

How the Telecommunications Industry 5G Strategy Will Use Artificial Intelligence to Replace Human Intelligence: The End of Mankind as We Know It

Martin L. Pall, June 8, 2019

Abstract

It has become clear from many recent articles, both favoring and opposing 5G, that the main function of 5G will be to be used as a bi-directional conduit for artificial intelligence (AI) information between high powered AI programmed computers and both peripheral sensors and peripheral devices. In this way, AI can be used to provide real time control in changing, including rapidly changing situations. The problem is that when one has 5G wireless communication of the vast numbers of pulsations required for such rapid bi-directional communication, the human impacts will be massive, with human brain structure and function and therefore human intelligence being massively impacted. It follows that using 5G in this way, will cause a rapid massive shift from human intelligence to artificial intelligence such that mankind if it survives at all, will have no resemblance to any humanity that we have previously known. Accordingly, we need first to have a realistic debate on the consequences of the 5G technology in order to determine whether we want to turn over much of the world to AI control while destroying humanity as we know it. We also need to determine whether the consequences of EMF exposures, including 5G exposures should be viewed, as we have so far, as unintended consequences as opposed to a calculated part of the strategy to overturn human intelligence and replace it with AI.

Discussion:

Much of the discussion of 5G to date, makes no sense. There is no public groundswell demanding still faster downloads of information or communication with the “internet of things.” There certainly is no groundswell of demand to have millions 5G antennae put out in close proximity to our homes, schools, workplaces and hospitals, with no biological safety testing whatsoever. There is no groundswell of demand for 5G services within the general public. Nor has it been obvious, where the primary demand for 5G may come from to cover the vast inevitable financial cost of the system, let alone the human costs.

I have listed a series of articles on the internet (see below), each of which argues that the main function of 5G will not be to serve the general public, but rather to serve large corporate or possibly government organizations with perceived artificial intelligence (AI) needs while providing the telecommunications companies with vast revenues and shared monopoly power over these services.

5G does make some sense in that it can service AI usage in real time, even in situations where there are rapid changes in the situation that require rapid information transfer from sensors to AI computers and also rapid information back to devices which can then respond to the changed conditions. However this can be done in wired fashion in most situations avoiding, then the dangers of 5G EMF exposures. *The only reason to have 5G dispersed widely in close proximity to the vast majority of the population is to use 5G and AI as a network for massive repression!*

The other problem for humanity comes from the fact that using wireless communication as opposed to wired communication inevitably exposes humanity as well as all ecosystems to massive attacks which in humans and animals include massive attacks on our brains. This comes from the fact that 5G wireless communication of the absolutely unprecedented amounts of information inevitably requires exposure to trillions of pulsations, most of which will be in the nanosecond range which produce, in turn, massive activation of the main target of non-thermal EMFs, the voltage sensor of voltage-gated ion channels.

It follows from this that 5G use for AI, will mean that human intelligence will inevitably collapse, making us (to the extent there still is an us) completely dependent on AI. I would predict that this will, in turn, lead

to massive human massacres through the use of police drones purportedly to maintain “law and order.” This will occur in one of both of the following situations:

1. There is massive resistance against 5G from people, before our brain function has completely collapsed.
2. The collapse of our collective brain function and the realization that we are approaching extinction leads to utter chaos.

This will, of course, be labeled a conspiracy theory, that is, after all, exactly what it is.

Does it make any difference as to whether this theory is correct or not? Surprisingly little. Why not? Because it is undoubtedly the case, that the way 5G is being “rolled out” world wide, is to produce a shared monopoly on artificial intelligence data transmission while simultaneously severely attacking human intelligence, and in that way, producing an artificial need for their product.

All Accessed June 7, 2019.

Investor’s Business Daily

<https://www.investors.com/news/technology/artificial-intelligence-5g-wireless-seen-heralding-new-data/>
Artificial Intelligence, 5G Wireless Seen heralding New Data Age

PATRICK SEITZ

1/11/2018

LAS VEGAS – While finished products get most of the attention at the annual CES consumer electronics show, "ingredient technologies" are the unsung heroes, setting the stage for exciting new devices and services in the years ahead. of the attention at the annual CES consumer electronics show, "ingredient technologies" are the unsung heroes, setting the stage for exciting new devices and services in the years ahead.

Two of those "ingredient technologies" being touted at CES 2018 are 5G wireless and artificial intelligence, officials say.

"5G and AI are heralds for the coming data age," said Steve Koenig, senior director of research for the Consumer Technology Association, owner and sponsor of CES, which opened Tuesday and runs through Friday. "CES is going to set the pace for that."

