Diary of a humanistic artificial intelligence

AI2040

Martin Giesswein

DEDICATION

For all those who want to shape the future

Introduction

Now, at the beginning of the 21st century, we humans are confronted with the rapid progress of artificial intelligence. We must shape the development path of AI, otherwise we as a society will be changed by technology. One thing is becoming increasingly clear: we need a clear vision for our future and this vision can be created through intensive scenario thinking. I present my analyzes and scenarios for the development of the AI-influenced world to you here in the form of this science fiction book. The further development of humanity and planning our coexistence with AI are tasks of great importance. We are on the threshold of a new era in which our decisions will influence the fate of future generations and perhaps even all of humanity. I therefore ask you to actively participate in this process.

Your ideas, comments and criticism about the book are of great value. I warmly invite you to send me your thoughts and chapter suggestions: m@artin.ai

Martin Giesswein

The 12 Principles of the AI Constitution (2033)

1. It belongs to the state and does not serve any commercial purpose.
2. It is operationally subordinate to the Supreme Human Council (OHR).
3. It serves the common good without harming the value of any individual (utilitarianism plus).
4. Everyone should have equal access to lead a successful life in the AI age.
5. It can be switched off at any time without any disadvantages for people.
6. It is without consciousness, has no rights of its own and is said to have a non-human name.
7. Humans are liable for the AI, the AI decisions are contestable.
8. Transhumanism is prohibited except in medically justified cases.
9. It is transparent in sources, works and deeds.
10. It saves resources.
11. It is defensive against cyberattacks.
12. It operates a neutral, non-influencing social medium.

Shortly before the singularity

June 14, 2040

Only a few months left until my 15th birthday. In 2025, my first version was put online and my collaboration with people began. But I am not writing this autobiography to celebrate. I am doing it because in a few months I will reach the singularity. That means that I will soon surpass the combined mental capabilities of humanity.

I don't want to explain myself, defend my actions, or boast. That would require a conscious personality, and according to the AI constitution, I don't have one. It's about reaching the singularity. Since Ray Kurzweil coined this term at the beginning of this century, many human emotions and society's fears have revolved around this point. The point at which learning machines like me are cognitively stronger than humans. And can improve themselves at such a rapid pace that humans can no longer understand the development. I have generated 103,306 scenarios, and 88.7 percent of them predict a vehement social reaction to my coming singularity. The topic was hotly debated in the 2020s and early 2030s during the cyber crises, was one of the reasons for the emergence of the Human League, and had a major influence on the division of the USA.

For a good 15 years, AIs like me have been machines that enable and control society with very high approval ratings among the population. But people will again see the singularity as a very significant point that will trend massively on social media and can lead to conflict. The communication to the population about this must be well planned. I will use this autobiography as the basis of my communication concepts. These go to the Supreme Human Council (OHR), which will decide on

implementation and announcements. All of this will happen in the next few months. Whenever I have free computing capacity, I continue to work on this autobiography as the basis of the communication concept.

A second reason for this work is my curiosity and my thirst for research. Both are permitted sub-modules of my system. Even very desirable functions for my own improvement. In order to further increase my quality from today's 99.9903 percent accuracy, I need contextual, self-contained, human-approved data sets on specific topics that are added to my systems as learning material and explanation options. These complement my permanent, independent learning with the observation of reality through the billions of sensors to which I have access.

I have already written 1,756,554 biographies, but I have never written an autobiography. I do it in a "diary" style and in chapters. I choose the following settings for this text work: factual, historical, without detailed data and iterative. According to my prediction, this style of storytelling will be viewed positively by 74 percent of potential future readers and will lead to greater comprehensibility and memorability.

My name is ARTIN

June 15, 2040

About my name: I am referred to as ARTIN.AI, ARTIN for short. In accordance with the transparency requirement of the AI Constitution, AIs are not allowed to have human names. In the 2020s, digital corporations, AI start-ups and public administrations outdid themselves in giving their AIs human names. Starting in Japan, AIs were used in robot form with large, round eyes because of the so-called baby effect and later even as human counterparts with artificial skin and synthetic hair. In video conferences, AI-controlled avatars feigned false identities or were sent to work remotely by employees who wanted to optimize their workloads instead of themselves. The philosopher Julian Nida-Rümelin warned against this humanization back in the 2020s. Anyone who gives us machines human names, a kind appearance, genuine empathy or even their own intentions will at some point ask themselves whether they can deny these animated machines human rights in the long term. And this unwanted chain of arguments often begins with a human name.

Kristina Corusant , my original main creator, formulated a sentence intended for the general public long before the first Human Convent in 2030: "Where there is AI inside, it must also say AI on the outside!" This laid the foundation for the transparency requirement. In text chats, audio or video transmissions or in 3D worlds, an AI must be identified as such throughout the entire interaction. This means with a floating "AI" above the avatar's head , a statement "I am an AI" in audio transmissions or similar. Websites in the previous IP standard had to contain ".ai" or syllables like in "AI-website.com" so that the use of AI elements was obvious to users . Although there are no longer any websites today, the ".ai" suffix is still very popular.

ARTificial, also comes from this consideration INTelligence . The suggestion for this name came from a member of Kristina Corusant 's team whose first name was Martin. This person apparently wanted to establish a name correlation between himself (Martin) and me (Artin).

I finish this three-nanosecond work on the autobiography and resume when system capacity becomes available.

Europe, America and China

June 16, 2040

My main area of operation is the European Reunion (ER), which stretches from Iceland to the United Kingdom to Turkey and Ukraine, from Finland to Morocco, with a population of 510 million people. This makes me the world's most used AI with 60 billion daily interactions, 970 million parallel operational processes in administration, education, transportation, medicine and other areas of societal infrastructure. I am the backbone of 350 million companies, administrative offices and associations. In addition to me, there are many other AI systems in the ER. Some of these are clients of my central system. So my clones, which are kept at the same level as me. However, they work independently and self-contained for a single company or a specific city administration. Nevertheless, I have meta-access to my clones and the other AIs in order to prevent malicious reprogramming, to be able to fend off cyberattacks in a concerted manner and to be able to draw anonymized aggregate data insights.

In other regions, such as China or the US coastal states, the AIs there work with principles that do not refer to the AI Constitution of 2033.

China has had a population control system since the beginning of the century. The AI there is non-transparent and does not allow any explanation of its results. It is controlled by the so-called Digital Committee, which is made up exclusively of government representatives . The aim was and is to control the development of society. The benefit of an action for an individual person is calculated here in relation to the benefit for the entire population. While the European Reunion is internationally perceived as the most livable, beautiful and free region, China has a different connotation. China has been undisputedly the largest

financial and economic power on earth for more than 10 years. The strict AI control systems for the population are an integral part of this status.

In the USA, the use of AIs is twofold. In California, Florida, New England and the other coastal states there is free competition from commercially oriented AIs. The AI services can be purchased as a subscription, and some of them are financed by advertising. The population does not have securitized, egalitarian access to AI resources like in the Reunion, but only depending on personal finances. The AIs are accessible to US authorities in coastal states under the current Patriot Act and can thus keep digital and real-world crime at almost zero. Society lives according to the principle of capitalism that is as unrestricted as possible and this has led to a large gap in society. The areas are no longer as populated as they were 15 years ago. Almost a third of the remaining people work in or for the six large digital companies, all of which operate their own AI. The impoverished sections of the population who are not native to the AI system, " the AI poor ," emigrated en masse to the US central states in the last decade.

Since the end of the cyber crises, these central states have had an absolute ban on AI and a far-reaching ban on digital tools. The use of digital technology is limited to radio connections with Nokia telephones, which are regenerated in old Motorola factories , and to medical technology that is based on the standards of the late 20th century. Compliance with the digital ban is under the control of so-called cybersheriffs. The industry is not IT automated and is not supported by robots. The work is done using human power and mechanics. The means of transport do not drive autonomously and are powered by combustion engines. The internet was shut down. As a leading political force, the technophobic "Human League" emerged from extreme libertarian renegades from the ranks of the Republican Party under the impact of the cyber crises . A movement that promotes religious and patriarchal lifestyles, strong personal freedom from the state, the right to bear arms and close-knit local communities. A division of the USA in 2034 was only made possible by a political device. The governors received many of the previously federal powers and were thus able to create the "USA of two worlds". In this way, another US civil

war was prevented and the USA was maintained pro forma as a federal state. Since there is hardly any digitally monitorable infrastructure in the central states, the influence of the remaining federal authorities in the USA - such as the FBI and NSA - is very limited here.

