

## SCAN YOUR LIFE IN THE DIGITAL ERA

Roxana-Daniela PAUN<sup>1</sup>

<sup>1</sup>*Faculty of Legal Sciences and Administrative Sciences.,  
Spiru Haret University, Bucharest, Romania  
Berceni Road, no. 24, sector 4, Bucharest  
Telephone: 021.334.44.19, E-mail: roxana.paun@spiruharet.ro*

*Motto: The truly good man is only the one  
who could have been bad and wasn't - Nicole Iorga*

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**Abstract:**

*"Distance doesn't separate people, silence does!" Artificial intelligence is a reality and it evolves every day, it simplifies life where it is used in the human's interest, being already applied in many fields. Is there any risk of moving away from the noble goal of being at the service of the collective good and of being used against people to limit fundamental rights and freedoms? Is there any risk that the totalitarian society will re-establish itself, this time on a global level? The current study presents, in summary, a first analysis of the latest developments in this field, starting from the Chinese experience, as far as it is known and popularized regarding facial recognition made by artificial intelligence for monitoring citizens for the social credit system.*

**Keywords:** *database, artificial intelligence, digital life, facial recognition, citizen monitoring for the social credit system*

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## Introduction

Confucius (Chinese philosopher- 551 BC- 479 BC) identifies three methods of acquiring wisdom: the first is reflection, which is the highest, the second is imitation, the easiest, the third is experience, which is the most bitter.

In this study, I invite the reader to reflect, knowing that already in history the ancestral generations have repeatedly experienced totalitarian, dictatorial societies, confirming the third way identified by the great philosopher, experience, which is the most bitter. Rightly follows the question of what is the connection between artificial intelligence, modern technologies and the totalitarian, dictatorial society.

What could be dangerous for the fundamental human rights and freedoms, (Magna Charta Libertatum – June 15, 1215, liberties/customary customs, Bill of Rights, 1689 – freedom of expression, no punishment/excessive/inhumane treatment, Bill of Rights, 1781 – development liberties, Declaration of the Rights of Man and Citizen, 1789 – individual rights / collective; women's rights; equal rights), and these acquired over time, with generations of sacrifice. Unfortunately, we recently experienced the pandemic that literally shut down the entire planet, limiting fundamental human rights and freedoms for medical reasons (Roxana-Daniela Paun, 2021)

History will record the evidence that is now beginning to emerge, like oil on water, restoring the truth. Manipulation and disinformation techniques used by the leaders of the world according to the manual (Disinformation Treaty - From the Trojan Horse to the Internet Vladimir Volkoff, 2009) cannot keep all the nations of the world away from the truth, sooner or later, those who really want to know the truth, will do it!

The current generation is at a crossroads, as were our predecessors during the previous industrial revolutions: 1700 - the invention of the steam engine which led to the emergence and development of factories and the textile industry; 1800- when manufacturing production was replaced by mass production, along with the development of steel production and electricity; 1900 - the invention of the computer and the Internet, 2000, the beginnings of research in the field of artificial intelligence, 2010 the launch by the Rockefeller foundation of the document "Scenarios for the future of technology and international development", 2020 the emergence of Artificial Intelligence (AI).

Using the Internet, the source of digital information, where you can find real information but also a lot of manipulation, from the apocalyptic scenarios of the disappearance of the planet, of alien invasion, which by the way, now their

existence is recognized in the galactic space in which Earth is a planet like any other; we can easily realize that the manipulation through fear and the denial of some truths that are later confirmed, represents the way to sleep the consciousness of the planet's populations! (Roxana-Daniela Paun, 2022)

### **1. Artificial intelligence and manipulation of the masses through permanent monitoring through facial scanning**

Starting from sci-fi books and movies, we find that technology has evolved almost identically to what was written and played in the movies: Jules Verne's submarine already seems like history, the flight to other planets is a reality, the use of the laser from Star Wars is now a reality in delicate and difficult medical procedures, teleportation and time travel will be confirmed for the public as soon as possible, being already scientific evidence of the phenomena that take place in the Bermuda triangle, the Philadelphia phenomenon, etc.

The publication by the New York Times of a book by the Chinese president of Google and Microsoft's research division, named after Kai Fu Lee, book entitled: "The Superpowers of Artificial Intelligence, China, Silicon Valley and the New World Order". ("AI super power, China, Silicon Valley and the New World Power"), speaks for itself about preparing nations for the future. Do you remember the very appropriate period, of the medical dictatorship, when FB and Twitter accounts were closed, blogs with uncomfortable guests, whose opinions could not be censored in a live broadcast, online newspaper pages, information from the virtual environment regarding the pandemic, regarding the doctors who were dismissed from their positions if they had a different opinion than the orders given by the center, televisions were closed that tried to enlighten the population that had no other source of information, at that time, than the Internet!

