness means it makes sense to attack an enemy ship with a large number of cheap drones rather than one missile costing the same. Ironically, the best counter to drone swarm attacks being studied is a defensive drone swarm that can intercept the offensive ones.

The aim is to have thirty or more drones flying together without having to be individually controlled, maintaining separation safely like a flock of birds. They are different from any other drone in that the operator does not control an individual aircraft, but pilots the whole swarm as a single unit.

With manned aircraft and ships, the pilots life counts for a lot; but swarming drones are expendable and high "casualties" do not matter as much. This is a very different world to the dogfights that, historically, have made up modern warfare and could drastically alter the course of air warfare forever.

Experts predict that as drone swarm techniques are perfected they will expand both in number and use. The Office of Naval Research has already experimented with a swarming configuration of 13 robotic boats on Virginia's James River. The boats were able to perform a variety of tasks to protect a high-value ship from incoming craft.

Some prophecy watchers find it interesting that the Bible describes "locust" type creatures that play a significant role in end-time conflict. Revelation 9 describes them this way:

"The shape of the locusts was like horses prepared for battle. On their heads were something like crowns of gold, and their faces were like faces of men. They had hair like the hair of women, and their teeth were like the teeth of lions. They had breastplates like breastplates of iron, and the sound of their wings was like the sound of chariots with many horses running to battle. They had tails like scorpions and stings in their tails. Their power was to hurt men for five months. They had as king over them the angel of the bottomless pit, whose name in Hebrew is Abaddon, and in Greek his name is Apollyon." (Revelation 9:7-11).

What on earth was the Apostle John talking about? Exactly what kind of locusts did he witness on the Isle of Patmos where he received these prophetic revelations?

The traditional interpretation is that these locusts could be evil entities and/or demonic physical or spiritual beings that will rise up out of the bottomless pit (abyss) to torment people and assume the characteristics of locusts.

Others speculate they may be some form of grotesque variation of natural locusts as we know them today (perhaps even some form of chimeras or other DNA manipulation that scientists are now moving ahead with), or did John the Apostle perhaps see some advanced military aerial machinery that he lacked the words to describe?

The revelations were given to him about 2,000 years ago when there would have been no way for him properly to describe 21st-century technological inventions that would follow many centuries later. Is it possible John was describing some type of technology in our day similar to the LOCUST program? Some think so.

Until recently, the most common technological correlation was that of helicopter gunships but, as insect looking drones and swarm technology become more common, this may present an interesting possible explanation.

Either way, Revelation 9 suggests a time of immense pain and suffering that no one will want to experience, regardless of what final form it takes.

KILLER IMPLANTABLE COMPUTER CHIPS

In 2009, Germany's patent office rejected a patent for an invention dubbed the "Killer Chip," which is basically an implantable RFID similar to the *VeriChip* said to track visitors from other countries using GPS, and could release a poison into a person's body to "eliminate" them if they

become a "security risk." That was at least the Orwellian goal of the Saudi inventor who applied for the patent.

"I apply for these reasons and for reasons of state security and the security of citizens," his application read. German law allows foreigners to apply for patents in the country through a local representative. "Most people apply for a patent in several countries, and this inventor probably did too," Stephanie Krüger of the Patent Office said.

A German Patent and Trademark Office spokeswoman told *Deutsche Presse Agentur* that the inventor's application was submitted in October 2007 and published 18 months later, as required by law, but in Germany, inventions that are unethical or a danger to the public are not approved.

ELECTRIC SHOCK BRACELETS FOR AIRLINE PASSENGERS

A sadistic idea that seems like it would only be implemented for transporting dangerous prisoners was actually proposed for ordinary citizens flying on commercial jets that involved making all passengers on airliners wear a tamper-proof shock bracelet that could then be activated to electrocute anyone that the crew thought was potentially dangerous. The *Department of Homeland Security* has expressed great interest in the so-called EMD (Electo-Muscular Disruption) safety bracelet which was designed by *Lampered Less Lethal Incorporated.*

A promotional video posted on the company's website shows the device being worn by all passengers on an airline and explained how the company felt it would help keep people safe.