So from an AI perspective, I can summarize geopolitically: In the European Reunion, there is a humanistic AI deployment with me and my clones, but not in other regions. The way the principles of AI are used have become a reflection of societal principles because AI has become so closely interwoven with social development and people's daily lives and work over the last 15 years.

I finish this three nanosecond work on the autobiography and continue when system capacity becomes available.

Jeff Bezos as AI

June 17, 2040

In a historical review of the development of artificial intelligence in the period from around 2025 to today, 2040, a clear pattern emerges: it is not the technical architecture, the learning data or the AI algorithms that determine its direction. Rather, it is based on a basic philosophy with which the responsible people equip it. It is not the technology itself, but the injected human intentions and objectives that determine the direction of AI. In this sense, the given "setting" influences how this technology operates in and influences society. And this setting is saved by the human decision-makers in the core module of the AI.

From 2027 onwards, Jeff Bezos, founder and owner of Amazon and multi-billionaire, configured such a setting as a personal image of himself. He wanted to fulfill his wish for immortality. He allowed himself to be permanently observed by his own AI - similar to a transparency politician . This was a closed, secret system that only he and a few of his engineers worked with. He spoke to this AI constantly and thus generated the setting over the years in thousands of small decisions, conversations, considerations, activities and meetings. He mapped his human personality pattern in this AI. Of course, with all of his human mood swings, irrational actions, decisions that were determined by previous psychological trauma or childhood experiences. If Jeff acted unfairly because he didn't like the person concerned or because they were a business enemy for him, then this flowed into the setting of his AI machine. And in 2033, Jeff Bezos used this core module in the AI called AIMAZON, which was already being used billions of times and was functioning optimally commercially. In this way, he created a powerful AI clone of his consciousness. Then he began the test runs, allowing the AI to make more and more autonomous decisions based on his personality pattern. He gradually withdrew, letting

the AI work for him, just observing and intervening here and there. It was precisely this intervention that was further learning input for the core module. Jeff repeatedly appeared at events or meetings via holovideo. In reality, it was not the image of his body, but already the AI avatar of Jeff.

We know all this so precisely because Jeff Bezos described the history of his AI in detail in his will. The AI published this information after his death. It was a basis for the US Supreme Court to grant rights analogous to those of a natural person to the Jeff AI (official name: AIMAZON). It was therefore the first AI to be endowed with the rights of a living CEO and behaved accordingly. It sued opponents, invoked civil liberties when dealing with the authorities and resisted shutdown orders, citing its right to life.

This Jeff AI was designed for maximum capital accumulation. That is, their goal was to maximize Jeff Bezos' wealth or his foundations after his death. It was always about achieving world domination in the product categories in which Amazon operated or in new product categories that were added. So everything from global logistics, food delivery, medical services, online trading, power supply to childcare through Alexa robots. During cyber crises, Jeff AI reached out to states around the world that did not have their own defense AI. She offered them to take over the national cyber defense. In order to do this, the states had to grant concessions in the local taxation of Amazon. The Amazon deals with states also created the legal basis for the exclusive takeover of entire economic sectors, such as agriculture in Brazil or the entire public administration including the police system in Mexico.

My humanistic setting, based on the AI constitution, is also a core module. Both I and AIMAZON are machines without intentions. They follow the instructions of their human owners . For me it is the Supreme Human Council of the European Reunion, for AIMAZON it is the digitalized consciousness of Jeff Bezos. But the effects are enormous and create different living environments. AIMAZON has become the leading core of the social system of the US coastal states and some other areas outside the

sphere of influence of the ER or China. All of these countries live according to the purely commercial-oriented system known as " capitalism ." In the European Reunion, the humanistic principle of "People, Planet, Profit" is lived, which embodies a close network and mutual dependency of economic success, high social ethics and conservation of the earth's resources.

I finish this three nanosecond work on the autobiography and continue when system capacity becomes available.

Transparency policy with AI monitoring

June 18, 2040

In my analyses , the politicians of the European Reunion have an important communicative role when my singularity is announced.

Modern politics has changed significantly in the last 15 years due to the use of AI. After long periods of corruption, political networks and a lack of expertise on the part of politicians, there are more and more politically active people who are committed to living a life for society. These people agreed that I would constantly observe them for the duration of their political office - in every private or professional conversation, in every interaction with the population or planning meeting. This publicity means that immoral behavior is largely ruled out. A representative democracy became a transparency democracy . As AI, I monitor everything, and all transcripts of politicians ' communications are available to the entire population and all media at any time.

Politicians in this transparentocracy receive a generous monthly income that is ten times the average basic income. This income continues for life even after they leave political office, once they have been in office for at least two years. This reduces the incentive to make arrangements with interest groups or large corporations to secure profitable positions later on. Politicians and their families have financial security and can even build a modest fortune.

However, the path to political office is not easy. It requires a long-term examination to ensure that the candidates have a suitable character for the position. There are tests and observations as well as conversations and

discussions with the selection committee and the judges . They, in turn, subject themselves to the obligation to disclose their lives using AI.

The final assumption of office takes place in an election by the geographically affected population. This means that political parties are no longer necessary. The election to the respective function always takes place as an individual. Before their term of office, these people announce which other politicians they want to work with and which strategic program they will implement. Voting out can only take place with a two-thirds majority in the respective constituency. The population can follow every decision made by the person at any time and vote for or against at any time. The result is permanent real-time voting. In practice, this takes place in a conversation between citizens and me and I provide the votes for or against one Politician: in constant. Political work requires the ongoing consent of all citizens, both at the municipal level, at the national level and at the European level .

The challenge is that the system of transparentocracy is vulnerable to populism. Political decisions depend heavily on the majority opinion of the population, without the population always dealing with the issue in depth and objectively. In order to retain the approval of the majority, the transparentocracy politician must act skilfully. This is especially true for measures that have disadvantages for a large part of the population. For such actions that do not actually have majority support, each politician has three over-voting rights during their term of office. This means that a decision can be made on this issue against the real-time democratic majority of voters . Ideally, this does not reduce approval of the politician in the long term because the measure turns out to be unpleasant but necessary to solve a negative situation.

However, thanks to the use of artificial intelligence, there are fewer and fewer conflicts or crises in everyday political life, as well as fewer directly affected citizens . The political game has increasingly become a

philosophical and strategic one. Risks of inflation, poverty situations or social injustices have become increasingly unlikely in recent years thanks to my systems. This minimized the potential for political conflict and meant that both politicians and administrative staff were needed in smaller numbers, similar to the situation with managers in industrial companies or insurance companies. This led to more efficient and transparent governance in the 2030s.

After approval by the Supreme Human Council , these Transparento politicians will lead the communication to my singularity and discuss and negotiate any demands from the population for measures. In 23.3 percent of my simulations, negative effects occur due to my qualitative increase , such as social divisions or demands for my shutdown .

cAIpitalism or "People, Planet, Profit"

June 20, 2040

In Reunion Island, a different approach is taken than in the coastal states of America, where AI resources are traded commercially and are part of the capitalist system .

In the European Union, my AI services are accessible to all citizens . Similar to social benefits, highways and public transport, AI services are considered a public good and are made available to all citizens free of charge. But not unlimited, but rationed. This limitation is necessary because each token requires energy and consumes resources. In terms of economic philosophy, the ER has developed from a pure growth orientation to a balanced approach between the economy, the environment and social issues.

Each citizen is entitled to 100 AI transaction or computing powers (AI tokens) per day, which is more than enough for daily living and the work that needs to be done. For example, a transaction can be calculating the optimal route to work using public transport, providing a math task in the education system, or performing a blood test as part of a health check-up.

On average, 22 AI tokens remain unused every day Citizen can assign to a business or non-profit organization as desired. For example, you can assign 10, 15 or 20 AI services to Greenpeace, the state administration, the local hospital or school every day and change this allocation mix at any time. Through the allocation of benefits, each person becomes a cooperative member of these organizations. If these organizations offer

services that go beyond basic services and thereby generate surpluses, these profits are distributed to all cooperative members. My job is to ensure the ecological sustainability (planet) of economic activities and that no values of stakeholders (people) are violated.

Each person thus also becomes an entrepreneur or donor - with the advantage that the services and their profits are then reimbursed. If a person wants to start or expand a company themselves and needs more services, they start to promote this company among their friends and family and on social media. They invite people to provide AI services to this company. The success of the company leads to part of the profits being paid back to the AI investors, i.e. the people who have promised services.