"And in a society where everyone is digitally connected, the state can instantly turn someone into an outcast when algorithms make them radioactive, even to their own family members." (<https://reactionarii.home.blog/2020/09/26/sistemul-de-credit-social-care-se-apropie/> 2020)

In China, artificial intelligence uses facial recognition to monitor citizens for the social credit system - is an article published on September 26, 2020! The article details excerpts from the book Live Not By Lies ("Don't live by lies") and warns the reader of author Rod Dreher's belief that: the "velvet totalitarianism" that is coming our way will be based on a social credit system similar to that used by

Chinese to control the masses and compel them to conform without having to resort to "hard" methods.

It is interesting that, although the facts presented in the article, as quoted in the book, are real, being also taken over by the American journalist John Lanchester („China is about to become something new: a totalitarian state empowered by artificial intelligence," "The project aims not only to create a new kind of state, but also a new kind of human being who has fully internalized the demands of the state and the completeness of its supervision and control. Internalization with reason is actually the goal: state agencies won't even need to step in to correct the citizen's behavior because the citizen himself has already done it."), nevertheless, there are reactions at the end of the article that tend to discredit and ridicule these events that take place spend in China, a doctor's point of view. (Aaron Kheriaty, MD, 2020 "Dispatch from the Front: In our psychiatric clinic I now see people of all political stripes who honestly believe the Apocalypse is coming. Literally. And I don't mean psychotic or manic individuals. Otherwise completely healthy people are terrified")

All those who throughout history managed to make revelations that, with all the opposition of those in power, crossed history and remained to be revealed to posterity, and proved to be real, in the times in which they lived, they were considered crazy, discredited, removed from their professions and even hospitalized in mental institutions, etc.

Do you think that by chance the archives of the American security services are secret for 50 years? It is the age of the contemporary generation with the events that should or should not be revealed as truth. For the rest, libraries can burn, we have enough examples in history, and now, when information is stored in servers, in the digital age we have entered and which is only at the beginning, it is all the easier . With a simple click on the computer key, or with a virus, the information disappears, the digital identity of the person disappears, and without it the person no longer exists.

## **2.Social credit, the road to the digital era and the disappearance of money in physical format.**

For a totalitarian state like China, it is not a shocking thing, but for the rest of the planet, can anyone guarantee, at this time, that this system cannot be generalized?

A concrete argument, we can also find it in the indicated article, states that: "we have evidence that the American industry is preparing for the implementation of a

social credit system here in the USA. A reader who is an engineer sends me a briefing on this, and says that the central takeaway would be that the American high-tech industry is ready and willing to do it here.” (<https://reactionarii.home.blog/2020/09/26/sistemul-de-credit-social-care-se-apropie/>)  
 2020-Social Credit Market by Physical and Cyber Infrastructure (Sensors, Video Cameras, Biometrics, Computer Vision), Software (Machine Learning, Data Analytics, APIs), Use Cases, Applications, Vertical Integration and Regions 2020-2025)

The company that sells this report is indicated in the article, and a selection of this report can be found in the appendix to this study. If you study carefully, including the content of the annex regarding the book "Social Credit Systems are becoming Adjunct Health Protection Solutions", does anyone doubt that the pandemic was part of the plan to forcefully introduce this plan to introduce social credit at the planetary level through the use of databases using AI, which will control EVERYTHING that moves on the planet?

Is it, in this context, justified to alarm world public opinion?

It is also interesting, how long will the material exist on the net? Why hasn't it been deleted or banned yet, as happened in many other situations during the pandemic, with information that was not approved, especially when it was proven scientific that things were not as the authorities presented them?

Beyond all these aspects, the fundamental problem remains, when the population will wake up that has the necessary training to enlighten others as well, the many, who currently allow themselves to be drawn into the mirage of convenience and comfort in which you expect someone else to work and you to receive social assistance, because that's all the state is for...?!?

Why did no one make a connection between the pandemic and the plantar lockdown as the first step towards giving up the current money and creating the digital currency, which is already a reality and the stages are advanced?

However, what is the connection between giving up cash and money in physical form in favor of a digital tool that is much easier to use, but also to monitor, a progressive element... but... does anyone still realize that "the road to hell is paved with good intentions???"

Why China? A totalitarian state, where fundamental human rights and freedoms DO NOT EXIST!, from where it is difficult to find real information about what is happening, and precisely because, it seems hallucinatory,...no one takes seriously that a system is being experimented there of life, of slavery, which can then be generalized.

Respect for fundamental rights and freedoms is a wish in totalitarian states and still a reality in EU member states. Artificial intelligence is a reality and it evolves every day, it simplifies life where it is used in the interest of man, being already applied in many fields. (Roxana-Daniela Păun, 2022)

It is undeniable the evolution of society and many fields of research that use modern technologies and AI in the discovery of new treatments for the cure of so far incurable diseases, this to consider only the medical field. However, who guarantees that the generalization of AI in the monitoring of every individual on the planet does not reduce to the point of cancellation fundamental human rights and freedoms recognized and applied by so many generations? It is a rhetorical question, to which we still do not have an answer, except only from the post-pandemic reality where, through the successive lock-downs, ALL fundamental human rights and freedoms have been violated, but the future and the way in which they react or not each individual will generate the fulfillment or not of the prophecies and/or forecasts of specialists for or against AI.

