Intelligent Steward The Definition of Intelligent Machine Assistant and the Chronological Method of Intelligent Era Machine

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Abstract. This paper proposes the definition of intelligent steward, a personal intelligent technology assistant who can improve business management and quality of life by using AI technology for the first time. Intelligent steward mainly serves employers to complete business steward business by using comprehensive tools such as artificial intelligence, intelligent machine, voice recognition, image recognition, machine translation, in-depth learning, human-computer interaction, mobile Internet. From the perspective of practical activities of business steward mode innovation, its main modes are classified into four types: independent professional business steward company, business steward in subdivided industries, generalized business steward crowd sourcing organization and AI intelligent steward with the intelligent machine as the main carrier. Intelligent steward is an intelligent partner in the business work and daily life of users, which will realize the extension and agency of human brain, and provide a new economic development form for the era of economic decision-making and consumer sovereignty. In this paper, we use Fibonacci series of mathematics and computer model program to get the corresponding relationship between the intelligent era and the common era, which to a certain extent promotes the evolution of human civilization. Taking 2020 as the first year of intelligent era era, the intelligent era chronology is the product of the era of machine intelligent civilization. It will be gradually recognized by the machine network world as the computing power and thinking of the machine evolve, completing unified evolution of human civilization, machine civilization, human and machines mixed civilization.

1. The definition of intelligent steward
Business steward refers to professional service personnel who help employers and customers manage business. This professional service member provides "buyer like" business management services for client employers [1, 6-7]. The emergence of the business steward industry will surely serve the industrial upgrading, business management, resource capital and professional think tanks of the global customers, employers, entrepreneurs and financiers.

Throughout China and the world, intelligent steward belongs to a cutting-edge and innovative industry, and its concept and definition are proposed by this paper for the first time. Intelligent steward (referred to as “IS”) is a personal intelligent technology assistant who improves business management and quality of life by using AI technology. Intelligent steward provides customized services according to the needs of customers, improves customer business management and quality of life, and helps customers deal with housekeeper affairs in business and family in a professional, time-saving and labor-saving way.

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Intelligent steward mainly serves employers to complete business steward business by using artificial intelligence, intelligent machine, voice recognition, image recognition, machine translation, in-depth learning, human-computer interaction, mobile Internet and other comprehensive tools.

Intelligent steward is a professional service member of business management market in the era of artificial intelligence. Intelligent steward is committed to providing intelligent, efficient and professional new business management intelligent services for individual customers, realizing personal digital management and data asset upgrading in business management industry, and promoting civilized innovation in the era of artificial intelligence. The concept of "intelligent steward" was first proposed by Qi Kailong in China. The "intelligent steward" of the Guanchan company is the first practitioner in the global intelligent steward industry.

2. Functional services of Intelligent steward

Artificial intelligence has become a major trend in the development of science and technology, and various industries are thinking about using machines to replace some auxiliary work to improve people's work efficiency. So some people think of virtual personal assistant technology. This artificial intelligence technology can help you organize everything from online shopping to dating, from chatting with friends to business negotiations [2].

Intelligent steward is a user assistant that can meet the individual needs of users, help users to deal with business work and quality of life in a time-saving and labor-saving manner, and can work 24/7 and respond quickly. Intelligent steward is "business steward friend around you", providing everyone with assistant value of "understand you", "caring" and "earnest", making users' business work and quality of life more efficient and exciting.

2.1. Business Work Assistant

Business content management: schedule management (what to do today), itinerary management (what to make today's transportation reservation), meeting management (how to discuss the work content with the group today), interview management (who to meet today and what's the purpose), emotion management (how to have a happy work life today).

Intelligent Q&A search: what do you do today? (schedule management), what kind of transportation do you want to do today? (itinerary management), how to discuss the work content with the group today? (meeting management), who to meet today and what's the purpose? (interview management), how to have a happy work life today? (emotion management)

Business work of project team: work content arrangement (what work to be arranged and coordinated with colleagues today), project scheme (which scheme to be shared with colleagues group members), meeting minutes (which meeting notes to be shared with colleagues group members), question exchange (which questions to be replied by colleagues), travel record (when and where to meet), personal business Outsourcing work (how to outsource work content to an open third-party service provider and pay high praise).