5G boasts fiber-like data speeds, low latency and the ability to support unlimited data plans. It will fuel new services and technologies such as the Internet of Things, augmented reality, autonomous vehicles and smart cities.

With today's 4G wireless networks, consumers can download a two-hour movie in 6 minutes. With 5G that will take 3.6 seconds, Koenig said, going at speeds of 10 gigabits per second vs. 100 megabits per second with 4G.

Wireless operators such as AT&T ([T](#)), Verizon ([VZ](#)) and China Mobile ([CHL](#)) are beginning to deploy 5G networks. Wireless-communications chip maker Qualcomm ([QCOM](#)) is using CES to boast about its 5G expertise. Qualcomm shares were up fractionally Thursday to 65.43.

Qualcomm is well positioned to continue its dominance in wireless chips because of the increasing complexity of mobile radio frequency chips and its ability to support numerous RF bands in devices, Qualcomm President Cristiano Amon said at a media briefing Monday. 5G will see an order of magnitude increase in combinations of wireless frequency bands vs. the current 4G standard, he said.

"5G is a great, exciting opportunity because it is going to be a reality sooner than everybody thought," Amon said. "We are going to get 5G into a smartphone as early as 2019."

<https://www.forbes.com/sites/forbeslacouncil/2019/05/23/how-5g-ai-and-iot-are-set-to-accelerate-digital-transformation/#6c0a0c54183a>

May 23, 2019, 07:00am

How 5G, AI And IoT Are Set To Accelerate Digital Transformation

Forbes Los Angeles Business Council

Einaras von Gravrock

The next, more mature stage of the connectivity will be powered by three key elements: the internet of things, machine learning and 5G. The constant growth of online services and internet of things (IoT) devices generate massive amounts of data, which can be sorted via machine learning algorithms. 5G connectivity accelerates the data transfer and allows the process to scale even further.

Unfortunately, digital transformation won't reach its potential unless consumers can trust that all of the data they generate through their devices is private and safe. Many companies today are doing a poor job addressing this need. Here's why I believe that trust is the key component that unlocks the potential of this new technology.

Two Sides Of The Connectivity

Today, advanced connectivity is both valuable and risky. While it's convenient to use smart home devices, they are vulnerable to cyber threats and may even be recording you without your knowledge. Social media is a great tool to connect — until your data gets harvested by third parties. Web tracking tools are supposed to personalize the experience, but they are often used to display advertisements instead.

A recent Eurobarometer study revealed that 87% of Europeans surveyed avoid disclosing personal information online. Last year, my company surveyed a representative sample of 2,600 smart homeowners. We found that 87.3% were "highly concerned" about losing personal and contact information, while 77.5% worry about unauthorized remote access to their connected devices.

Despite the awareness, more than 2.2 billion user records have already been breached due to a combination of reckless data security by enterprises and lack of personal cybersecurity efforts by users. That includes social security numbers, driver's license numbers and other personal and financial information. The lack of cybersecurity and privacy is a huge risk for digital transformation.

<https://www.bloomberg.com/news/articles/2019-05-16/south-korea-s-embrace-of-5g-may-usher-in-an-era-of-robot-friends>

May 16, 2019

Your Robot Assistant Will Soon Be Able to Read Your Emotions

Businesses are counting on faster speeds to deliver AI-based assistants and 3D content, as well as holograms, that will someday be a daily part of people's lives.

By Sohee Kim

In South Korea, the country with the world's fastest internet speeds, the transition to 5G networks is also leading to an era of interactive robots. South Korea switched on 5G networks nationwide in April, with data speeds of about 1.5 gigabits per second. Businesses are counting on 5G to deliver artificial-intelligence-based robots, 3D content, and holograms that they say will someday be a part of people's daily lives. The higher speeds will enable companies including automakers and wireless carriers to connect devices with vehicles, home appliances, and buildings. And because the country also boasts the world's highest robot density, some of these same companies, such as Hyundai, LG, and Samsung, are trying to develop bots that will provide some fixes for problems like a rapidly aging population and rising labor costs.

At CES, Qualcomm announced a series of RF front-end chip design wins with Alphabet's([GOOGL](#)) Google, HTC, LG, Samsung and Sony ([SNE](#)) for new flagship smartphones.

Artificial intelligence is another ingredient technology showing up in more products at CES 2018. Devices infused with AI have the ability to anticipate a person's needs based on their past behavior and preferences.

Consumer electronics vendors Samsung and LG Electronics announced plans at CES to add intelligence to all of their devices, from TVs to household appliances.