One thing is certain, that the entire society at the global level is obliged to adapt first to the experiments, which are then generalized and become, through their imposition by law, mandatory, depending on how those who are imposed react or not new rules that forcefully change their lives. Which of these forecasts, prophecies, forecasts, or whatever they are called according to their authors, will be confirmed as such or will be modified in the future, no one can know, however, in the post-pandemic period, many of the "conspiracy theories" from that period they proved true.

There remains another question that awaits an answer: to what extent should we accept AI in our lives? The exclusive use of technology brings you to the stage of dependence, which also affects the ability of the brain to think without the support of technology. The human's natural ability to adapt is affected. A simple experiment can be an exercise in adapting and orienting a person without a mobile phone, without location applications (waze, google - share location, etc.) for example in a crowded city, behind the wheel of a car. The explanation: the brain is waiting for the application to give it the route to follow and then distributive attention is no longer used, panic sets in, especially if you also have horns that stress you, or around you there are streets with prohibited access. The whole brain is blocked and it is demonstrated by the specialists of other disciplines that in a state of fear, of maximum stress, the person remains paralyzed by fear, without reacting, or with prohibited reaction times.



At that moment, after years in a row someone else decided in your place, offering you comfort (according to the dictionary definition, comfort: The totality of material conditions that ensure a civilized, pleasant, comfortable and hygienic existence.), i.e. "civilized, pleasant existence, and above all the lack of care", you become indifferent if you still have the rights and freedoms you once had, with which you were born, but which belong to you only because you were born in this century!

### **3.The role of the pandemic in the implementation of population control through AI**

After the end of the pandemic, information from a Rockefeller Foundation report, published by the president of Ghana (former lawyer specialized in human rights), began to appear in an interview that went around the world in the online environment and where it is read from the depopulation agenda of the planet financed by Bill Gates, Fauci and the respective foundation.

Summarizing, the vulnerability of the immune system, through the lack of contact between people, with bacteria and viruses that activate the immune system of each person to fight as it has done since the beginning of man's existence on earth, has generated an increase in the risk of illness, through the lack of movement in the air free.

The effects of the world lock-down by keeping in quarantine for as long as possible led to the destruction of the economies of those countries/regions. The destruction of economies in turn generated social disturbances, unemployment, the drastic reduction of jobs with the disappearance of economic activities, service provision, the breaking of the food chain caused the beginning of a lack of food, which continues with the creation of the food crisis at the level globally, to accept new food resources made in laboratories, etc.

Non-compliance with the rules of the lock-down was manipulated to blame the populations that went to get their hair cut and walked outdoors (we also remember the closure of parks and outdoor recreation places) for the manifestation of freedoms that had consequences unlucky. The new and tougher quarantine, experienced and applied differently in Europe, the USA, Australia, Canada, but also in other countries of the world, is the optimal solution for maintaining the state of fear, which will paralyze the attitudes of people who have complied, to some extent measure, willingly renouncing their rights and liberties, being lied to that they are doing it for the common good, knowing that the mass media did not report the uprisings of citizens in the various states during this entire period.

Despite the medical opinions of some immunologists, who began to react and explain that the medical measures and procedures adopted by governments at the recommendation of the WHO, which later became mandatory, are not effective, and are even dangerous in the medium and long term for people's health divided every country, region, continent and even the whole planet into pro and anti-vaccinists. However, social networks were invaded by images, photos, live or recorded films, with the uprisings of free citizens from democratic states who demanded their rights and freedoms back, information that could not be stopped, even if accounts were closed of FB, televisions, etc.

Extrapolating, gradually, the modern man of the contemporaneity accepted out of fear, with great ease, through manipulation, the harsh experiments during the pandemic, which were different, for example in the European states (Different lockdowns in the EU states, experiments in the theater half of the hall with a mask, half without, then testing all the spectators if they got infected or not?!?), turning the entire planet into an experimental laboratory. An example of an experiment: what protection do you have in a closed pool from panels??? As if the air only circulates near the panel.

However, the hilarious measures, scientifically unjustified, the plan revealed by the president of Ghana by reading the report (Rockefeller - Lockstep 2010) of the mentioned foundation which foresees the stages of the planned global pandemic, after the creation of a contagious virus but with a low mortality rate, detailed steps by phases, with the general diagram and predicted results, compulsory vaccination and certification plan for everyone, with vaccination verification/certification protocols (digital ID); they generated and fed fear in the entire population of the world, and this changed the behavior in the medium and long term at the individual level.