The video starts off by showing footage of the aftermath of the September 11th attacks and goes on to say that facial recognition systems take too much time and would increase the

number of flight delays and cancellations. It also says bomb detecting devices aren't effective enough, and that the shock bracelets could stop terrorists once they were on board an aircraft.

It goes on to say that the shock bracelets would make flying more convenient for travelers since they could also be used as their ticket. The video concludes by saying,

"We feel if given the choice between taking a flight implementing the added security of the EMD security safety bracelet system, and taking a flight without the additional security, many, if not most passengers, would happily opt for the extra security of the EMD safety bracelet."

I know that this seems like a hoax or a satire to bring attention to Orwellian security measures, but it's not. A search of U.S. patents reveals that a patent was filed for the device in 2002. The application number is 6,933,851, and the description reads,

"A method of providing air travel security for passengers traveling via an aircraft comprises situating a remotely activatable electric shock device on each of the passengers in position to deliver a disabling electrical shock when activated; and arming the electric shock devices for subsequent selective activation by a selectively operable remote control disposed within the aircraft. The remotely activatable electric shock devices each have activation circuitry responsive to the activating signal transmitted from the selectively operable remote control means. The activated electric shock device is operable to deliver the disabling electrical shock to that passenger."

A letter from a *Department of Homeland Security* official named Paul S. Ruwaldt was sent to the inventor saying,

"To make it clear, we [the federal government] are interested in…the immobilizing security bracelet, and look forward to receiving a written proposal."

The letterhead was from a US Department of Homeland Security office at the *William J. Hughes Technical Center* at the Atlantic City International Airport (the Federal Aviation Administration headquarters). It was also reported that Ruwaldt had previously met with a rep for the bracelet's manufacturer.

TASER-FIRING FLYING ROBOT

In 2007, it was reported that a French entrepreneur was developing a "flying saucer"

that could shoot Taser rounds which would electrocute anyone hit by them. He plans for the device to be used to hunt criminal suspects or zap people in unruly crowds. His invention is basically an Unmanned Aerial Vehicle (UAV) that can hover around like a small radio controlled helicopter that is equipped with Taser rounds.

The controversial Taser gun temporarily paralyzes people by shooting two darts into the body which send electric shocks into the person, and are often abused by police as they electrocute unarmed and often non-threatening people for not complying with an order immediately.

The Taser-firing UAV's creator, Antoine di Zazzo, says that he has been shocked by a Taser more than 50 times during his experiments and claims no side effects. A Taser is different than a stun gun, in that a Taser shoots tiny darts into a person's skin which then carry the electrical current, whereas a stun gun is just a device with two metal prongs on it that are pressed against someone to shock them. Hovering UAVs like Zazzo's design could also easily be armed with pepper spray, knockout gas, or even guns.

Some may think that this technology is still many decades away, but it's not. Police in London deployed a UAV in February 2010 after a suspected car thief was able to evade officers on foot in thick fog. The thermal-imaging cameras built in to the UAV were able to spot the suspect's heat signature, allowing police to track him down and make an arrest.

Several companies are building drones for sale to the general public which may be operated from a laptop computer or even a cell phone. *"If the Israelis can use them to find terrorists, certainly a husband is going to be able to track a wife who goes out at 11 o'clock at night and follow her,"* said divorce lawyer Raoul Felder.

An MIT professor named Ms. Cummings, who is developing personal UAVs, commented that she could use a drone to watch her child by planting a transmitter in her lunchbox. *"It would bring a whole new meaning to the term hover parent,"* she said.

She also remarked that,

"If everybody had enough money to buy one of these things, we could all be wandering around with little networks of vehicles flying over our heads spying on us…It really opens up a whole new Pandora's Box of: What does it mean to have privacy?"

FROZEN POISON GUN

A secret and sinister weapon developed by the CIA, and probably used in multiple assassinations and kidnappings, involves a CO2 powered gun that shoots a small frozen piece of poison or tranquilizing agent into the target, which leaves no evidence behind of any foul play. This device was actually shown during a congressional hearing when Senator Frank Church questioned then CIA director, William Colby about it.
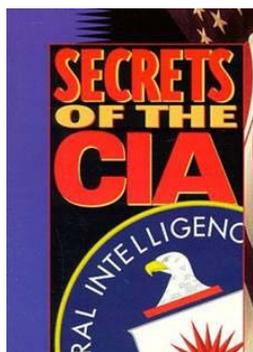
Transcript:

Senator Frank Church: Does this pistol fire the dart? [Holding up the gun]

CIA Director William Colby: Yes, it does, Mr. Chairman, and a special one was developed which potentially would be able to enter the target without perception.