Nvidia ([NVDA](#)) is promoting its graphics processing units for AI computing at CES. Speaking at a press event Sunday, Nvidia Chief Executive Jensen Huang said the technology is going to "revolutionize" many industries. Already AI is enabling software to write software and is playing a critical role in self-driving cars, image and speech recognition and other areas, Huang said.

<https://threatpost.com/ai-mandatory-5g-security/145198/>

AI, the Mandatory Element of 5G Mobile Security

The complexity and scale of the 5G ecosystem, combined with a lack of skills and training in software-centric security, will be important drivers for AI deployment in the carrier space.

THE HAGUE, Netherlands – Artificial intelligence will be a requirement for securing carrier 5G networks – which is shaping up to be a technology juggernaut that presents unique challenges unlike any ever seen in the world of telecom until now.

That was the assessment at the GSMA Mobile 360 Security for 5G conference, taking place here this week.

To understand the challenges and the drivers for artificial intelligence (AI), it's important to understand that existing telecom networks, even today's 4G LTE networks, are built from a hardware-centric perspective, using the vertical-stack Open Systems Interconnection (OSI) model. Features include a heavy reliance on hardware big routers and switches with device-specific software to run them. Functions are hard-coded and largely siloed. Extensive operations support systems/business support systems (OSS/BSS) are relied upon to carry out management and orchestration functions and to provide subscriber management and billing.



Health and Wellness News

<https://tlcnews13.com/5g-artificial-intelligence-beast-system/>

Evolution to 5G and Artificial Intelligence Beast System

By Melinda Bey - January 16, 2018

Telecommunication companies are using 5G to promote artificial intelligence. They claim it will improve your WiFi speed. But, is there another reason for all these new towers? The 4G Network is working well, so what is the big rush?

Why are telecommunication companies building more towers?

Towers are popping up in California, New York, and other states. These cell phone towers are spreading like viruses in 100-million dollar budget projects. They are using 5G to push artificial intelligence. The excuse they give is to improve WiFi connection, making it faster and better.

Experts claim data will transmit at a much higher rate. But, the primary concern is the amount of radiation coming from these cell phone towers. According to Elon Musk, artificial intelligence is a threat to human civilization and is like summoning demons.

AI is a fundamental existential risk for human civilization, and I don't think people fully appreciate that. With artificial intelligence, we are summoning the demon. ~Elon Musk

The real reason for the new towers

The government wants to keep track of your every move, using 5G antennas. They are paving the way for trans-humanism. The 4G network already has artificial intelligence robots shown by the media. The implication is electromagnetic frequencies will increase due to the 5G towers. People will have exposure to them on a daily basis and throughout the year.

The communication industry does not see the harm in placing 5G towers 40 to 100 feet apart from each other. They plan to install these towers in all residential areas. A harmful effect of these towers includes a disruption of metabolic systems. More damages include breakage of DNA strands and a low sperm count. Extra health risks include irregular heart rate, melatonin reduction, and increased stress levels.

The images below show the effect cell phone towers have on living organisms near the area. If the towers have that effect on plants, can you imagine the impact it will have on humans? A school experimented and found out garden cress will not grow near WiFi routers.

In California, they are placing huge towers in and close to palm trees. The palms nearest to the towers are half dead and dry. The trees died within six months.

How to protect yourself from the radiation

Learn how to shield your homes from the radiation coming from cell phone towers. Research the paints and screenings available. Place magnets all around your windows and inside your rooms. Technologies are available to help you protect your home such as EMF protection devices.

Detox your body of heavy metals. It will help to prevent artificial intelligence via micro antennas in your body. They work by picking up electromagnetic frequencies. Plus, heavy metals will alter your nervous system, affecting your body and mind.

Eat a lot of greens and stay close to nature to fortify your energy field and overall health. Cilantro, watercress, spinach, and kale are great to cleanse. Use them to feed your magnetic field and remove heavy metals from your body.

Are you living near any cell phone towers, and what are you doing to protect yourself?

Reporting for TLCNews13,

Melinda Bey of <http://aromaoilganics.com/>

<https://finance.yahoo.com/news/innovations-5g-artificial-intelligence-natural-123600054.html>

Innovations in 5G, Artificial Intelligence, Natural Language Processing, and Data Science, 2019 Study - ResearchAndMarkets.com

Business Wire Business Wire June 7, 2019

DUBLIN--(BUSINESS WIRE)--

The "Innovations in 5G, Artificial Intelligence, Natural Language Processing, and Data Science" report has been added to ResearchAndMarkets.com's offering.