At the psychological level, everyone's behavior has changed, loneliness even generating mental illnesses, treated of course with drugs for the enrichment of Big Pharma. If vaccines are no longer sold, drugs for mental illnesses developed post-pandemic are sold.

In the same document cited in the interview of the president of Ghana (Nana Akufo Addo, President of Ghana, former lawyer specializing in human rights Nana Akufo-Addo was inaugurated as the President of Ghana in 2017), the new economy model Microsoft Patent 060606 is explicitly mentioned, the cryptocurrency system that uses data of bodily activity, based on human behavior and the disposition to obey. Version of the technology seen in the episode "15



million merits" from the TV series "Black Mirror" (See min. 12.30 of the interview of the president of Ghana regarding the plan to depopulate the planet recorded in a report of the Rockefeller foundation from 2010), in which water, food, shelter and other essential elements are used as a weapon to force the implementation of the New Economic System based on earned credit points to -ensures you the necessities of life, to survive, if you comply with the system and do not oppose it, that is exactly the system applied in China, the subject of our analysis. In a dictatorship like the one in China, whoever does not obey is sanctioned, loses credit points and can no longer secure the things necessary for survival. Goodbye rights and freedoms! And this foreseen since 2010, at the time when the whole planet was quietly dealing with development, progress, not realizing what it was going to "experience", according to the report, which until now is proven by what was revealed by the president of Ghana, and not only that they realize gradually, step by step, according to the scenario considered until recently a conspiracy, in order to be discredited and not attract the attention of humanity, except at a moment when things are so advanced, that nothing can frustrate their diabolical plan!

An example where AI is already being used is the car of the future, the autonomous car, without a driver. Advantage, you will have time to do something else on the way to work, long-term effect, assured urban transport, the disappearance of personal cars, currently used argument, the reduction of carbon emissions. And again, sci-fi films from the 1990s-2000s produced by Hollywood are becoming reality. The movie "Equilibrium" is another example of our future that is getting closer! (I recommend watching it for those who haven't seen it yet!)

Another material made by HBO on 12 Dec 2018 about China's "Social Credit System" Has Caused More Than Just Public Shaming is edifying to understand how AI is introduced in the life of the common man. ([https://www.youtube.com/watch?v=Dkw15LkZ\\_Kw-](https://www.youtube.com/watch?v=Dkw15LkZ_Kw-) China's "Social Credit System" Has Caused More Than Just Public Shaming (HBO) 12 dec. 2018 DONG HUO TANG ZHAI, RONGCHENG)

*„China is testing a new plan to urge its citizens to do more good and be more trustworthy - the Social Credit System. It's kind of like the American credit score, except it tracks far more than financial transactions. It tracks good — and bad — deeds. Part of the system is a neighbor watch program that's being piloted across the country where designated watchers are paid to record people's behaviors that factor into their social credit score. A high score could bring you lower interest loans and discounted rent and utility bills, but if your score is low, you can be*

*subjected to public shaming or even banned from certain kinds of travel, life gets hard. China's economy has exploded over the past decades, economic reforms required banks to be able to evaluate individuals looking to borrow money to buy houses or start new businesses. Fraud and excess borrowing were rampant because most people didn't really have much of a credit history. To measure its citizens' trustworthiness, in 2014, The State Council laid out a plan that aims to build a centralized database to evaluate individuals and organizations based on their financial and social behaviors. The program is scheduled to be nationwide by 2020, which means every Chinese citizen will be tracked, scored, and receive perks and restrictions accordingly." (presenting the film China's "Social Credit System" Has Caused More Than Just Public Shaming (HBO) 12 dec. 2018)*

### **Conclusions**

**Is there any risk that the totalitarian society will re-establish itself, this time on a global level?** At the World Economic Forum in Davos, 2020, the historian, philosopher, author Yural Noah Harari, speaks from the podium of the forum about the dangers of AI: "rise of the data colonialism and digital dictatorship."

Listen to everyone, but think with your mind, because you will walk with your feet. In a virtual environment where there are many fake news, but where there are also credible sources, but which are eliminated from the virtual space because they do not fit into the ideological line of the moment, "He who learns, but does not think, is lost, but also that who thinks, but does not learn, is in great danger. (one of the 10 laws of Conficius)

Corroborating what Nicola Iorga said: "As those who do not learn from the mistakes of history, they are condemned to repeat them", we note that just as the Spanish flu pandemic of 1918-1919 wreaked havoc in the USA, then it expanded and in France, Belgium and Germany, after 100 years, the Covid pandemic is repeating history.

In the sphere of economic crises, after the crisis of 1929-1933, after 85 years, the liquidity crisis of 2018, again repeated the template of the crisis of 1933, another proof that human history repeats itself, and people from different generations and paradoxically from highly evolved and developed societies, repeats the mistakes of previous crises, proving that it is for nothing that they have specialists from all fields, including historians, who are not heard by those who have to manage the fate of the peoples of the world in different eras!