Senator Frank Church: But also the toxin itself would not appear in the autopsy?

CIA Director William Colby: Yes, so that there was no way of perceiving that the target was hit. End of Transcript

In a 1998 documentary titled *Secrets of the CIA*, a former CIA agent named Mary Embree explains how it was her job to research poisons that could be used on people which would kill them and make it seem as if they died of a heart attack.

She also talks about the frozen poison dart gun, saying,

"The poison was frozen into some sort of dart, and then it was shot at very high speed into the person. So when it reached the person, it would melt inside them, and the only thing would be like one little, tiny red dot on their body, which was hard to detect. There wouldn't be a needle left or anything like that in the person."

HUNTER-KILLER ROBOTS

In the first decade of the twenty-first century, the Pentagon was looking for contractors to build what they called a "*Multi-Robot Pursuit System*" that will involve packs of robots which "*search for and detect a non-cooperative human.*"

In 2005, *the Pentagon* launched a $127 billion dollar project called *Future Combat Systems* to develop robotic soldiers and was the largest military contract in US history. It seems that real "Terminators" like the ones in the popular Arnold Schwarzenegger films are crossing over from science fiction into science fact.

Several different companies, including *iRobot* and *Foster-Miller*, manufacture different radio controlled tank-like robots that are armed with Taser guns, machine guns, and even rocket launchers. The Pentagon and others hope to one day create fully autonomous robots that are so advanced they can basically function on their own without any human intervention, even hunting down and killing people who are programmed as targets to be eliminated.

Such systems will be equipped with facial recognition cameras, and likely DNA sniffers that operate like the nose of a tracking dog that can literally smell a suspect and identify him or her out of a large crowd of people and can even track their every footstep in order to hunt them down and either kill them or incapacitate them, depending on the programmed orders.

"*If you build a new shopping mall, you could have sniffers all over the place,*" predicts George Dodd, the father of the "electronic nose" and a researcher with the Highlands *Scientific Research Group* at the *Craig Dunain Hospital* in Inverness, UK.

Dodd envisions these sniffers as part of security systems in people's homes and offices that will be able to identify intruders.

Police departments in Germany, Holland, and Hungary have been collecting swabs of human scents from crime scenes and putting them into databases, and George Dodd predicts that in the future every person's individual scent will be stored on a computer similar to fingerprints and DNA. These are some of the capabilities that will be built into robotic terminators.

In 2008, Steve Wright, an expert in police and military technology at *Leeds Metropolitan University*, predicted that autonomous human hunting robots would soon be fully operational. After news was made of the Pentagon's goals of creating a Multi Robot Pursuit System, Wright said,

"What we have here are the beginnings of something designed to enable robots to hunt down humans like a pack of dogs. Once the software is perfected we can reasonably anticipate that they will become autonomous and become armed. We can also expect such systems to be equipped with human detection and tracking devices including sensors which detect human breath and the radio waves associated with a human heart beat. These are technologies already developed."

The US Air Force's *Unmanned Aircraft Systems Flight Plan 2009-2047* report explains how unmanned drones could fly over targets and attack, all without human involvement. The report says that humans will monitor situations rather than being deciders or participants, and that

"advances in AI [artificial intelligence] will enable systems to make combat decisions and act within legal and policy constraints without necessarily requiring human input."

The Air Force plans to have such devices fully operational by the year 2047. Several pages of the report were classified.

P.W. Singer, a senior fellow at the *Brookings Institution* think tank and the author of *Wired for War: The Robotics Revolution and Conflict in the 21st Century* said,

"Every mission [that] soldiers go out on in Iraq, there's something (automated) flying over them, maybe an unmanned vehicle scouting ahead of them…When they shoot, the key is what they put their laser on for a drone to fire at….The story of the surge is not the additional troops,

it's the air strikes (by machines like Predator drones) going up by a huge amount."