This edition of IT, Computing and Communications (ITCC) TechVision Opportunity Engine (TOE) provides a snapshot of the emerging ICT led innovations in artificial intelligence, Natural Language Processing (NLP), and data science. This issue focuses on the application of information and communication technologies in alleviating the challenges faced across industry sectors in areas such as healthcare, agriculture, retail, human resources, and marketing sectors.

ITCC TOE's mission is to investigate emerging wireless communication and computing technology areas including 3G, 4G, Wi-Fi, Bluetooth, Big Data, cloud computing, augmented reality, virtual reality, artificial intelligence, virtualization and the Internet of Things and their new applications; unearth new products and service offerings; highlight trends in the wireless networking, data management and computing spaces; provide updates on technology funding; evaluate intellectual property; follow technology transfer and solution deployment/integration; track development of standards and software; and report on legislative and policy issues and many more.

Key Topics Covered

1. AI-based Solution for Revolutionizing Pathology
2. AI Solution will help Faster and more Accurate Cancer Diagnosis
3. Conversational AI-based Marketing Solution
4. Automat's AI Solution Enables Personalized Communications with Customers
5. AI-based Solution for Voice and Vision Analysis
6. Improving Human Assistance with AI-based Technology to Provide Better Customer Services
7. Big Data-based Crop Intelligence Solution
8. The Solution Helps Enterprises and Farmers to take Informed Decisions
9. AI-Powered Solutions to Address Business Challenges and Improve Revenue
10. Deepsense's Data Science Capabilities Help Businesses to Uncover Hidden Benefits
11. Image Recognition Solutions for Solving Challenges in Retail Stores
12. Vispera's Image Recognition Accuracy is Capable of Handling More Diverse Use Cases in Other Verticals
13. AI-based Solution for Recruitment
14. AI-based Solution Helps Recruiters to Hire the Best Talent in Less Time
15. AI-based WLAN Platform for Business-Critical Wireless Operations
16. AI-based Automation and Insights Ensure Time and Cost Savings
17. AI Cognitive Solution for Object Detection
18. Machine Learning Capability Enables Accurate Image and Video Tracking
19. NLP-powered Technology Platform to Address the Concerns of Unstructured Qualitative Data
20. Solution Supports High-scale Document Classification for Large Volumes of Unstructured Data
21. Key Contacts

For more information about this report visit <https://www.researchandmarkets.com/r/4cs2ne>

<https://whatphone.com.au/guide/5G-and-Artificial-Intelligence-Next-Gen-Phones>

5G and Artificial Intelligence – Next Gen Phones

5G and AI (Note: only a section of the article is copied here)

The coming 5G network rollout holds a serious advantage for phones and systems which rely heavily on AI. Given the amount of computations and calculations which AIs need to make every second, there is need for a faster speed on the network.

Currently, the 4G network is what is available to users. The only issue is that AI technology has improved past the capabilities of 4G, and these updated technologies will consume a lot more data.

Enter 5G.

<https://www.cnbc.com/video/2019/04/26/all-eyes-on-5g-and-artificial-intelligence-says-analyst.html>

CNBC

Squawk box Asia 2019-04-26T06:16:14+0000

'All eyes on 5G' and artificial intelligence, says analyst

Christopher Rolland of Susquehanna Financial says investors should try to be exposed to 5G semiconductor stocks.

https://www.researchgate.net/publication/329495369_Artificial_Intelligence_in_5G_Technology_A_Survey

Artificial Intelligence in 5G Technology: A Survey

September 2018

DOI: 10.1109/ICTC.2018.8539642

Conference: 2018 International Conference on Information and Communication Technology Convergence (ICTC)At: Jeju Island, South Korea

Manuel Eugenio Morocho CayamcelaWansu Lim

Abstract:

A fully operative and efficient 5G network cannot be complete without the inclusion of artificial intelligence (AI) routines. Existing 4G networks with all-IP (Internet Protocol) broadband connectivity are based on a reactive conception, leading to a poorly efficiency of the spectrum. AI and its sub-categories like machine learning and deep learning have been evolving as a discipline, to the point that nowadays this mechanism allows fifth-generation (5G) wireless networks to be predictive and proactive, which is essential in making the 5G vision conceivable. This paper is motivated by the vision of intelligent base stations making decisions by themselves, mobile devices creating dynamically-adaptable clusters based on learned data rather than pre-established and fixed rules, that will take us to a improve in the efficiency, latency, and reliability of the current and real-time network applications in general. An exploration of the potential of AI-based solution approaches in the context of 5G mobile and wireless communications technology is presented, evaluating the different challenges and open issues for future research.

<https://takebackyourpower.net/5g-the-big-picture/>

5G: The Big Picture, by Jeremy Naydler, Ph.D., 6 April 2019