



**Epidemic prevention and control, home
remote office and life guidance**

Working together to fight the epidemic
Beijing Information Consumption
Application Guide

05 February 2020

Working together to fight the epidemic

Beijing Information Consumption Application Guide

As the people are fighting against the outbreak together, many IT enterprises in Beijing have launched products and services aiming at the epidemic, with practical actions. Under the guidance of the Beijing Municipal Bureau of Economic and Information Technology, the Beijing Software and Information Services Promotion Centre, Beijing Software and Information Services Association and China Information Consumption Promotion Alliance, Zhongguancun Modern Information Consumption and Application Industry Technology Alliance, collected and collated software products and services to combat the outbreak, and published "Working together to fight the epidemic, Beijing Information Consumption Application Guide" to serve the normal operation of enterprises, and the digital life of the public.

Beijing Information Consumption Application Guide for epidemic prevention and control, online working, informationised lifestyle, which provides convenience, including community outbreak management, telemedicine, remote consultation, co-operation, remote video conferencing, online education, cloud games, video-on-demand, digital entertainment, live video broadcasting, network science, digital exhibition hall, other public service platform. Readers through the QR code from the Beijing Information Consumption Application can download directly from the app or logged into the app and product service platform to consult with the official contactors and ask for the relevant enterprise information.

Please understand that time is limited, and you are welcomed to call for feedback, comments and suggestions.

Let us work together and act together to win the battle against this epidemic.

Part 1: Epidemic prevention and control information application

(1) Community Epidemic management

ID	Product Service Names	Enterprise name and product service description
1	Putian Epidemic Prevention WeChat Mini Program	Putian information technology co., ltd. Dedicated to the frontline management of community epidemic prevention to assist in the prevention and control of the epidemic. Specific functions include real-time epidemic, epidemic notice report, body temperature, tender feeling isolated, epidemic situation of real-time release, self-reporting of residents body temperature and humanistic care after isolation, and community workers basic information database, community monitoring equipment seamless docking, accurately track the information of community residents, location information and movement information, assist in human management.
2	120 Emergency rescue command system	Ideapool culture science and technology (Beijing) co., LTD. The system can support data docking with 120 command service system platform, comprehensive display of local provincial, municipal hospitals and medical institutions of the relevant data and belongs to the emergency resource deployment. At the same time, according to the key and emergency events, the system supports and assists the decision-maker to conduct command and dispatch from the overall situation and arrange the medical resources reasonably. The main contents on display include: number of hospital beds, duty list of doctors on duty, ambulance GPS positioning, ambulance emergency dispatch, video conferencing system, etc.
3	Beike Epidemic declaration system	Beike (Beijing) Science and Technology Ltd. Beike has independently developed and launched an epidemic reporting system, collecting health information of more than 300,000 people every day. Employees can declare their city, health status of themselves and their family members, whether they have passed through the epidemic area in Hubei, whether they have received the diagnosis or suspected patients and other relevant information through the system self-registration, the declaration rate is 99.9%. With the development of the epidemic and the end of the holiday, the epidemic declaration system has been put into operation again to collect information about staff returning to work, home observation period and accommodation difficulties, so as to do a good job in staff care and epidemic prevention and control.
4	Epidemic screening robots	Udesk Technology Co. LTD Udesk intelligent information collection outgoing call system collects relevant information of residents by scanning code for questions and answers. Afterwards, outgoing call platform automatically makes directional or random dial-in calls to residents to inquire and collect residents' epidemic information for analysis, and generates contact statistical report. It can also teach residents about diseases and provide guidance for prevention and control
5	Baidu intelligent outgoing call platform	Beijing Baidu Netcom Science and Technology Co., Ltd. Using intelligent robots instead of human phones can quickly check the health situation in the community, which is hundreds of times more efficient than human phones, and can also reduce the risk of infection among medical workers. From January 28, 2020 to the end of the epidemic, Baidu will open its intelligent outgoing call platform to relevant epidemic prevention and control institutions such as governments at all levels, National Health Commission, grassroots communities and centres for disease control and