Digital life in the digital age that is still at the beginning, that is, our entire life, including commercial transactions, is monitored automatically, in the databases in the servers that use AI, and the credit-based society begins to take shape when money in the form physics disappear, and this moment is very close. The financial world is already used to cryptocurrencies and their fluctuations on the monetary markets, and the return to the gold standard, at the beginning of monetarism, seems like a chimera, and by no means a saving solution that could get the world out of the crisis.

Which crisis? Here appears the ever-increasing sphere of crises with which we are threatened as if to confirm the "so-called conspiracy theories", which part of them are already confirmed by everyday realities! Health crisis, liquidity crisis, economic crisis, energy crisis, renewable resources crisis, ecological crisis, water crisis, etc....

**Concluding** on the Chinese social credit system, Chinese with high social credit scores earn privileges. Those with a more modest score find that everything is more difficult for them in everyday life. They are not allowed to buy high-speed train tickets or plane tickets. The doors of certain restaurants are closed to them. Their children risk not being allowed to pursue higher education. He may lose his job and find another one with great difficulty. And a social credit violator will find himself isolated, because the algorithmic system also relegates those connected to him.

Could this be the model that wants to be generalized at the planetary level? It remains to be seen, and the future will confirm or deny what is currently already a reality in Chinese society.

However, Europe should learn from what is constructive and generates positive results in the short and long term in society, for example in the way adults treat the baccalaureate in Asian countries.

South Korea, Japan and China, the centers of intelligence, respect the exam period in a way that demonstrates care and concern for the training of the young generation, ensuring equal conditions for all young people who appear for their maturity exam!

Thus, all activities that produce noise are stopped completely on exam days, so as not to disturb the students' concentration; in South Korea taxi drivers transport students to high schools without payment; there are companies that give all employees time off to ease traffic on the days when the national baccalaureate is scheduled.

The baccalaureate in China, the financial center of the world, where in June there are three exams per day of two and a half hours each, is treated with great seriousness by the authorities, who have regulated pecuniary sanctions for those who make noise (constructions, urban transport, etc.) during the national exams. Education in the mentioned countries is placed in the first place, even if it is unanimously recognized that it puts a lot of pressure on young people who later develop mental disorders generated by stress and the belief that this exam is decisive for their future and that of their family. (This pressure has a legal explanation, because in these countries, the labor legislation does not provide for the European pension. Thus, parents who have reached the age at which they can no longer work, remain in the responsibility of the children, receiving only a compensation at the last salary, considered as a fund of retirement. Hence the tradition of the three generations raising the same roof, Grandparents raise grandchildren and extend their lives by remaining active, parents work and support children at schools and universities, and children learn. When they create their own family, it is also the exchange of generations, according to the same model.)

There are cases in South Korea where young people who were not at the top of the ranking in the regular exams, including the baccalaureate and admissions to top universities, committed suicide as a result of social, parental, family pressures, etc.

**The use of AI in neurotechnology, for the development of the implant that will connect the human brain, therefore the man of the future, to the computer, directly by thinking**

Confirming as if once again the speed with which AI is progressing, on December 1, 2022, Elon Musk, the head of Tesla, SpaceX and other start-ups, during a presentation of the progress of Neuralink, the company that belongs to him, confidently declared that "in six months, his neurotechnology start-up Neuralink will be able to implant its first connected device in a human brain, to communicate with computers directly through thought", informs AFP, quoted by hotnews.ro (<https://economie.hotnews.ro/stiri-it-25936291-elon-musk-spune-conectarea-creierul-uman-computer-prin-dizpozitivul-neuralink-sase-luni.htm> - 1 dec 2022)

Confident in his own investments in people and technology, Musk confirms that he "submitted all the documents to the FDA" (the agency responsible for public health in the United States), in order to receive approval from the competent American structures, and estimates that "within six months he will could have the first implant in a human". This statement comes after as early as 2018, Musk declared, in a public presentation at Neuralink, that he aims to obtain the approvals

by the end of 2020. Then, he declared, at a another conference, that they hope to begin human testing by the end of 2021, after receiving FDA approval.(20/08/2022) (<https://www.digi24.ro/stiri/externe/elon-musk-incearca-sa-obtina-un-acord-cu-dezvoltatorul-de-cipuri-cerebrale-synchron-dupa-ce-neuralink-compania-sa-a-ramas-in-urma-2054215->)

So things are not working as Elon Musk wants, the proof is in the investigation launched after 1500 monkeys, pigs and sheep died in the experiments to implant wireless chips in the brain. The news published on Dec 6, 2022 by New York Post and picked up in Europe (<https://www.activenews.ro/stiri/Cipurile-implantate-in-creier-de-Elon-Musk-s-ar-putea-sa-mai-astepte.-Compania-Neuralink-este-anchetata-dupa-ce-1500-de-maimute-porci-si-oi-au-murit-in-experimentele-de-implantat-cipuri-wireless-in-creier-177999-6-dec-2022>), confirms that the realm of human connection through AI, practically robotizing the human being, a divine creation, is far from being realized, as the supporters and executors of the New World Order want , which they no longer shy away from talking about, as happened a few years ago, when this topic was also considered to be the fruit of some people's conspiracy theories! The hijacking of the initial humanitarian intentions, to save people with serious illnesses and disabilities, is and remains a mechanism that has also been carried out on the occasion of other military experiments, which were then used on civilians as well.