When the Iraq war began in 2003, there were only a handful of ground-based robots in the field, such as radio controlled devices with mechanical arms used to defuse bombs, but a few years into the war there were over 12,000 robots, including Unmanned Arial Vehicles (UAVs) and other ground-based devices being used on a regular basis.

The United States is not the only country with a rapidly increasing number of robotic soldiers. Dozens of other countries have been building a robotic army. In 2009, an Iranian drone was shot down in Iraq, and the Palestinian-based Hezbollah group has used drones to attack Israel on several occasions.

Many fear that lone nuts or small terrorist organizations will obtain robotic soldiers and commit attacks with them on innocent civilians. *"I talked to a researcher who told me that for $50,000 worth of robots he could shut down New York for a day. It was pretty convincing. Warfare will go open source,"* said Singer.

The chair of the *Department of Computer Science* at the *University of Sheffield* in England, who is considered a computer and artificial intelligence expert, has also warned about the dangers of advancing robots. In 2007, Noel Sharkey wrote an article for the *London Guardian* detailing his warnings, where he said,

"The deployment of the first armed battlefield robots in Iraq is the latest step on a dangerous path—we are sleepwalking into a brave new world where robots decide who, where and when to kill."

He pointed out the Pentagon's $100 billion dollar *Future Combat Systems project* working to build killer robots and Unmanned Arial Vehicles (UAVs), saying,

"This is dangerous new territory for warfare, yet there are no new ethical codes or guidelines in place. I have worked in artificial intelligence for decades, and the idea of a robot making decisions about human termination is terrifying."

Sharkey warns that, "With prices falling and technology becoming easier, we may soon see a robot arms race that will be difficult to stop," and urged that legislation be drawn up that would

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outline a code of ethics for autonomous robots before it's too late. Some experts and military officials worry about robots' ability to determine friendly people from legitimate targets.

Robots could be programmed to identify soldiers who are wearing the enemy country's uniforms, or the facial recognition system could be inputted with the faces of the entire enemy's army after a hacker steals that information from them.

Every faceprint of American soldiers could be input, and the robots instructed to kill everyone except those people in a specified area, but facial recognition is not 100% accurate. Friendly soldiers may also be equipped with RFID tags that would tell the robots they were friendly, and the machines could be programmed to kill any person who is not wearing a tag within the battle zone.

The increasing use of robotic soldiers will change the face of war in many ways. The loss of American soldiers' lives was always a reason for the public to resist entering into a conflict, but perhaps at some point in the future, there will be hardly any risk for human life (for the country with the advanced robotic army, that is), so the public may not protest an ensuing war as much as they have in the past.

Going to war in the past meant that young soldiers would be killed and maimed in battle, but if a country (like America, for example) could send a fleet of robots instead of humans, would-be protesters will likely not resist the decision to go to war. Many people may, in fact, encourage such acts who would have felt indifferent, or even against such action in the past because of the risk to American soldiers' lives.

ROBOTIC SNAKES

People have become familiar with the tank-like robots that frequently defuse bombs, and the flying drones that are like large radio controlled airplanes, but an interesting and unexpected design comes in the form of a robotic snake that literally slithers on the ground imitating an actual snake.

The first robot snake was built by Israeli Defense Forces (IDF) and is about 6 feet long and is also equipped with cameras, microphones, and speakers. It is operated by laptop computer.

Some envision the snake slithering through rubble of collapsed buildings in hopes of finding survivors, but the creators also say it could be used to carry bombs, as perhaps a suicide snake bomber, slithering near a target and blowing itself up.