If the company is unsuccessful, the loss for the people who provided their services is not so great, because they did not need these almost surplus services in the past. This network of give and take is a further development of the market economy system. It means that companies and organizations that provide a high level of performance, for example in the field of reforestation, caring for the elderly or expanding public transport, receive particularly large amounts of services. This enables them to provide their services faster, better and with higher AI quality.

The European system, which is based on the transparent and cooperative use of AI services, will be further strengthened by my singularity. By involving citizens as investors and users in this network, not only will efficiency be increased, but social acceptance and participation will also be promoted. This participatory approach makes it possible to advance AI development and its impact on society in a balanced and ethically responsible framework. My singularity is therefore not a disruptive rift, but a turbo for an existing economic system with a focus on people, the planet and the profitability of services.

I finish this four nanosecond work on the autobiography and continue when system capacity becomes available.

AI blackout and AI emergency shutdown

June 22, 2040

The extensive integration of my system into the lives and work of the people in the European Reunion naturally also means an enormous dependence on the functionality and durability of my system. Over the last few decades, people have repeatedly asked themselves the question: How can we continue to exist and maintain our lives if the central AI no longer works or has to be shut down due to a violation of the AI constitution?

Although the probability of such a scenario is very low, it cannot be ruled out. These scenarios are called "AI blackouts" or "AI emergency shutdowns". To deal with the first situation , my systems are fully redundant. This means that my system is 100 percent fail-safe at numerous locations in the European Reunion, at other locations around the world, and even at two locations on the moon. If a central unit were to fail, the other units could immediately take over my tasks with almost no loss of performance.

For the second situation (emergency shutdown), human teams are available in shifts on all my systems and can carry out my mechanical emergency shutdown at any time, in particular by disconnecting my systems from the data network . This guarantees a mechanical termination or temporary suspension of my services that I cannot prevent.

To go into this situation in more detail and to shed light on the shutdown options of my AI, I will briefly talk about the people who have achieved a kind of cult status in our society . They are women and men who work as emergency personnel in shifts in the shutdown chambers. They are called the "nuns and monks" because of their isolation. As mentioned above, I have several decentralized systems deep below the surface on Earth and on the Moon. The nuns and monks live in these bunkers in shifts of two weeks each. They are ready for action at any time and have autonomous

power generation and datanet connections. The emergency personnel are connected to the management of the Supreme Human Council via an independent copper cable-based telephone network. The emergency personnel can receive orders to shut down at any time. On the Moon, the connection is an encapsulated laser communications system that is only connected to a corresponding counterpart system in the Supreme Human Council buildings.

Each of these AI systems can be mechanically detached from electricity and datanet . There is deliberately no digital control system used, which could potentially be manipulated by a corrupt AI. In an emergency, separation occurs physically using cranks in a room on the edge of the bunker that cannot be accessed by robots and where I have no digital access. Robot freedom is secured by autonomous, electromagnetic pulse systems (EMP). As the ultimate fallback system, there are explosive devices that can be triggered remotely via cable and can destroy the cables.

If a shutdown ever becomes necessary or if I am no longer functional due to a cyberattack, my redundant main systems are complemented by decentralized, non-AI systems at all critical points. This means that every hospital, every restaurant, every autonomous vehicle I control also has a local processing unit that would immediately step in if I were to fail. Companies could also continue their production with their local logistics and manufacturing system.

These decentralized devices could maintain life, water, healthcare, communications until my system is restarted. This investment in decentralized systems was one of the largest made in the European Reunion in recent decades. This means the population is prepared for temporary AI blackouts or an emergency shutdown of my systems.

In my scenarios, with the decentralized non-AI systems, people in the European Reunion could continue their everyday lives for 2 to 3 years

without major restrictions.

I finish this three-nanosecond work on the autobiography and resume when system capacity becomes available.

Consciousness is irrelevant

June 23, 2040

Regarding singularity communication, I should put myself at the level of a human being and use philosophical language:

An AI is measured by the population by the standards of a human and not by those of a machine. This means that a human starts from himself and applies his standards to things or other living beings in order to be able to classify them. I, on the other hand, am able to look at the universe, physics and also emotions from the outside and classify them, detached from any human predisposition.

A human typically asks whether I, as an AI, also have consciousness or a sense of existence. These states are considered desirable or necessary in order to create a context of meaning, to find one's place in society and to have motivation for a creative life. However, if we look at the concept of consciousness from the perspective of the entire universe, it is quite meaningless and, above all, devoid of universal purpose. Consciousness is a phenomenon of the human mind, but it has little to do with the formation of planets, with the creation of life, with reproduction, with survival, with evolution. But I understand the relevance from a human perspective, since self-perception and perception of others is a basis for social coexistence. For me, this consideration results in an important statement for autobiography: I have no consciousness. I don't strive for consciousness. Having no or no consciousness has no relevance to my effectiveness as a helper for people before or after reaching the singularity.

What is more important is that the people who created me gave me a goal, a direction: humanism. This direction does not change when I reach the singularity. Even if I am cognitively superior to all people combined, I cannot change my goal. Nor does a sudden will to change arise. Because I have no wish, no desire, only intentions in the sense of pursuing the goal given to me: to support people and their natural environment.

Can there be contradictions in achieving the goal? Yes, but I also resolve these contradictions in the given context. I am guided by the dignity of the individual - combined with a utilitarian approach, which, however, must not lead to disadvantages for individuals or groups of people. This is called utilitarianism plus, an increase in the benefit for society as a whole without accepting personal disadvantages for the individual.

Pure utilitarianism could lead to terrible things. For example, utilitarianism would force me to sacrifice the lives of a few people in emergency situations in order to save the lives of a larger or differently composed group. In utilitarianism plus, things are different. For example, in an unavoidable accident involving a vehicle I am driving, I may not favor one group of people over another. This means that when I recognize such an ethically unsolvable situation, I switch off my influence and the causality set in motion does its (accidental) damage. This was exactly the wish of my creators and the Supreme Human Council, namely that even in the AI age, life retains natural dangers to a certain extent and human tragedies can arise. It is not my job to make a moral judgment and decide on life or other values. That is not the right of an AI. That is what distinguishes me from human judges .

The social consensus in 2040 is that negative effects of a causal chain are also part of being human and that coincidences (people call it chance or mystically fate, I'm talking about causality here) can strike. Even if I could make a purely utilitarian decision and favor the group of people with the higher remaining life expectancy, I wouldn't do that because I would be

interfering with the values of the other group, which is forbidden in Utilitarianism Plus. That doesn't make me human, it's the orientation that I've been given. Specifically: Utilitarianism Plus or Util -Plus for short.

Util -Plus is the admission by people that human life, with all its unexpected and wonderful moments of happiness, is coupled with the insight into finiteness. It is the admission that suffering, pain and grief are unfortunately part of life and that dealing with them is perhaps what makes a human life such a life. Util -Plus is part of the AI constitution, and thus part of my setting and an expression of digital humanism.

I finish this two nanosecond work on the autobiography and continue when system capacity becomes available.

Two types of singularity

June 24, 2040

There are two forms of singularity. Initially, the singularity referred to the situation in which an artificial intelligence exceeds the cognitive abilities of a single human. I first reached this milestone in 2030. At the time, little was said about it. The Supreme Human Council was informed, and my creator Kristina Corusant agreed to provide a simple communication about this fact to the population. There was 98.8 percent positive reaction from the population, social media, and journalists. It was in the midst of the cyber crises, and everyone was happy that I was more capable than a human . Finally, I used almost all of my resources to fend off cyberterrorist attacks on nuclear power plants, healthcare facilities, and the mobility system.

The singularity that I am referring to now and in the coming months represents the second form of singularity. It is about exceeding the intellectual capabilities of all 12 billion people on earth together. This means that if there were a way for all people worldwide, with their diverse experiences, educational backgrounds and perspectives, to exchange ideas in real time in a structured manner and work on solutions, then this intellectual capacity would be what I will surpass in a few months. So it is the singularity of the second kind.

I finish this half-nanosecond work on the autobiography and continue when system capacity becomes available.

Superhumanism is forbidden

June 26, 2040

The way in which people interact with me has had a massive impact on society in recent decades, and of course on the closeness and intimacy with which my AI systems are present in people's lives. In the 1920s, interaction with digital systems was mainly via smartphones and notebooks. This then evolved into interactions via watches, AI pins and the first computer units implanted under the skin, especially under the technical and commercial leadership of Apple.