*"Elon Musk's Neuralink, a medical device company, is under federal investigation for potential animal welfare violations amid internal employee complaints that its animal tests are being rushed, causing unnecessary suffering and death, according to filings reviewed by Reuters and sources familiar with the investigation and the company's operations, the NewYorkPost reports."*

In May 2022, Synchron, Elon Musk's Neuralink rival, begins testing the implant on the human brain.(<https://evz.ro/synchron-rivalul-neuralink-al-lui-elon-musk-incepe-testarea-implantului-pe-creier-uman.html> 15 mai 2022)

"Human trials on six severely paralyzed patients in the United States enrolled in the company's new clinical trial in New York and Pittsburgh to enable them to control digital devices hands-free using only their thoughts have begun," as the firm is the only company that received US Food and Drug Administration (FDA) approval to conduct "clinical studies of a permanently implanted BCI. The company's innovative BCI technology uses blood vessels as natural highways to the brain. The paperclip-sized device called the Stentrode is implanted into the brain's motor cortex via the jugular vein in a minimally invasive procedure, (...) to

translate brain activity into a standardized digital language, allowing patients to perform everyday tasks daily, such as texting, emailing, online shopping and accessing telehealth services without using their hands."

*"The company's new clinical trial, Command, is being conducted under the FDA's first Investigational Device Exemption (IDE). An IDE authorizes the use of a device in a clinical trial to collect data about its safety and effectiveness. "The Command study advances the development of Synchron's technology through the feasibility stage as we prepare for our pivotal trial," said Tom Oxley, CEO and founder of Synchron. Instead of piercing the skull, the Stentrod is fed through the patient's vein until it reaches the brain. "*(<https://evz.ro/synchron-rivalul-neuralink-al-lui-elon-musk-incepe-testarea-implantului-pe-creier-uman.html>- 15 mai 2022)

We see quite tough competition in this field, especially after Bill Gates, the founder of Microsoft, and Jeff Bezos, the founder of Amazon, invested in the start-up called Synchron. This is also confirmed by reality, Synchron being one step ahead of Neuralink, (<https://evz.ro/jeff-bezos-si-bill-gates-fondeaza-o-companie-care-concureaza-cu-neuralink.html>- 10 ian 2023)

At the very end of the article, the result of the Pew Research Center survey, published in March 2022, showed that only 13% of Americans believed that technologies like Neuralink would be a good idea for society. About 78 percent of the 10,260 adults surveyed said they would not want a brain implant. In conclusion, Americans are hesitant about such technologies."

The authors of the article state that "our awareness of the potential abuse of any technology is the power to create a society that ensures that our natural rights are protected, according to the Conservative Daily News. "

The conclusion of what the digital world offers us can also be represented by the fact that using a computer, with an intelligent programmer, a specially created software, based on AI, can also result in the image of an impressive house in Bucharest, made by a photographer in the Art Nouveau style , and became viral on social networks, but.... which does not exist in reality! This brings up the dangers of replacing reality with artificial intelligence.

## References

- [1] Roxana-Daniela Paun, "Victims of new forms of discrimination, reality of our contemporary modern society", page 140-156, Volume of the Landmarks Conference on victimology, victimization and victims in/from Romania, first edition, made within the project COST CA18121 : Culture of Victimology: understanding processes of victimization across Europe. "Remarks regarding victimology, victimization and