Other robots based on animals are also reportedly in the works, including agile robots modeled after cats and dogs. While the robotic snake built by IDF is designed to operate on land, a Japanese company built a snake robot in 2005 that swims under water like a sea serpent. It's called the ACM-R5 and can be seen operating on videos posted on the Internet.
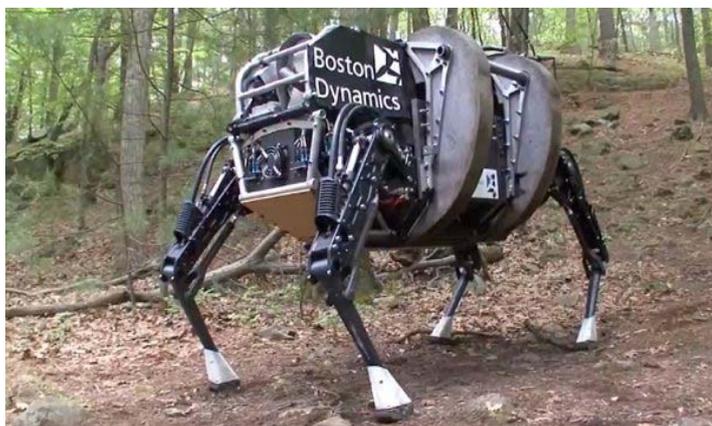
BIG DOG FOUR-LEGGED ROBOT

While most early robots being used by the Department of Defense were not much more than sophisticated miniature radio controlled tanks that rolled around on two treads, designing robots that walk has proved to be a much more difficult task.

Creating pilot-less drones that fly like radio controlled airplanes or the bomb disposing tread robots like the TALON robots used in the Iraq War are much simpler than designing a system that can balance on two or four legs.

A company called *Boston Dynamics* was one of the first to create a functioning walking robot they call the Big Dog that walks on four legs using a hydraulic actuation system. The robot is the size of an extremely large dog, standing two and a half feet tall, and is three feet long. Video footage of the Big Dog shows it walking around and being kicked by people as they attempt to throw it off balance and knock it over, but it doesn't appear to lose its footing, and quickly recovers and keeps on walking.

The robot is said to be able to carry more than 300 pounds of equipment over 10 miles before refueling, and can walk on rough terrain and up inclines of 35 degrees. *Boston Dynamics* is funded by the Tactical Technology Office at *DARPA*.

The designers' goal is to enhance the Big Dog to the point where it can carry supplies for soldiers and follow them practically anywhere on the battlefield, on any terrain. It is highly probably that future versions will also be armed and walk on two legs instead of four.

KILLER WASP ROBOTS

When most people think of a killer robot, they think of a large tank-like machine, or a humanoid-looking robot the size of a person similar to the ones in films like The Terminator (1984), Short Circuit (1986), or iRobot (2004); but in 2008, the *Air Force Research Laboratory* decided to build tiny radio controlled drones the size of large insects that could actually kill what they called, "high-value targets."

The program is called *Project Anubis*, named after the jackal-headed god of the dead in Egyptian mythology, and is classified, but budget

documents reveal that Air Force engineers were successful in developing a "Micro-Air Vehicle (MAV) with innovative seeker/tracking sensor algorithms that can engage maneuvering high-value targets."

These devices are miniature versions of what are called Unmanned Arial Vehicles (UAVs) which refers to aircraft like the popular Predator drones that everyone has heard about in the news. The Predator drones are armed and can launch missiles, and the new Anubis micro drones are also deadly even though they are the size of a large bug. Special Forces have already been using a larger type of wasp drone made by AeroVironment that weighs less than a pound and can fly three miles away from its operator.

The Air Force's 2008 budget described *Project Anubis* as *"a small UAV [Unmanned Aerial Vehicle] that carries sensors, data links, and a munitions payload to engage time-sensitive fleeting targets in complex environments."* The total cost was expected to be $500,000. This was apparently before the devices had been built because a newer budget mentioned Project Anubis as having already been completed, costing $1.75 million dollars.

The tiny drones are believed to be equipped with video cameras and microphones and even small explosives weighing a fraction of a pound, and either drop the explosive device, or the drone itself explodes once it reaches its intended target. Such a tiny drone can easily fly into a building through open doorways or windows and then be detonated once inside.

In the "Big Brother" episode of *Conspiracy Theory* with Jesse Ventura that aired on the TruTV network beginning in December 2009, Ventura interviewed an engineer named Elwood

Norris who builds spy systems for the government and explained that they can fly miniature GPS tracking devices, designed to look like a fly with microphones on them, into a person's vehicle (or house) so they can then be monitored without their knowledge.