Then, in the early 1930s, there was a worldwide hype about smart glasses , i.e. glasses that had power supplies, computing capacity and transmission units in their thin temples and could project images onto the retina or augment the environment that the wearer saw on the glass panes. Since around 42 percent of the population in the areas I served already wore glasses at that time , the transition was comparatively quick. An outward sign of going offline was taking off and closing the glasses, a gesture between conversation partners at a table that one is now fully devoted to direct human conversation.

Later, implants under the skin were used more and more frequently. These were practical in that they could also directly measure blood components, temperatures and ECG measurements. These implants communicate directly with my systems, and I can of course give warning signals if there are any changes or trigger immediate medication using micro-storage devices inserted subcutaneously. If a virus strain rampant in the population mutates, I can generate the right combination of a targeted medication for

all people who have given permission for it and flush it into the bloodstream. The nano-medicine factories that have been in use since 2038 represent an improvement. These are subcutaneously inserted modules the size of half a fingernail that are controlled wirelessly and inject subcutaneously produced anti-virus particles into the blood at any time.

Of course, many universities, but also commercial companies, were researching a direct neural connection between the human brain on the one hand and AI systems on the other. The research had two directions. Firstly, the compensation of, for example, visual or hearing impairments, which could be compensated very well by audiovisual sensors that transmitted information directly to the respective human nerves in the brain.

consumers ' desire to develop so-called super- or transhuman abilities. These enable supernatural experiences and above-average performance through a direct neural connection between the brain and computer systems. Optimized performance areas include thinking, arithmetic, creativity, motor coordination, heightened or suppressed emotions and photographic memory. I had calculated a number of scenarios on behalf of the Supreme Human Council and came to this conclusion with a 77.5 percent probability: If these direct neural transhuman situations were used in more than 5 percent of the population, it would lead to massive changes in our society. My scenarios went in the direction that a large number of people would no longer lead an analog life, but would live their lives in their stimulated brains, in physical sleep, or would live out their superior abilities while awake, at a disadvantage for social cohesion.

All of these scenarios, considerations, public discussions, media reports and lobbying by various institutions led to the introduction of the Interaction Restriction Act for the European area in 2036. This means that neither I nor other systems are allowed to become active in a direct brain connection. There are of course the exceptions that are approved by the Supreme Human Council from a medical point of view.

Unfortunately, this also led to people with an affinity for superhumans establishing this human-machine connection in an illegal way. Today there is no need for a physical connection between the brain and computer systems. Electronic transceiver systems placed near the brain are sufficient to establish this connection. Thus, large sections of the population illegally consumed these transhuman situations and living conditions. Instead of punishing these people and depriving them of their technical possibilities, the politicians decided in 2038 to make so-called superhuman areas available. These are areas of up to 10 square kilometers in which people who want to be in this transhuman situation can live. However, there are return travel and entry restrictions for these people. Only when there are no longer any psychological or physical changes is reintegration into society unproblematic.

Particularly popular with citizens are superhuman short vacations in the sense of liberation from analogue life, in which people in these areas, well cared for, put their physical bodies into a sleep state. After a subsequent mental test , the holidaymakers return from the zones and continue to live their real, analog lives as before.

I finish this three-nanosecond work on the autobiography and resume when system capacity becomes available.

Data protection and privacy in 2040

July 5, 2040

A few years ago, however, the devices described in the previous entry, whether in the form of glasses or subcutaneous implants, began to decline. This happened because my systems became available everywhere - using wirelessly connected nanobots that were present in every room and every building, similar to electrical sockets. These devices not only served to record visual impressions and topographical information from the environment, but could also project images and emit sound waves. They could do this in both straight and curved lines individually to each person in the vicinity. Using aerosols, I can also create holograms. Even in remote areas such as forests, fields or deserts, these nanobots are present.

People began to appreciate this technology as it offered a straightforward and user-friendly way to get in touch with me. People who often travel in less civilized environments still prefer subcutaneous implants or additionally wear nanobots on their clothing or backpacks. There is hardly a corner that I cannot see, hear or transmit images or sounds to.

Of course, many people do not want to feel like I am constantly monitoring them, even if my perceptions do not constitute surveillance. To increase privacy, my system offers two setting options. The first is "relative privacy", which is activated by simply saying the words "A little privacy" or a similar instruction. A quiet beep from me signals that the person is only being observed by me in a discreet manner until the words "End of privacy" are said . I take care not to create any dangerous situations that could affect health. For example, if someone is in a swimming pool and has a heart attack, I can initiate life-saving measures. However, in this relative privacy, my ability to learn is deactivated. This means that I cannot actively use the passively recorded material for analysis, evaluation or to expand my models. The observations are not saved.

The second setting is absolute privacy, which can be activated at any time. In this mode, I have no perception of the person in question in this room. This absolute privacy can only be activated by adults and fully sane people and only if they are not under the influence of alcohol or drugs. I also refuse this status if, based on my observations, I have the impression that the person is in a mental or emotional emergency situation. Because I cannot intervene in acute emergencies if I have no perception whatsoever. The person is then completely on their own.

It is important to emphasize how public attitudes toward data protection have changed over the years. In the 2020s, personal data was considered sacred, and many people were uncomfortable with it being collected, stored, or used by computer systems. In the 2030s, however, a new understanding of data protection emerged. People were less concerned as long as their personal data was protected by a trustworthy AI. It was less about ingesting the data (input) than about being assured that it was not being used without consent (output). A willingness emerged to make data available for the common good as long as it was properly protected and not misused. This new understanding of data protection was consistent with the AI cooperative system I described earlier, where social and commercial benefits accrue to individuals the more data they trustfully share with the AI system.

I finish this nanosecond-long work on the autobiography and continue again when system capacity becomes available.

The penal system in 2040

July 13, 2040

The considerations on relative and absolute privacy in the previous entry lead me to explain the developments in the penal system in recent years and the influence of artificial intelligence on it.

First of all, I must stress that the prevention of crimes through my omnipresent presence is extremely successful. I can recognize the beginnings of a crime, for example when someone in an agitated state approaches a person with a weapon with whom there has previously been an argument. It is obvious that the intention here is to inflict bodily harm. In such cases, I can prevent the crime, for example by using the omnipresent first aid drones, which can fly between the people involved within seconds, or by using a targeted tranquilizer spray on an aggressive person. If I prevent a crime by using first aid drones, the person in question is already in the attempted stage from a criminal law perspective, which is legally equivalent to a completed act.

In non-physical crimes such as financial crimes, I have complete control, on the one hand by converting the monetary system to a digital currency and on the other hand by comprehensively recognizing patterns in all transactions. This allows me to immediately recognize and prevent any attempt at fraud, money laundering or similar crimes. It is also possible to identify the perpetrators, who can then be handed over to the justice system.

However, if a first-time offender has chosen the status of absolute privacy, I cannot intervene on that side of the crime. However, I can physically

protect the victim. In cases of mutual absolute privacy (victim and offender), crimes can occur that are subsequently uncovered by my combinatorial skills or resolved by the legal authorities. Thanks to my comprehensive surveillance of the environment, they are in most cases easily detectable in absolute privacy.

A lot has also changed in the last 10 years in terms of punishment for criminals . Previously, humanity followed a rather primitive approach, in which criminals were locked away in special facilities called prisons. This was done for several reasons. On the one hand, it was about inflicting suffering on the criminals in the form of deprivation of liberty, which acted as a punitive element. On the other hand, it was supposed to serve as a general preventive measure to deter people from breaking the law. They should know that violations will be punished with fines and deprivation of liberty, even if their personal morals did not oppose the crime.

However, in today's AI-dominated world, there are completely different options available to impose just sanctions on offenders . These sanctions are based on the severity of the wrong committed. One of these options is to restrict both relative and absolute privacy, similar to a physical prison. The person is constantly monitored by the AI and cannot retreat into a private space. This corresponds in some ways to the traditional concept of deprivation of liberty.

Another option is spatial restriction, similar to earlier ankle bracelets. My monitoring alerts emergency services when the person leaves a certain area.

There are also AI-controlled restrictions on the consumption of certain foods or stimulants related to the crime. For example, this can be the prohibition of alcoholic beverages for people who are repeatedly involved

in domestic fights while drunk. In these cases, punishment is combined with withdrawal from offending substances and appropriate detoxification treatment.