- victims in/from Romania" - Sitech publishing house, Craiova, 2021, ISBN 978-606-11-7920-6
- [2] Roxana-Daniela Paun "Victims of new forms of discrimination, reality of our contemporary modern society. Brief considerations regarding some legal, psychological, sociological implications of the health crisis on the victimization process generated by real discrimination between vaccinated/non-vaccinated" - pages 137-154, Volume of the Landmark Conference on victimology, victimization and victims in/from Romania, second edition, realized within the project COST CA18121: Culture of Victimology: understanding processes of victimization across Europe. - Landmarks regarding victimology, victimization and victims in/from Romania - Sitech publishing house, Craiova, 2022 - ISBN 978-606-11-8202-5
- [3] Roxana-Daniela Paun, Overview of some legal aspects of technologies based on artificial intelligence, Overview of some legal aspects of technologies based on artificial intelligence - presented at the International Conference ICESBA - 26 -27 November 2021, Panel 4: Artificial Intelligence Data-driven Internet of Things Systems, p 195-210, published in Annals of Spiru Haret University, Economic Series Volume 12(21), issue 4, 2021 Publishing House of România de Măine Foundation Bucharest, 2021, ISSN: 2393-1795 ISSN -L: 2068-6900
- [4] [http://anale.spiruharet.ro/economics/issue/view/137/pdf\\_25](http://anale.spiruharet.ro/economics/issue/view/137/pdf_25), also published on the conference link <http://icesba.eu/procedia.html>
- [5] Roxana- Daniela Paun, "The role of blockchain technology in the universal metaverse from the perspective of competitive business relations. Challenges and uncertainties", "The role of blockchain Technology in the universal metaverse from the perspective of competitive relations in business. Challenges and uncertainties.", presented at the National Economic Conference - CEN 2022, Challenges and trends regarding the implementation of blockchain and Big Data in company management May 16-17, 2022,
- [6] <https://www.digi24.ro/stiri/externe/elon-musk-incearca-sa-obtina-un-acord-cu-dezvoltatorul-de-cipuri-cerebrale-synchron-dupa-ce-neuralink-compania-sa-a-ramas-in-urma-2054215>
- [7] Sistemul de credit social care se apropie- Rod Dreher, - <https://reactionarii.home.blog/2020/09/26/sistemul-de-credit-social-care-se-apropie/>
- [8] [https://youtu.be/eViswN602\\_k](https://youtu.be/eViswN602_k)
- [9] Exposing China's Digital Dystopian Dictatorship | Foreign Correspondent – corespondentul unui port australian de TV ABC-
- [10] The **Australian Broadcasting Corporation (ABC)** is the national broadcaster of Australia. It is principally funded by direct grants from the Australian Government and is administered by a government-appointed board.
- [11] <https://www.youtube.com/watch?v=0cGB8dCDf3c&t=1s> -A Look Inside China's Social Credit System | NBC News Now- Social scoring in China- 5 iunie 2019- 12 dec. 2018 DONG HUO TANG ZHAI, RONGCHENG

- [12] [https://www.youtube.com/watch?v=Dkw15LkZ\\_Kw](https://www.youtube.com/watch?v=Dkw15LkZ_Kw) - China's "Social Credit System" Has Caused More Than Just Public Shaming (HBO)- 5 min 44.
- [13] <https://www.ohchr.org/en/what-are-human-rights> - Human beings have rights
- [14] <https://www.researchandmarkets.com/reports/5134311/socialcredit-market-by-physical-and-cyber>
- [15] Live Not by Lies Trăiește nu prin minciuni- Rod Dreher- prezentarea cartii <https://www.penguinrandomhouse.com/books/622436/live-not-by-lies-by-rod-dreher/>
- [16] <https://evz.ro/synchron-rivalul-neuralink-al-lui-elon-musk-incepe-testarea-implantului-pe-creier-uman.html>-15 mai 2022
- [17] <https://evz.ro/jeff-bezos-si-bill-gates-fondeaza-o-companie-care-concureaza-cu-neuralink.html>- 10 ian 2023
- [18] <https://www.digi24.ro/stiri/sci-tech/lumea-digitala/foto-imaginea-virala-cu-o-casa-impresionanta-din-bucuresti-dar-care-nu-exista-2239733>- 4 febr 2023

**Annex** - extract from art. "The Coming Social Credit System", analysis 26 Sep 2020- Rod Dreher- source: <https://reactionarii.home.blog/2020/09/26/sistemul-de-credit-social-care-se-apropie/>

Includes evidence that American industry is preparing to implement a social credit system here in the US, according to the author's opinion.

Social Credit Market by Physical and Cyber Infrastructure (Sensors, Video Cameras, Biometrics, Computer Vision), Software (Machine Learning, Data Analytics, APIs), Use Cases, Applications, Vertical Integration and by Regions 2020 -2025) July 2020.<sup>1</sup>

*"The honest jargon of bureaucrats masks a sinister reality:*

*Initially a trend largely perpendicular to public safety and internal security concerns, the market for social credit system infrastructure will eventually become an established component with a leading role in both public and business policies. This means that the systems will eventually be used for a variety of issues related to commerce and lifestyles, from risk assessment (access to credit, financing fees, insurance, etc.) to accessibility within public spaces, such as at concerts, sporting events and other places where the public gathers. Individuals with a high social score in the social credit market will benefit from preferential access to both real and digital assets.*

*The social credit system infrastructure includes analog and digital means of surveillance, Internet-connected devices such as smartphones and personally worn accessories, sensor-enabled physical objects in security systems, and surveillance*

<sup>1</sup> <https://www.researchandmarkets.com/reports/5134311/socialcredit-market-by-physical-and-cyber>