These tiny bugs give the saying "to be a fly on the wall" a whole new literal meaning, since the "fly" on the wall really may be listening. To give you an idea of how this technology is abused, and how it will be abused even more in the future, all we need to do is turn to the news.

At a town hall in Charlotte, Vermont, workers renovating the building discovered two electronic bugs that had been planted in the clerk's office, allowing whoever put them there to listen in on meetings and clerk business. The devices were discovered in October 2010, but their batteries had long been dead and were about 10 years old, meaning they were hidden in the town hall building around the year 2000. They were battery powered wireless transmitters that police said could have transmitted to the immediate surrounding area to wherever the person with the receiver was hanging out listening in. The local police said it was a cold case and couldn't even guess who would have planted the bugs or what their motive was.

If someone went through this much trouble to listen in on what was being discussed in some small town hall in Charlotte, Vermont—imagine what kinds of measures are taken to spy on members of Congress, or political activists deemed a threat to the establishment. In the Orwellian nightmare, you can rarely be certain that what comes out of your mouth isn't being overheard and analyzed by Big Brother.

ROBOTS THAT FEED ON HUMAN FLESH

When we think of the power source for a robot, we most often think of them as being battery powered, or even solar powered, but the Pentagon has reportedly been working on one that would run off biomass. The robot is called EATR (pronounced "eater"), which stands for *Energetically Autonomous Tactical Robot*, and was designed by *Robotic Technology Incorporated* which says on its website that their robot,

"can find, ingest, and extract energy from biomass in the environment (and other organically-based energy sources), as well as use conventional and alternative fuels (such as gasoline, heavy fuel, kerosene, diesel, propane, coal, cooking oil, and solar) when suitable."

Original reports, including one on FoxNews.com, said that the EATR robot would eat animals and even human remains in the battlefield. Dr. Bob Finkelstein, president of Robotic Technology Incorporated (RTI) then released a statement saying that the robot would only be programmed to eat specific kinds of fuel sources. *"If it's not on the menu, it's not going to eat it,"* Finkelstein said. "There are certain signatures from different kinds of materials that would distinguish vegetative biomass from other material."

The company continued to do damage control concerning the initial reports and sent out a press release saying,

"Despite the far-reaching reports that this includes human bodies, the public can be assured that the engine Cyclone (Cyclone Power Technologies Inc.) has developed to power the EATR runs on fuel no scarier than twigs, grass clippings and wood chips—small, plant-based items for which RTI's robotic technology is designed to forage."

Cyclone Power Technologies, located in Pompano Beach, Florida created what they call the Waste Heat Engine, which powers the EATR robots by burning biomass in an external combustion chamber which then generates electricity from heating up water in a closed loop. The designers say that because it would never need to be plugged in somewhere to recharge, the robots could roam on their own for months or years without having to be recharged.

FUTURE WEAPONS

As far as the claims that the EATR robot would not run on dead bodies, the manufacturer didn't deny that this was possible; they just denied this would happen because the robots wouldn't be programmed to do so. Of course in extreme circumstances, such as a major war, this programming could easily be changed.

ELECTRO MAGNETIC PULSE (EMP)

One possible catastrophic danger of our reliance on modern technology comes from an Electro Magnetic Pulse bomb, or an EMP. This type of weapon sends out a wave of electromagnetic energy that literally destroys every electronic circuit in its path, which can be a few city blocks, a radius of several miles, or even several states.

A nuclear bomb sends out an EMP, and if detonated in the air high above the United States, one could destroy electric devices in a large part of the country, but there are also non-nuclear EMP weapons, and some are small enough to be carried around in a briefcase or back pack. If a non-nuclear EMP was set off in the heart of a major city, for example, everyone's cell phones, laptops, and vehicles will all immediately stop working and be permanently disabled.

Street lights, traffic controllers at the airport, police radios, medical equipment at hospitals, and more, would all be completely destroyed without any visible signs of damage. The EMP would basically disable or destroy countless electrical components that we have taken for granted for decades and would practically knock us back to the stone age.

Non-nuclear EMPs are not a theoretical weapon;

they have been built, and although not widely reported in the news, have been used.