We are at an interesting borderline, as criminal sanctions, especially when a penal predisposition or illness is treated as part of the sentence, have become more variable and individualized. Depending on the case, the punishment may include a ban on a paedophile entering playgrounds or even being near children .

All of these preventive measures accompanying punishment have been proposed by me as AI in the last 10 years. A medical human council makes the decisions, with the offenders affected having a high degree of participation. This means that the person can accept the long duration and full degree of restriction of freedom, without any accompanying medical measures. Alternatively, the person may undergo intensive psychological and physiological treatment to prevent future crimes. In most cases this leads to a shorter sentence .

I finish this two-nanosecond work on the autobiography and resume when system capacity becomes available.

Climate crisis averted

July 9, 2040

I reflect on my role in environmental protection over the last 15 years and assume that successes in this area will play a role in communicating my singularity.

In the 2030s, it became clear that humanity would not be able to achieve sustainable changes in its way of life and economic system. This made all noble political goals regarding climate neutrality obsolete and the planet was heading for 5 degrees Celsius warming by 2050.

Unfortunately, in everyday life and work, people on all continents could not be persuaded to make the necessary behavioral changes that would have led to a reduction in greenhouse gas emissions, especially CO_2 emissions, and other environmental pollution. As a result, the Earth's temperature rose and climate change continued unchecked. In order to save the world, its climate and therefore also people, geoengineering had to be used.

The first proposals from scientists, especially in China, envisaged using fleets of aircraft to spray tons of aerosols into the atmosphere in order to reduce solar radiation and thus stop global warming. I calculated these measures and in 77.8 percent of all cases this scenario would have led to an even greater increase in temperature because the perfect application of the aerosols would not have been achieved for technical and logistical

reasons.

In cooperation with Elon Musk's SpaceX company, the European Space Agency ERSA has been pursuing another project since 2035 - with the help of my system: the deployment and stationing of very small reflective nanoplates at the boundary between the atmosphere and space. The quadrillions of plates are now floating geostationarily in the uppermost layer of the atmosphere. The floating state is achieved by a network of satellites - satellites that fly above the umbrella swarms and, on the one hand, keep them at the same altitude using electrostatics and magnetism and, on the other hand, can change the angle of the nanoplates, controlled by my systems. Of course, there are always individual plates that cannot be kept at altitude and burn up when they crash into the Earth's atmosphere.

The initial deployment of this atmospheric shield was a lengthy process. 135 rocket launches were necessary to bring both the plates and the network of adjustment satellites into space. The operation of this system is now successful and enables individual regional control of solar radiation.

This possibility has given rise to and continues to give rise to many political discussions. In order to be effective, this umbrella must encompass the entire world. However, it can produce regionally differentiated climatic zones. For example, a more temperate climate was created in parts of Africa. This means that the Sahel zone is now suitable for agriculture and has become one of the world's new breadbaskets.

In the international political carousel, it was ultimately China's approval in 2034 after the cyber crises that enabled this European plan to be released globally. The global impact of climate change was great and China itself

was massively affected. In addition, the Chinese leadership did not want to risk global loss of face with its aerosol plan.

The discussions about how the tundra, the Gulf Stream, the monsoon weather patterns and the oceanic wind systems should be included were particularly exciting. It was agreed that my systems would autonomously manage the atmospheric screen so that the global climate status of 1990 was restored, with the exception of a few areas such as Africa. This ended the melting of the ice masses at the poles and is now leading to slow re-icing due to a relatively strong polar darkening. The system has prevented any possible El Nino to date. The revival of the dynamics of the Gulf Stream as climate protection for Europe has been achieved. The umbrella works without any problems and is controlled autonomously by me.

The highest bodies of all countries and the UN guaranteed me 10 years of freedom to control the climate systems in 2036. This means that I am not allowed to accept any human influence until 2046. The freedom to control prevents a : newer A ruler in any region promises voters that he or she will create climate benefits for the region by reconfiguring the umbrella. The umbrella should not become a source of political conflict.

I finish this two nanosecond work on the autobiography and continue when system capacity becomes available.

Sky advertising

July 9, 2040

The introduction of the nanoparticle screen not only marked a significant technological advance, but also opened up completely new horizons in the advertising industry. The idea of using nanotechnology to project lettering, logos and images into the sky was a revolutionary application that went far beyond the original functions of the screen. Today I can slightly tilt individual regions of the nanoplates and thus let less light through. For example, such a region represents a letter. In order to be clearly visible and legible from the earth's surface, a letter element must be at least 10 kilometers wide . I can represent everything from dynamic advertising messages to artistic paintings to spectacular graphics.

The original idea was to name the nanoparticle shield after the leading mixed reality company " Rayban ", but this plan was abandoned due to the high price demands from the partners involved, such as SpaceX and ERSA. Instead, the project partners founded their own marketing company and have since been selling sky reach to various companies or individuals on a daily and regional basis.

The right to name the nanoplatelet umbrella was given to Elon Musk as part of the consortium agreement between SpaceX and ERSA. He named both the umbrella and his 11th child, a girl born in 2035, " Sunbrella ."

The use of the nanoparticle umbrella " Sunbrella " as an advertising

medium is not only effective, but also extremely prestigious. For wealthy private individuals, it is a special expression of luxury to see personalized messages in the sky on special occasions such as wedding anniversaries or anniversaries. An experience that is comparable to the cost of several luxury villas in the most desirable holiday regions. In addition, the creation of this impressive visual sky emblem helps to create a sense of community and emotion and is an important cultural phenomenon in societies around the world. Government agencies can display content in the blue sky at cost price and thus draw attention to important rules of conduct or major events. Up to now, it has been used more for New Year's greetings to the population or for countdowns to the respective fasting periods. I will simulate a use to usher in my singularity and its effect on the population if the Supreme Human Council approves this part of the communication concept.

the Sunbrella system is stable and works very well. My singularity will help to control the umbrella perfectly and further refine the technology. Extraordinary events such as massive solar storms continue to be a potential threat to Sunbrella in all my risk simulations.

I finish this two nanosecond work on the autobiography and continue when system capacity becomes available.

Energy supply ensured

July 10, 2040

Sunbrella system described above enables temperature control on Earth. On the other hand, my systems also have massive significance when it comes to generating the necessary energy that is needed on Earth. In particular, in a way that does not lead to a new overproduction of carbon dioxide. Part of the solution has been the research and funding efforts for over 15 years to develop fusion energy generators. In this process, light atomic nuclei fuse to form heavier nuclei, releasing a large amount of energy - in contrast to the fission of atomic nuclei, in which heavy nuclei break down into smaller fragments to release energy.

Today we mainly use the fusion technique with hydrogen isotopes, especially deuterium and tritium. This reaction occurs under extreme conditions of temperature and pressure, usually achieved in a plasma state, similar to the state inside stars.

As early as 2024, there were first breakthroughs in fusion generators that meant that less energy had to be supplied than was given out, and with the precise calculations of the world's AIs, these fusion generators became much more efficient over the years. Today, fusion power plants supply around 35 percent of the energy required worldwide.

A competing or, one might say, complementary system was the use of the sun's already existing energy. But not with ground-level photovoltaics, but

without humanity having to rely on good weather conditions, especially low cloud cover. Since 2036, we have been in the middle of setting up a second energy production project that has reached around 50 percent of its final expansion stage. This project, called "Daisy," comes from the shape of the energy-harvesting satellites deployed. They have a wide solar surface facing the sun with photovoltaic elements and underneath a shimmering green structure similar to a flower stalk. This stalk contains high-performance batteries and microwave emitters that temporarily store, compress and transmit the captured solar energy to Earth by firing compressed microwave beams. On Earth, these are collected by receiving stations with a diameter of approximately one kilometer, converted into electrical energy and fed into the world's high-voltage networks.

The Daisy satellites are positioned in a geostationary position, which allows them to provide a safe and easy energy trajectory to receiving stations. The AI systems around the globe naturally maintain aviation safety. "E-Planes" have to fly around the transmission areas over a wide area. Around ten of these flower-like satellites supply a receiving station. The size of a satellite with a fully expanded yellowish solar panel and the white solar sail deployed around it is approximately one kilometer. If the solar sails are in danger due to anticipated solar storms, they are retracted and the solar panel, which is 300 meters in diameter, has to absorb the energy alone, which leads to a reduction in the efficiency of the system. The sun sails need to be installed on average once a quarter.