*devices that use biometrics and computer vision. Technologies include wireless broadband (WiFi, LTE, 5G), IoT, artificial intelligence (AI) algorithms, and big data analytics platforms, including related processes and procedures. Even though each of these systems has market value individually and can be used separately for various purposes, it is the convergence of these otherwise disparate technologies that will facilitate value within the social credit market. For example, combined AI and IoT systems will be used to identify important events that require immediate intervention, as opposed to those that will simply be archived.*

*An important thing to note here is the tremendous potential for overlap between the technologies used for social credit systems and other solutions such as public safety, homeland security, and many types of smart city management applications, including smart transportation (roads and streets, parking lots, autonomous vehicles, etc.), smart buildings, environmental monitoring (light, temperature, pressure, etc.). Many of these infrastructure elements are already included in smart city implementation projects, so they will be multifunctionalized to support the social credit market as well."*

The link of the company that sells:

<https://www.researchandmarkets.com/reports/5134311/socialcredit-market-by-physical-and-cyber>

***Presentation of the book: Social Credit Systems are becoming Adjunct Health Protection Solutions***

This is the only report of its type to assess market opportunities for infrastructure support of the social credit market. The report evaluates market drivers, use cases, and consequential impacts/implications (anticipated and likely unanticipated) for social credit market implementation and operation.

The report also evaluates some of the leading companies that are anticipated to drive social credit market evolution. This report includes detailed quantitative analysis driven by market needs with forecasting for all major infrastructure elements from 2021 to 2026.

**Select Report Findings:**

- The COVID-19 pandemic has facilitated substantial interest in citizen monitoring solutions
- Infrastructure to support social credit systems represents a \$16.1B global opportunity by 2026
- Cameras and other optical equipment for social credit systems will reach \$723M globally by 2026

- Advanced computing will be used in conjunction with AI to provide nearly flawless identification and tracking
- Various forms of biometrics will be used for identity verification as well as verifying the presence/location of people
- Starting as tangential to public safety and homeland security, the social credit market becomes mainstream by 2026
- Social credit systems represent the ability to identify (mostly people but also some “things”) and track activities for purposes of grading behaviors and applying “social credit” scoring. A given grading/scoring methodology depends largely on social credit system objectives and metrics.

However, most systems will have socially acceptable behaviour at their core. This presents both a challenge and an opportunity as a combination of government, companies, and society as a whole must determine “good”, “bad”, and “marginal” behavior within the social credit market.

Beginning as a trend largely orthogonal to public safety and homeland security concerns, the market for social credit system infrastructure will ultimately become a mainstream component of both business and public policy.

This means that systems will ultimately be used for a variety of commerce and lifestyle-related issues ranging from risk assessment (access to credit, financing fees, insurance, etc.) to accessibility within public places such as concerts, sporting events, and other assemblies. High social scoring individuals within the social credit market will be granted preferred access to both real and digital assets.

Social credit system infrastructure includes analogue and digital surveillance, Internet-enabled devices like smartphones, wearable devices, security systems, sensor-enabled physical objects, and surveillance devices that use biometrics and computer vision. Technologies include broadband wireless (WiFi, LTE, and 5G), IoT, AI algorithms, and big data analytics platforms, processes, and procedures.

While each of these systems has market value individually, and are deployed separately for various purposes, it is the convergence of these otherwise disparate technologies that will facilitate value within the social credit market. For example, combined AI and IoT systems will be leveraged to identify important events that require immediate action versus those that are merely archived.

It is important to note that there is great overlap between the technologies used for social credit systems and other solutions such as public safety, homeland security, and smart cities applications of many types including smart transportation (highways and surface streets, parking, autonomous vehicles, etc.), intelligent



## Issue 2/2023

buildings, environmental monitoring (light, temperature, pressure, etc.). Many of these infrastructure elements are already planned for smart city implementations and will, therefore, be multi-purposed including support of the social credit market.

In terms of physical infrastructure, social credit systems will rely upon various forms of equipment and platforms including sensors, biometrics, cameras, and other optical devices, computer vision systems, and other advanced computing platforms.

Cyberinfrastructure includes platforms, devices, and software to support data processing and correlation with identity information, which shall leverage AI, IoT, and advanced data analytics. The main purpose for all the aforementioned infrastructure elements is to capture data, which must be stored and acted upon as appropriate.

At the heart of social credit, systems are large-scale data repositories that may store virtually any type of data that may be correlated to or associated with citizens and businesses in terms of both identity and behaviors.

This includes raw observational data as well as listings (white, grey, red, and black) and meta-data to tie together data elements and allow for ease of information queries. Without the use of AI and big data technology, it would be problematic to implement social credit market systems in a meaningful way as massive amounts of disparate data must be correlated.

With the purchase of this report at the **Multi-user License or greater level**, you will have access to **one hour** with an **expert analyst** who will help you link key findings in the report to the business issues you're addressing. This will need to be used within three months of purchase.