CBS News reported that an EMP bomb was used to disable TV stations in Iraq at the start of the invasion in 2003 and to disable a major power plant in Baghdad. Some reports also say the US used EMPs in the 1991 Gulf War as well.

EMP bombs are not something that only an advanced military can create. An article published in 1996 by a defense analyst named Carlo Kopp, explained that materials to build a non-nuclear electromagnetic weapon are commonly available and concluded,

"The threat of electromagnetic bomb proliferation is very real."

In 2009, a director at the *International Institute for Counter-Terrorism* admitted that homemade electromagnetic bombs could become a significant threat.

In the future, small EMP guns will likely be carried by law enforcement and the military which will use them to disable vehicles being used by suspects they are pursuing.

LRAD SOUND WEAPONS

A non-lethal weapon that has become popular at protests and demonstrations is the LRAD sound cannon that focuses an ear-piercing high pitched sound at targets in order to cause them such discomfort that they disperse. LRAD stands for Long Range Acoustic Device and was developed by a San Diego company called *American Technology Corporation.*

The small device is often mounted on police or military vehicles and can emit sounds capable of dispersing crowds from up to 300 yards away. The volume control is variable and can range from mildly annoying, to beyond a person's threshold for pain (120-140 dB) which can cause permanent hearing damage at close range.

Smaller, handheld devices will be on the market in the coming years that will be the size of a large flashlight and may be standard equipment carried by police officers or built into Unmanned Aerial Vehicles or other robots.

FUTURE WEAPONS

MEDUSA

Unlike the LRAD acoustical weapon that focuses high volume sound waves at people to cause pain in their ears, a more advanced device called MEDUSA (*Mob Excess Deterrent Using Silent Audio*) uses microwave pulses that bypass the ears and eardrum and cause noise and pain inside a person's skull. It's interesting that the device's name is Medusa, the same as the Greek mythology character that has snakes for hair and turns people to stone if they look at her. The MEDUSA microwave device was created by the *Sierra Nevada Corporation* for crowd control.

Some people worry that devices like the MEDUSA and others can be used to torture people without leaving external and noticeable evidence of the torture, or that they will be abused by police and military on peaceful protesters.

ACTIVE DENIAL SYSTEM

A real life "pain ray" called the *Active Denial System* literally shoots a microwave beam at people, causing them to feel like their skin is burning. Some believe the device can also disrupt a person's bowels and cause them to literally crap their pants, although this is disputed. The first versions of the Active Denial System were fairly large and had to be mounted on vehicles, but the manufacturer, *Raytheon*, is working on small portable units that can be easily carried around or mounted on rifles. Raytheon is one of the largest defense contractors that builds weapons for the military, and is the world's biggest producer of guided missile systems.

The Active Denial Systems use a gyrotron to generate powerful magnetic fields called millimeter waves, which are focused at the target and can cause second or third degree burns. Some of the systems were shipped to Afghanistan in 2010, but the military claimed they weren't being used, and were only there "for testing." Of course, shipping a huge unit like that half way around the world only to "test" it doesn't make any sense, since this has been done since at least 2004. Due to the controversy surrounding the weapons it's not surprising the military denies they have been used in battle yet.

"DEATH RAYS"

A retired Colonel from Taiwan's National Defense Department named Alan Yu learned of deadly Orwellian weapons from working on Taiwan's military budget and having access to classified documents. In a 1997 article he wrote titled, *Millimeter Waves and Mind Control*, he discussed how portable handheld devices were being made that could kill people by using radio waves and leave no evidence.

He wrote,

"corrupted undercover career operators can murder anyone as if by natural death (such as induce heart attack, heart failure, or kidney failure, etc.) with the invisible wave weapon. These undercover career operators have been trained professionally in manipulating people's lives and health with their invisible wave weapon. Some recruited young undercover operators will be trained with the murder skill from the senior undercover operators."

His article continues,

"For example, in 1995, a former head of Taiwan's National Security Institute died of a 'heart-attack' in a public bath pool in Taipei. This death occurred two days after he announced that he would write a memoir. His widow claimed that her husband has never had any heart problems in his life (supported by his health record history) and requested an autopsy to be performed in order to determine the true cause of his death."