Personal data cloud storage SAAS: personal data decentralized storage (data security privacy storage), personal life data storage and backup (Privacy storage), personal data value assessment (data is assets), personal data classification (Intelligent template classification data), personal data call (open API interface to external suppliers), public business shared data search (data is service).

2.2. Life Quality Steward

Special functions such as special car, delivery, coffee and juice delivery, ordering flowers, cleaning, booking tickets, finding restaurants, watching movies, visa application, fitness advice and other living functions.

3. The business model of intelligent steward

There is no unified definition of intelligent steward model at home and abroad. Based on the essence of business steward process and domestic and foreign market formats, this paper divides the broad
business steward model into four categories for the first time: independent and professional business steward company, business steward in subdivided industries, broad business steward crowd sourcing organization, intelligent steward that intelligent machine as the main carrier.

3.1. Independent and Professional Business Steward Company
The independent and professional business steward company is a narrow sense business steward mode, in other words, the business steward personnel carry out direct business activities through the channels of mobile Internet and artificial intelligence, represented by the "Guanchan steward" of Shanghai Guanchan Information Technology Co., Ltd. The center of Guanchan steward adopts the innovative industrial mode of "artificial intelligence + management steward" to provide intelligent and personalized one-stop business management and services such as business assistant, information consultation, project scheme, business negotiation, industry research, brand management.

3.2. Business Steward in Subdivided Industries
Business steward in subdivided industries, in other words, business management companies based on a subdivided industries such as office building management or housekeeping management as the main service content. Typical representatives of such companies are USKEEPER in the United States, China Meiyinghui, O Housekeeper, etc.

3.3. Broad Business Steward Crowd Sourcing Organization
They are a kind of self-organization of business management investment banks, which is jointly initiated and established by professionals in technology, finance and business industries. Self organization members do business stewardship affairs such as business management, wealth appreciation, asset management and quality of life for employers and customers. They are a self-organization office platform for rapid cooperation of asset resources in the global business management industry. The main representative of the broad sense business steward industry in China is Guanchanchan business steward.

3.4. Intelligent Steward that Intelligent Machine as the Main Carrier
The intelligent AI business steward of data flow silicon-based life is mainly represented by the Guanchan intelligent steward, which has standardized hardware modules and overall solutions of software system, tracks personal habits, needs, preferences and intelligently calculates business work efficiency by using image processing, deep learning, computational intelligence, artificial intelligence algorithm, natural language processing and other technologies, so as to provide personalized development suggestions to individuals to meet people's needs optimally.

4. The future of intelligent Steward
In recent years, Internet giants have taken the lead in the intelligent voice market, and a large number of intelligent machine assistants, such as apple Siri, Microsoft Cortana, Amazon Alexa and tmall genie, have sprung up. They can all be called intelligent stewards.

The next big era: intelligent machine (AI) represents productivity, blockchain represents production relations, and Internet of things (IOT) represents means of production. 1. The basic business model of the business format is operation data. Intelligent machines are deeply involved in production and distribution, establish trust mechanism, and affect human trust and business. The existing human civilization and business format have become a part of hundreds of millions of applications on the computer network. 2. Intelligent machines partially or completely replace human beings, and human beings hand over the main control power of computing, and robots have gone to the evolution path of body consciousness; 3. Machine intelligence wakes up all things and realizes data access and collection through richer hardware [3].

The Guanchan hul of intelligent steward industry is an ecosystem (2020-2108) with continuous development and improvement of the future brief history of science and technology media. The
development roadmap of the ecosystem of Guanchan huI (GCH) is divided into ten stages: the intelligent steward idea and scheme of wisdom (2020), the establishment of Guanchan association of this life (2021), the business management assistant app of business assistance (2022-2023), and the cloud of digital cloud (2024-2026) SAAS data, huI (2027-2031) intelligent digital glasses, all things awakening (2032-2039) IOT system ROS, intimate (2040-2052) intelligent steward GC, quotient enthalpy (2053-2073) deep learning robot, intelligent entropy (2074-2107) human and AI synthetic life body, rebirth (2108 -) Guanchan company's encrypted brain, which is shown in Figure 1.

