**Artificial Intelligence (AI) and Future Warfare**

***And how AI and future warfare will affect the American Legion.***

If you have been following AI and wondering about how AI will affect future warfare, there is much to ponder.

We have seen how the Ukrainian military has used information from satellite intelligence to negate a destroy Russian armor, aircraft, missiles and drone attacks and thousands of Russian ground troops. The Russians have also used AI to harm the Ukrainians. Most of these AI efforts have not been long term, planned actions, but were quickly adapted and employed. It certainly appears that AI has prevented a much larger Russian military to overwhelm the smaller Ukrainian forces. But with help from America and AI technology, the Ukrainians have held off the Russians quite well and prevented the expected quick Russian victory.

Let’s now discuss how AI will likely impact future warfare, especially involving the U.S., China, and Russia.

AI technology has developed to the point that soldiers, including all the services, are no longer relevant. Opponent combat troops will overwhelmed with powerful robots in many variations who are armed and don’t miss. Check out these videos:

**https://youtu.be/OpLLyyqkue4?si=zpXxCxPyY6IV2r1i Sent from Mail for Windows**

**https://youtu.be/L9U3B8wnM7w?si=vkZqzmE8wluP7bya Sent from Mail for Windows**

**https://youtu.be/j8pCB8b201w?si=P9hzg\_CC5wvihKVV**

In our Navy, there has been one major Navy system that is public. That is the “Orca” crewless submarine. We reported on the Orca in a recent Cathay Post Digest, so won’t do into detail here. It is run by battery power with a maximum range of 6,500 miles capable of most submarine missions. It potentially will operate with a fleet of other Navy vessels including undersea drones.

In our Air Force, we have the Next Generation Air Dominance jet fighter which is also crewless and will also be used in conjunction with multiple pilotless jet fighters (and other AF jets with pilots) to be a very powerful offensive tactic.

In our Air Force, our Space Command will have a really vital mission as a future war is likely to be in space, and success in space can render ground forces, navy forces and air forces ineffective if communications can be disrupted or destroyed.

Manpower requirements will be reduced dramatically meaning that in a decade or two, the number of veterans will be much smaller and that will mean that manpower for veterans groups, including our American Legion will be much smaller.

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**Artificial Intelligence (AI), Robots and Automation**

We read daily about how AI is affecting the world, but let’s aggregate as much of the AI news as possible to see how AI is already affecting our lives and the world.

First, we read that AI is costing jobs in many sectors. Analysts have forecasted AI will that we will lose 300 million jobs in the next decade. No one wants to lose their job, but automation/robots are here and can replace many jobs. It is vital for many people to be able to find another paying job, when the one we have is automated. For many people, this is, or will be, one of the most important adjustments we will have to make soon, and we must plan now.

Jobs that are involved in repeated actions/tasks are most likely to be lost.

Robots are the solution to eliminate humans because they are now at the stage that they are very functional and reliable If needed, robots can work more than 8 -10 hours per day. They can work 24 hours without a break. And can start and stop at any time. No overtime pay for robots.

Even though there is a relatively high up-front cost, factory jobs are best done by robots. They can work whenever needed, don’t need sick leave,or vacation time, and in most instances can work faster and get more done than humans.

Operations at distribution plants like an Amazon that must handle hundreds/thousands of repeated actions daily, could not be successful without out automation/robots. Ordering on-line and receiving our order in 24 hours is possible because of automation driven by AI and robots. Think Amazon and similar operations.

Who hasn’t called their doctors office for an appointment, or ordered any product or service and not be greeted by a robot? Police stations and Fire Stations use automated answering capabilities. Speak slowly and clearly, when leaving your address. Most automated answering services will verbally confirm the addresses provided by the caller. You may receive an immediate confirmation call.

Call your bank and your call is answered by a robot.

Need a loan, there is no one at the loan company to talk to you until you have initially answered questions about your qualifications for the loan to the robot.

Want to complain about something to a company, or talk to Medicare, or re-order your medications, call the right robot.

Want to connect by phone to a friend, or even a family member, you will likely be leaving a voicemail, unless you are really lucky.

Call your library, and you will be greeted by a robot.

Want to talk to any government official, or call your Mayor’s office, meet another machine (robot).

Want to contact your location radio station by phone? Meet another robot.

Sentry robots are now available to provide security at schools. They can immediately initiate a 911 call to the local police. In the meantime, the sentry robot can be moved and inserted between the intruder and any one threatened in the school, including students, teachers and school staff.

The next generation of school sentries may have the capability to disarm or attack intruders, not just detect and alert security/police.

Robots do not need medical or life insurance, child care allowances, vacation time, overtime pay, retirement pay, bathrooms, lunch rooms, lockers, and any type of facilities needed by humans.

In the military, our military bases are guarded as much as 24 hours a day, by sentry robots that are quick to respond to a security intrusion and with sensors can detect motion and/or body-heat to locate an intruder. Some robots can be designed to attack intruders with a variety of differe

AI has already eliminated millions of jobs because automation and robotics has already replaced humans in many fields. This is a trend that will only accelerate. A more detailed report will follow after the main topic of AI and Warfare is first discussed.

AI and Automation has already changed warfare in many dimensions, and will even impact warfare more tomorrow.nt weapons.