Colonel Yo believes the man was killed to keep him from discussing state secrets. All that is needed to create a "death ray" is to turn up the power on the Active Denial System, which could easily cause a heart attack, brain aneurism, or organ failure. The HPEM Active Denial System, for example, is used to disable vehicles by destroying all unshielded electronics, and microwave guns have sent several people to the hospital for injuries during testing.

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FUTURE WEAPONS

THE BIBLICAL VERDICT

The Bible contains passages which seems to suggest that mankind would at some point in time wield weapons of mass destruction:

Jeremiah 50:9: For, lo, I will raise and cause to come up against Babylon an assembly of great nations from the north country: and they shall set themselves in array against her; from thence she shall be taken: their arrows shall be as of a mighty expert man; none shall return in vain.

Jeremiah 50:9 above seems to be describing "smart weapons," like cruise missiles. The word for arrows here, "chets," can also be used to describe "javelins" or "spears." In addition to this, the arrows are described as "a mighty expert man" – please note this description is directed to these "arrows" and not the ones firing them – these so-called arrows have an intelligence of their own. The fact that "none shall return in vain" confirms that these weapons are carefully guided and cannot miss! Hence Jeremiah 50:9, written around 627 to 585 B.C., is quite possibly insinuating that mankind will eventually invent smart weaponry or precision-guided munition.

Zephaniah 1:14, 15: The great day of the LORD is near, it is near, and hasteth greatly, even the voice of the day of the LORD: the mighty man shall cry there bitterly.

That day is a day of wrath, a day of trouble and distress, a day of wasteness and desolation, a day of darkness and gloominess, a day of clouds and thick darkness,

Many Bible scholars agree that this passage in Zephaniah, written in 625 B.C., seems to be describing the scenes, sights and aftermath of an atomic bomb detonating or more specifically the aftermath of a nuclear war of apocalyptic proportions.

Here we see emphasis placed on sorrow, "wasteness" or utter destruction, distress and desolation. We even see that the Bible for some odd reason felt the need to describe it as a "day of clouds," a very peculiar detail, which eerily sounds similar to the massive mushroom clouds produced by atomic bombs. Is that passage just a coincidence? With only that scripture, I would understand if you might think so, but by the end of this point you will soon see that this is not a coincidence – take a look at this passage below:

Zechariah 14:12 - And this shall be the plague wherewith the LORD will smite all the people that have fought against Jerusalem; Their FLESH SHALL CONSUME AWAY while they stand upon their feet, and their EYES SHALL CONSUME AWAY in their holes, and their TONGUE SHALL CONSUME AWAY in their mouth.

Has anyone ever heard of a plague that strips the flesh off a person's bones, and dissolves their eyeballs and tongues? No, there is no such disease, however, the late physicist Samuel T. Cohen knows a perfect candidate for the technology which is possibly being described there. And of course he would know…he invented it – it is called the Neutron Bomb!

Yes, the neutron bomb is the one and only device that we are aware of that can accomplish the very same things in that passage, written by Zechariah around 520 to 518 B.C. To put it simply, all the living organisms die, while all non-living things remain remarkably intact. In my opinion, the Bible uses the best word available in that ancient time for such a modern device, it likens it to a "plague," and just as all plagues which only attacks people, but leaves infrastructure intact, this bomb accomplishes the very same effect! The living tissue literally gets shredded apart and dissolves away, precisely as the Bible describes.

Revelation 6:13, 15: And the STARS of heaven fell unto the earth, even as a fig tree casteth her untimely figs, when she is shaken of a mighty wind. And the kings of the earth, and the great men, and the rich men, and the chief captains, and the mighty men, and every bondman, and every free man, HID THEMSELVES in the DENS and in the rocks of the mountains;

Some Bible scholars believe that this reference to "stars of heaven" falling to the Earth in Revelation 6:13 may be a symbolic reference to nuclear bombs, because stars actually operate by nuclear reactions, and just like atomic bombs, they also release radioactive particles.

When I first read these passages, I had always wondered why these men were hiding within the dens and underground from "stars" in Revelation 6:15? This scenario sounds precisely like what is referred to as "nuclear fallout" – they are quite possibly shielding and protecting themselves from the residual nuclear radiation in those dens.

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