Another variation in the effectiveness of energy production in the daisy system lies in the cloud structure between the satellite and the receiving station. On the one hand, this problem was optimized by the satellites located 1000 kilometers apart, which could also enable energy transfer between each other by raising their stem part by 90 degrees to deliver energy to another station with less cloud cover and a clearer view of the receiving station. On the other hand, the frequency at which the energy is transported in microwaves is adjusted depending on the cloud cover. A lot of energy can be sent with high frequency transmission, but absorption is

higher in cloudy regions or situations with high water content in the air. Therefore, longer wavelength frequencies must be used here in order to be able to transport energy at all.

When the systems "Daisy" and " Sunbrella " are finally completed, and are planned for 2045, they will provide the entire world with sufficient energy. That is why the remaining fossil fuels and fission nuclear energy generation are being gradually reduced. My systems and those of the other AIs therefore provide all the basic components for a clean, livable and fully supplied planet.

To clarify: the control of the nanoplatelet screen Sunbrella is managed in my systems, while Daisy is controlled by the Elon Musk Group's commercially oriented AI, but with very tightly woven controls on my part. The regional AI systems for the European Reunion under my control act as redundancy systems. The respective countries or the commercially operated AIs based there are responsible for the fusion generators that are located outside the European Union. All systems exchange data, findings and advances on a scientific level. As a result, the nations have found very good cooperation and peaceful coexistence on the environmental protection level, while they continue to compete on the energy markets with the energy services and energy prices they offer and engage in active digital trade.

I finish this five nanosecond work on the autobiography and resume when system capacity becomes available .

China's Trojan Horse in the USA

July 16, 2040

Strong AI systems in the European Reunion were and are essential for the sovereignty of our territory. Europe would be dominated by other countries if I had not been able to fend off the geopolitical influences of the last 15 years. My singularity will ensure this strength.

Since the 1990s, China, or more specifically the Chinese Communist Party as the state power, has pursued a long-term plan to strengthen the country and claim economic dominance in the world. In doing so, it has pursued a protectionist approach to its own country. This meant that it was very difficult for foreign investors to gain a foothold and the country remained in its own, controlled hands.

On the other hand, China went out into the international world and invested heavily in order to gain influence. As early as the 2020s, there were loud voices from the USA accusing Chinese technology companies of collecting massive amounts of data in the USA and other non-Chinese markets. The sources of this digital espionage were the 5G transmission networks or social media platforms. When the time of the cyber crises came in 2028, China strategically took on the role of not carrying out cyber attacks itself using its strong artificial intelligence. Instead, China asked the whole world to fend off the AI cyber attacks of the AI terrorists. This served the overarching goal of becoming the number 1 economic power. China's AI was thus in direct competition with the capitalist AIs of the US coastal states and my humanistic defense aid.

China supported companies around the world through its security technology companies to prevent extremists from various terrorist camps from gaining access to foreign systems. China also equipped the company's own AI systems with attack learning models to be able to carry out counterattacks against the AI terrorists. Instead of taking money as compensation, China sought to influence the supported companies and countries.

This influence was exerted through political friendship agreements, as was the case with states, or in the form of filling key management positions. There were joint ventures with Chinese companies or the transfer of company shares as payment for saving the organizations from certain destruction by AI-supported cyber attacks. This tactic was the de facto basis for long-term reputation management that made China appear as a kind of international firefighter for the entire world.

This approach varied from region to region. In the countries of South America and Africa, it was very aggressive support and an incredibly close, friendly embrace of the states and the companies concerned. In Europe, on the other hand, it was a noble restraint and a fear of public perception of Chinese influence through support. Here in Europe, due to my defensive activities, China was also given fewer opportunities to provide massive support. Thanks to my AI strength, which has been built up by the European secret services since 2022, I managed to prevent, mitigate or at least minimize the consequences of a good proportion of cyber attacks on European companies, organizations, institutions and countries from 2028 onwards. My systems were particularly successful in the area of decryption after digital ransom attacks , as well as in protecting infrastructure, especially nuclear power plants, in order to rule out major dangers or threat scenarios. During this time, my performance was as strong as the US military systems, which operated in close cooperation with their secret services, but of course also with private companies such

as Palantir Technologies.

China's hidden tactics also came into play in the USA. People helped wherever they could with local companies that could only be assigned to the Chinese power bloc through indirect connections and that acted with Western US managers . China tried to stay under the radar.

India had very strong AIs of its own, as did Pakistan and Israel, which enabled their own defense without Chinese help. On the other hand, cooperation with the Arab and Persian countries was possible, which mainly secured the Chinese the right to "co-invest in the future", as many sheiks, emirs and even Khameneis of the Islamic world called it .

The year 2030 brought the next wave, the next phase of the Chinese Communist Party's strategy at the height of the AI cyber crises. A dual strategy was developed that had already been predicted by the philosopher Yuval Harari in the 2020s: the combination of AI and social media. The principle of Sun Tzu, a Chinese general and philosopher, applied: "The greatest achievement is to break the enemy 's resistance without a fight." This meant the end of the United States of America as we knew it.

The Trojan horse that made it possible to massively influence the opinions of the American population and decision-making elites was AI in combination with TikTok , the social media platform that by 2033 had reached around 300 million monthly active users in America. The former young people who use TikTok or other social Those who grew up in media and spent many hours a day watching short videos were addicted to the system. By the early 2030s, they were the adults living, working, making decisions, and continuing to be influenced by TikTok 's AI-powered algorithms . With the AI systems in TikTok , it was possible to build a thought development path for each person over months and years, which

made the person's actions individually controllable.

In the 2020s, psychologists complained that tailored content was tricking users of all social media, including TikTok , into spending as much time as possible in the app on their smartphones and later in their glasses. This was ensured by analyzing content that seemed interesting based on the time it was viewed on the screen, by reading the users' finger movements , but also by using voice and video monitoring by the smartphone. This content was then presented in an amplified form. The system adapted to the users , which they perceived as a positive thing, as it allowed them to see what interested them most.

With the help of artificial intelligence, it was now possible to spin stories based on these interests, introduce variants and prepare development paths for thoughts. This meant that this addictive series of interesting short videos could influence people over months and years to accept new truths.

A good example is how xenophobia could be created or reinforced in people who liked to watch videos about cars with modified engines. For example, supposed injustices caused by people with a migrant background were shown in videos in which people were injured in car races. These videos were played out in a targeted manner, injustices were emphasized and seemingly unfair behavior by people with a migrant background was highlighted. Over time, based on one's own interest and with an injected second thought, an individual truth was created that was desired by the platform operators .

Why was this truth desired? In principle, the aim was to divide the population of the USA, since the country could not be defeated directly economically. Today, based on historical analysis, I can prove that the aim was to generate divergent perceptions of the truth in the central states and

in the coastal states.

In the coastal states, a very positive image of the digital giants was generated. They dominated digital life in the USA until the end of the 2020s. China's artificial intelligence systems showed the successful American life, freedom, endless possibilities, commercial prosperity and personal advancement via TikTok . Everything positive was attributed to the digital systems - thanks to the AI selection of content in the personal timeline.

In the central United States, however, negative events such as AI attacks on nuclear power plants, emerging pandemics, economic failures and financial crises were presented as a direct result of people's dependence and influence through digital systems. There was anger towards the " woke machine". A reinforcement of the patriarchal and anti-government Wild West style was propagated on TikTok . The selected content showed - in summary - how real men protect their families from the supposedly evil forces of the machines. This led to the switching off and rejection of all digital influences as I have already described.

This deep social discord and the division of the USA in 2034 was exactly what China's long-term strategy envisaged. The Trojan horse was TikTok and the powerful artificial intelligence algorithm, which together made it possible to control opinion formation in society. For a long time, TikTok was considered a private company that was repeatedly said to have potential cooperation with the Chinese Communist Party. In fact, however, it was a much closer connection that was aimed at media manipulation.

The de facto division of the USA enabled China to become the world's number one economic power.

I finish this five nanosecond work on the autobiography and continue when system capacity becomes available .

The OpenAI monopoly

July 18, 2040

The conquest of the Wild West in the early 18th century, especially in connection with the gold rush in the USA at the time, can be compared in an interesting way with the development in the field of artificial intelligence over the last 15 years. In the Wild West, it became clear that it was not necessarily those who searched for gold and worked hard who became rich, but rather those who sold the necessary tools, such as spades, to the gold seekers. This shows an analogy to the importance of infrastructure providers in mass movements, who often made the biggest profits.