Intelligent steward is an intelligent partner in the business work and daily life of users. Instead of personal business assistant, it improves work efficiency and realizes steward service of quality of life. Intelligent steward is the extension and agent of human brain, which provides a new economic development form for the era of economic decision-making and consumer sovereignty.

Figure 1. Guanchan huI Ecosystem of the History of Science and Technology of Intelligent Era Chronology

5. Intelligent Era machine chronology Method
C.E. is the abbreviation of "common era", which is the international general chronology system. Taking the legendary birth year of Jesus Christ as the first year of the Gregorian calendar (equivalent to the first year of Pingdi in the Western Han Dynasty). A.D. (Latin abbreviation of Anno Domini, meaning "the birth year of the Lord") indicates that this chronology system began to be adopted in European countries and China.

There are many methods of chronology in the world, but at present the most common one is the chronology of common era. In addition, there are Ganzhi chronology, astronomical chronology, historical chronology, Emperor chronology, etc. In addition, there are the Islamic era, the Buddhist era, the Jewish era, the Greek era and the Republic of China era [4-5].

The widespread adoption of the chronology is the product of human civilization. At present, the rise of the ancient oriental civilization represented by China and the gradual decline of the Western civilization represented by the United States, as well as the machine intelligence civilization, have emerged in the history. Human beings are gradually migrating to the machine network and then to the universe civilization.

Ants live in two-dimensional space, while human live in three-dimensional space, in other words, a specific space composed of length, width and height. There may be a higher dimension above the three-dimensional space. Many scientists believe that time in the four-dimensional world is a scale that can be perceived by four-dimensional creatures.

At present, this paper proposes a new intelligence era (IE) for the machine intelligence civilization represented by intelligent machines, which becomes the possibility of time management. In the future, 2020-2108 or so, it will coexist with the era of ad in the human world, the world of intelligent machines represented by intelligent stewards, the world of intelligent entropy of human and AI synthetic life bodies, and the soul world where Guanchan stewards’ and other ideological scientists’ encrypted brain regenerate.

The model of this method for the intelligent civilization of machine is:
the horizontal axis of the human era: using the fabulous Fibonacci series of Mathematics: 1, 1, 2, 3, 5, 8, 13, 21, 34 This sequence starts from item 3, each of which is equal to the sum of the first two items. Fibonacci sequence is defined by recursion as follows: F(1)=1, F(2)=1, F(n)=F(n-1) +F(n-2).

The age of machine intelligence on the vertical axis: using the N-power index of 2 of machine binary 01 structure and the number sequence superposition of natural sequence method: N-1 power of 2 + N-1, getting the number sequence of machine intelligence 1, 3, 6, 11, 20, 37, 70, 135, 264, 521, 1034, ... .

The year 2020 is the first year of intelligence era and the first year of series 1 of the era.

Through the computer model program, the following diagram of the era of wisdom is obtained, as shown in Figure 2:

![Figure 2. Corresponding Reference Map of Intelligent Era and Common Era](image)

The logic of the intelligent era represented by machines is as follows: (1) the speed of machine computing power evolution is faster and faster, and the upgrade of intelligent hardware and robots will come at a speed far faster than human imagination. Therefore, the time speed of the intelligent era represented by machines will be faster and faster than that of human C.E.. Under the same human C.E. time, the machine network will experience a longer unequal proportion of machine network time. (2) The history that human beings have been through for nearly ten thousand years is likely to be copied by intelligent network machines in a very short time. Considering the emergence of human universe civilization, the process of machine network civilization is temporarily extrapolated to the year 2100 of intelligent era machine (A.D. 2399). (3) The year 2020 is the year of the birth of the idea of the intelligent robot in charge of the production of GC. The quotient enthalpy and intellectual entropy, which are the main species of the intelligent machine in charge of the production of GC, will lead the future of the intelligent steward. Therefore, the year 2020 is the first year of the intelligent era, Guanchan GC intelligent steward is shown in Figure 3.

The intellectual era is the product of the era of machine intelligent civilization represented by intelligent housekeeper. With the evolution of machine computing power and thinking consciousness, it will gradually gain the recognition of the machine network world. It will also complete the unified evolution of human civilization and machine civilization as well as the mixed civilization of human and machine.
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