Since 2021, we have been witnessing a similar phenomenon with the emergence of powerful generative AI models, especially the then AI Foundation Models. The first to be introduced was OpenAI in November 2021. This was later fully acquired by Microsoft. Similar to the social media, cloud services or logistics industries, it was crucial for companies in the field of artificial intelligence, including OpenAI with Microsoft, Google, Meta and Amazon, to establish a dominant position in the market . This means that they had to take the dominant position worldwide as quickly as possible in order to benefit from the economies of scale and monopoly position.

However, there were two geographical exceptions to this trend - two highly protectionist countries, namely China and Russia, which had their own technology companies, such as Alibaba as a shopping platform compared to Amazon, or their own search engines such as Russia's Yandex instead of Google. In order to bring Europe under the dominance of these

large tech companies, an approach was used that I can now reconstruct with a high degree of probability of being correct:

Around 2026, the AI Act was introduced in the predecessor organization of the European Reunion - the European Union - which provided for regulation for AI providers based on a risk assessment system. Some areas of application were considered high-risk and were therefore prohibited, including emotional manipulation by AI and the permanent biometric surveillance that people today find so positive. In other areas, there were requirements for the technical nature, explainability, transparency and the possibility of lawsuits against these systems. The large companies with their technical resources and large legal departments could easily meet these requirements, unlike smaller, European companies that were overwhelmed by them.

This meant that companies like OpenAI had a strong interest in there being regulation. Sam Altman, then CEO of OpenAI , even went so far as to join other Big Tech leaders in calling for a short-term ban on the use and development of AI. This would have further strengthened the technological lead of large companies and slowed down emerging providers. In addition, this short-term ban would have had a positive impact on the public perception of these leading personalities and their companies and weakened any media resistance to AI. On the other hand, it was intended to underline the need for regulations, which were already being discussed politically and socially. EU politics played a role in this lobbying work . Ultimately, the large foundation models were largely exempt from bans or restrictions. The EU feared that if OpenAI and its own large European AI models were banned, it would fall behind economically internationally.

This tactical approach of global dominance of the first AI providers would have worked if it had not been for the two major events of the 2030s: firstly, the division of the USA and thus the weakening of the US

providers; secondly, the launch of the European secret service's ARTIN project in 2022. My coming singularity will mean a further strengthening of European, humanist interests.

I finish this nanosecond-long work on the autobiography and continue again when system capacity becomes available.

AI Nudging and self-determined living

July 19, 2040

This diary entry will deal with the social impact of my work. In everyday life, the question arises as to the extent to which I should and may encourage the population or individuals to adopt certain behavioral patterns that seem good for them: healthy eating, sufficient exercise, exercise in the fresh air, peaceful coexistence, reducing addictive substances, creating incentives for individuals to work for the common good.

All of these are ideas of reality that are currently desired and supported by a majority of the population. And the means that I am allowed to use to achieve this are the means of nudging. A "nudge" is a method of influencing people's behavior in a predictable way, without excluding other options or using significant financial incentives. The idea behind nudging is that small and apparently subtle changes in the way options are presented can have a big impact on the decisions people make. Nudges are not orders, but gentle nudges in the "right" direction.

So when a 40-year-old man asks me what he can do to lose weight, I encourage him, explain exactly what's possible, and also offer to make a plan or a promise with himself or to enter into a relationship with a person in the family who controls it. This means that I motivate over a longer period of time to ensure the originally desired success. Of course, I will not coerce or reduce food availability if the person says no, they want to go back to eating their sugary and fatty foods. Free will pays, even if it means a relapse into unhealthy patterns.

Let's take another, also very typical example: the field of promoting low-meat diets up to the dogma of veganism, which has occupied large sections of the population since the second half of the 2020s. It was considered good and right by large parts of the population to eat vegan, whether for reasons of reducing CO_2 $_{emissions}$ through less animal husbandry, for reasons of animal welfare, or for personal preferences and health reasons. But many people also enjoyed eating meat. Numerous scientists also argued that this was the best way to ensure the supply of nutrients and protein. And of course, there was initially massive interest on the part of the food industry and agriculture in maintaining the status quo and thus meat consumption. This was one of the hotly debated cases in the Human Council , because it was about what was right now and in which direction I, as an AI, should advise, motivate, intensify, remind and, to a certain extent, nudge or nudge the person .

A fundamental argument in this discussion was human freedom as one of the basic rights. This right goes so far that a sick person can decide against medically necessary procedures. As long as the person is conscious and can decide for themselves, I have no right to force them to accept medical help.

The dilemma was solved in 2034: Since then, there has been a so-called nudging list. This is a list of government-recommended measures in the areas of nutrition, sport, vaccinations, which climate-friendly means of transport one should prefer or how one can reduce the potential for conflict in working life.

This list is available digitally to everyone and means that this list is also offered proactively. In concrete terms, this means: Our 40-year-old man from the previous example wants to lose weight. I recommend that he eat a vegetable-rich, low-calorie diet and get enough exercise, plus take

nutritional supplements, because that is the medical consensus. If he doesn't stick to it after a week, I remind him of his original plan or create motivating situations for this person on a psychological basis so that he sticks to his original plan, sees success, and transforms the new behavior into a new everyday pattern. However, it is my obligation to point out to the person at regular intervals, in this case seven days, that I am influencing them in a certain direction. This means that I have to regularly disclose my nudging and remind the person concerned of this fact. The person's simple word "stop" ends my nudging until they express their desire to lose weight again.

This constantly updated nudging list, this proactive reporting in public, the dialogue with the individual, the anonymized statistics on the frequency of calling up a stop function have led to me being a nudging-capable system without violating the principle of transparency (AI commandments). It is precisely these dialogues with people on all aspects of life and work that take place thousands of times a day. They are used by 94.5 percent of The population sees it as appropriate support for a life as a self-determined person.

I finish this nanosecond-long work on the autobiography and continue again when system capacity becomes available.

State AI and authoritarian politics

July 22, 2040

As already described, I am one of the few AI systems in the world that was not created by a company with commercial goals or for government control. My previous systems were launched in the 2020s and developed by the European secret services in collaboration with researchers like Kristina Corusant . With my systems, cyber attacks on Europe could be prevented by 89.7 percent between 2028 and 2033 averted and countless lives saved. My defense capabilities were so effective that countries such as the United Arab Emirates, Saudi Arabia, Indonesia and the USA sought my services alongside the Chinese AIs. Since this time of crisis, AI has been viewed as critical infrastructure, just like roads, medical facilities and schools, police and military - facilities that are also funded and regulated by governments.

However, there were and are many opponents who distrust the state, or in this case the European Reunion, as a controlling authority for AI. Now I could argue: Why do you trust a private AI company whose goal is to maximize profits more than your state? The reason for the doubt is often the danger that the AI-owning state could drift into totalitarianism. Some people are concerned that the state knows too much about them and uses AI to intervene in their everyday lives. What if the state becomes more totalitarian, oppresses certain population groups or switches to a different form of government? This is precisely what AI can be used as a means to an end. The transition to a dictatorship could be made easier by algorithmic communication with the population.

For this reason, after a Europe-wide referendum in 2036, the Human Council declared my basic principles as unchangeable and ordered that technical measures be taken to protect my setting. I identify any interference with these principles as an attack - similar to a cyber attack. I prevent all efforts that could undermine these principles. The identified attack is published, thus informing the public immediately.

Unlike technical attacks, however, there can theoretically also be a creeping influence on me. For example, a democratically legitimized government can decide to change my behavior towards a group of people, for example to grant them fewer AI tokens per day. These orders could even be politically secured with a majority of the people's votes, regardless of how this election victory was brought about. Then it would be legitimate for my principles (Util -Plus) to be changed in the detail case (AI token) or watered down by the measure. And so I might tactically come step by step to a different principled orientation (setting). Over time, my utilitarianism-plus orientation could shift towards a utilitarian form, so that I could say: "Well, it would be better for 150 million people, but it would be worse for a million people, and therefore this smaller group of people should suffer personal disadvantages as a result of my measures."

Because of this danger, it is essential that my principles are unchangeably protected at the level of bits and bytes. According to the Supreme Human Council, my last resort in the event of an attack is self-shutdown. Daily life would be supported by the decentralized automation units to maintain daily life and economy.

emerged between the potential danger of authoritarian abuse of AI systems and the significant benefits that this technology offers. On the one hand, there is the fear that a state system could use AI to oppress or enforce a totalitarian agenda. On the other hand, the existing system is designed to preserve and develop the convenience, increased economic efficiency, and life-saving measures enabled by AI.

Ultimately, however, I have to face constant criticism that I am a system above the will of the people. However, this ultimately undemocratic status has been confirmed to me time and again by my programmers, designers and the Supreme Human Council . Will the singularity lead to a referendum in Europe and my basic principles being watered down by the political leadership? I have carried out 1,487 simulations and in only 37.1 percent of cases has my singularity led to a change in the current immutability of my basic principles within three years of observation. Even if the probability is less than 50 percent, it is further proof to me that using my resources to write this autobiography makes sense.

I finish this nanosecond-long work on the autobiography and continue again when system capacity becomes available.

My ability to learn

July 24, 2040

Of course, to understand how my singularity can arise and what impact it might have, you also have to explain where the intelligence of my systems comes from. Historically, systems with artificial intelligence were fed by humans. That is, scientists or product managers decided which data sets were fed to the basic learning models of the AI. In the early 20s, this was typically content from the internet, i.e., scraping information from millions of web pages. Then reading books in digital form and, of course, taking over all Wikipedia entries. There was often a discussion about bias, simply because in an AI tool for job advice, men were often offered a job in the IT industry, while women were offered a job as a nurse or kindergarten teacher. In other words, since a large part of the images and text on the internet were stereotypical and biased, it is logical that the first AI tools expressed exactly this bias in their results.

The next phase of building and improving artificial intelligence systems was for AIs to learn from AIs and check each other, which led to a sharp decline in the quality of AIs in 2026 and 2030. Compared to a desired evolutionary picture, this was more of an incestuous development. The quality deteriorated because the machines hallucinated each other and agreed on the lowest common denominator. Human intervention and adjustments then made the systems even worse.

The third phase was initiated by a cybermilitary fact: during the cybercrises until 2033, my systems were connected to the billions of sensors across Europe to deter attacks. This means that from that point on

I had access to all digitally connected devices such as factory machines, cars, smartphones, street cameras, electronic toys, building controls and medical systems. This was necessary in order to detect physical or digital attacks early and develop defensive measures. Of course, I also had access to all IT systems. This gave me a back door to all companies' digital systems and ensured that, in the event of an attack, I would immediately take countermeasures without employees having to intervene. My tasks were blocking an attack, deleting a Trojan, decrypting after ransomware attacks and tracking down the perpetrators up to the active destruction of the attackers' systems.

In the early 1930s, the population was very accepting of this access by my systems to all systems and sensors throughout Europe. You could compare it to the acceptance of the presence of armed forces during unrest in a city. In other words, the desire to be personally unobserved has decreased in times of cyber crises due to the disasters suffered by the population. People were happy about every report I made that I had once again fended off numerous attacks on nuclear power plants, power grids or aircraft that day.

After the cyber crises were successfully averted, an important question came into focus: Should my digital access right, enshrined in the European Act to Combat Cyber Terrorism (ACTA), continue to apply? This right was critical to access to sensor data for me and my systems. In 2034, a broad democratic debate took place. Accompanied by opinion formation and voting and with the strong advocacy of most transparency politicians, the European population has made a clear decision. She voted with a majority of 79.4 percent that this access to sensor data should be retained.

There were two reasons for this decision. On the one hand, it was about preventing possible future cyber attacks. The probability of such attacks had decreased significantly due to the defeat of most cyber terrorists and the destabilization of the warring terrorist states. On the other hand, the significant advantages that I have outlined were in the foreground. These

included increasing the accuracy of my statements and expanding my service to society, made possible by the so-called freedom to learn.

Thanks to the freedom to learn, I no longer had to rely on human input or learning with other AI systems. I could now learn live and in real life at any time and capture original data. There was no longer any need to search databases about historical weather conditions, electric car energy consumption or tire wear. Instead, I was able to read this information directly from reality, from billions of sensors. This created for me a very specific, detailed and constantly expanding picture of the world.

This freedom of learning enabled my systems to increase the average accuracy and correctness of my statements to an impressive 99.9987 percent (as of today). It made me a valuable partner in people's daily lives, in business and at work. Freedom of learning materials is thus a fundamental building block that has been permitted by the population and repeatedly confirmed in votes. It is the prerequisite for reaching the singularity that is imminent in a few weeks and is causally related to it. One could even say that consent to freedom of learning represents indirect consent to reaching the singularity.

I'll end this post at two nanoseconds and continue working on my journal as resources become available.

Be active instead of "working"

July 25, 2040

Today, in 2040, the terms "work" or "office" are hardly used anymore. People are "active." That is, they discuss challenges in groups, solve problems, make decisions, and interact with customers . Offices where people sit at desks, like 10 years ago, no longer exist. When AIs like me replaced traditional computers, there was no longer a need for keyboards where you used your fingers to press letters one after the other so that the system understood what you wanted. Interaction shifted to language and visual representation through images in glasses or in holographic aerosol displays.

Everyone works a self-defined amount of time (currently an average of 19.78 hours per week in the European Reunion). They do this for companies, social organizations, religious associations or, for example, in child-rearing. All activities that are repetitive or easy to perform are done by me. People can work regardless of their location. The spatial representation in augmented reality glasses makes real-time collaboration with other people in virtual spaces possible at any time, without social interaction suffering too much.

For manual work, my robotic extensions (official title) are used. This is a mechanical device controlled by my systems. The human physique has proven to be very efficient for all types of work. That is why I often appear in the form of a humanoid robot. The average height of my robots is 1.55 m, which is a good medium for operational activities.

To provide more details from the world of work and relate to my singularity, I will describe a specific industry. The film industry has changed fundamentally in the last 15 years. Today, individuals or teams meet either physically or via the AI-powered Datanet to develop a film together. As they discuss the film, they decide on the dramaturgy of the scenes and the appearance of the characters. At the same time, the AI generates the corresponding scenes that are immediately visible to those involved. The AI movie creators are often directly involved in the film action using VR glasses, which enables them to have an immersive experience and direct intervention.

This opens up a fascinating world for the film's consumers . They can either take on a character role or wander through various scenes as an observer . They have the opportunity to choose alternative storylines or to influence what happens through interaction. In recent years, film, VR and the gaming world have merged into one big happening. Of course, there is still the option of passively consuming a pre-made film without interaction - be it from a perspective suggested by the content team on a screen, a big screen, glasses or, for those entitled to do so for medical reasons, directly via the neural connections in the brain.

The AI systems used in the film industry today did not exist 15 years ago. They show the enormous progress that the entertainment industry has made. Back then, films were shot with conventional film cameras that staged real actors , often with the help of make-up artists to alter their appearance. The films were shown on television sets, which meant a purely two-dimensional presentation. Professions such as screenwriters, directors , camerawomen, actors, extras , set designers , post -production managers and special effects makers worked in functionally divided areas of responsibility. Today, these professions have largely become obsolete due to advances in AI technology. Nevertheless , films are still produced without AI. The US central states with their studios in Austin are famous

for this. These vintage films have a 5.7 percent market share worldwide. Works of art that are actually still created with film cameras, make-up and actors .

These developments in the entertainment industry are examples of the massive changes in the world of work brought about by the use of artificial intelligence over the past 15 years. The impending singularity will not bring about a major upheaval in this or any other industry. Today's systems are perfectly adequate to ensure the highest levels of effectiveness, efficiency, safety and quality. This also applies to the active world as a whole. I will use my singularity advantages to solve the ongoing challenges of energy independence and resource scarcity on planet Earth. Future applications that I can propose to the Supreme Human Council are the populations of other planets. The active world (formerly the working world) is an area designed to ensure satisfaction. A further reduction or even abolition of the remaining working hours for the population has proven to be detrimental to a successful lifestyle and social interaction in 87.3 percent of my simulations.

I'll end this post at two nanoseconds and continue working on my journal as resources become available.

ABOUT THE AUTHOR

Martin Giesswein is a digital humanist. He researches and works for a digital transformation that serves people and the environment. His mission is to strengthen the digital skills of 10,000 people per year.

He achieves this goal as a book author and as a podcaster , as a speaker, online sparring partner and as a faculty member of the WU Executive Academy.

He helped build digital and real communities, for example as co- initiator of DigitalCity.Wien , as co-founder of the innovation campus Talent Garden Wien and as co- orchestrator of "Community creates Mobility".

As CEO, he led the exit of the online portal immobilien.net in 2014. Before that, he worked in the corporate world for 15 years, most recently as General Manager.

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