		prevention. There is no charge. Yanan, Shaanxi province, has completed the technology docking with January 30 and started to use Baidu intelligent external calling system.
6	Baidu intelligent mini program	Beijing Baidu Netcom Science and Technology Co.,Ltd. At the beginning of the epidemic, coordinated with Baidu intelligent mini program merchants to increase the supply of masks, sold inexpensive masks, and delivered them normally during the Spring Festival to solve the huge demand of netizens for masks at the beginning of the epidemic.
7	Face recognition + infrared thermometry	Beijing Baidu Netcom Science and Technology Co.,Ltd. Baidu has cooperated with Haidian district in the project of "artificial intelligence algorithm to improve the efficiency of infrared temperature measurement technology". Based on AI image recognition technology and infrared thermal imaging temperature more than rapid detection ability, can be rapidly deployed in the important region without human cooperate, based on fixed point infrared camera to complete the 3-5 people/batches of facial temperature rapid detection system, can quickly extract temperature excess facial image information for further screening through the forehead temperature gun, help the government to move non-contact patrol inspection equipment, found that the temperature anomaly personnel in the forehead temperature gun again after specific inspection equipment, the overall improve search efficiency. On January 28, docking tests began at Qinghe railway station.
8	AIoT based + Security smart community platform	Beijing Terminus Technology Group At present, Terminus-based intelligent community platform solution pilot based on AIoT+ security has effectively improved the efficiency of epidemic prevention and control through AI and big data, and supported the first-line prevention and control screening and isolation management. By investing in research and development, training new AI models, actively assisting streets and communities to do a good job in screening, registration and management services to guide the return workers in key areas of the epidemic to take the initiative to declare, strictly preventing imported epidemic, and making work plans for large passenger flows back to the city after the holiday in advance. Gradually increase the automatic monitoring of abnormal body temperature, elderly and residents with a chronic history of care and other functions
9	KQGEO Epidemic Prevention and control management information system	KQGEO Technology co. LTD The system realises real-time dynamic reporting, monitoring, collection, analysis and visualisation of regional epidemic data. It can satisfy the report of data sinking into the community/village and real-time capture of IOT data. The distribution of the epidemic situation was expressed in details, including the distribution of heat and density. With interface layout, data source, display function and other freely customised features, it can help government and enterprises to quickly set up the geographic information system for epidemic prevention and control, and realise resource scheduling, situation analysis and decision-making command.
10	New coronavirus infection statistics and response information block chain platform	Guoxin Youyi Data Co., LTD. Platform using blocks in the chain of distributed, decentralised, not tampered with, and many other features, Guoxin Youyi, in collaboration with the University of electronic science and technology, Wuhan University to gather the epidemic information at all levels of government, National Health and Family Planning Commission and the public universities and measures, public opinions with the patient portrait chain evidences, and by using the integral system of block chain build epidemic data disclosure quality in various provinces and universities, the tracking data source and the whole life cycle management, help the government and universities with

		epidemic prevention and control in the decision-making and deployment, provide accurate data support and technical support. The 1.0 version has been launched on January 31, 2020.
11	Intelligent AI+Thermal imaging linkage without sensing early warning service prevention and control system	Beijing Junyou Century Information Technology Co. LTD AI intelligent perception linkage service platform aims to use monitoring equipment to conduct all-round, three-dimensional management and monitoring of the place. And real-time video surveillance images for intelligent analysis and behavior recognition, at the same time set up a variety of alarm and linkage, and monitoring the content of digital video recording and storage, the analysis of digital video files for editing, retrieval and interactive playback functions. At the same time, this system supports multi-level linkage mode, that is, provincial and urban linkage fusion, to achieve real-time data, especially risk data video synchronous update and forensics. At the same time, AI + safety awareness can achieve level five synchronous updating of platform dynamic analysis report, such as from a number of scenarios, peer analysis, path analysis, the stay time, facial expressions, regional protection, body movements, the key attention to travel in the middle of the night, access control, car monitor, coefficient of safety across a cascade of dimensions such as display and analysis, deep degree protection safety. Core features :1. Distributed data security system based on the block chain; 2. Super-sensitive knowledge analysis system based on neuron pattern; 3. Integrated multi-dimensional processing system based on neural network; 4. Complete the independent intellectual property rights and redefine the information standard system of biosafety.
12	Provide intelligent supervision, price supervision, online transaction monitoring, flow tracking, and information services for people's livelihood	Huayujinxin (Beijing) Software Co. LTD Huayujinxin use of cloud computing, big data, artificial intelligence, Internet, chain blocks, mobile applications, such as technology, technique and market supervision business comprehensive integration, provide advisory planning, application development, system construction, data service and maintenance of full-service operation, has covered "all system, all business, complete varieties, all chain, all object" of the market regulation solution for intelligent market, double security solution, city three-dimensional solution. Promote the promotion of "service and efficiency" of market supervision by means of informatisation, provide new ideas for the construction of informatisation after the reform of market supervision organisations, and provide impetus for the scientific, efficient and co-governance of market supervision.
13	"I am on campus"	Lianyi Technology Co. LTD "I am on campus" smart student safety management platform based on WeChat mini program, established from the students, counselors, school secretary to the four integrated rapid feedback mechanism. Managers can use the platform of "I am on campus" to accurately grasp the students' trends and recent situation at anytime and anywhere, and make accurate and rapid statistics of confirmed cases, suspected cases, fever, recent activities and other data of students in the school, so as to ensure the authority and reliability of statistical data and provide accurate data support for epidemic prevention and control.
14	Campus epidemic prevention and control cloud platform	Beijing Huimeng Xinan Software Technology Co. LTD "Campus epidemic prevention and control of cloud platform" is developed by the wisdom of the software is dedicated to the campus epidemic prevention and control means of technical support, provide daily epidemic reporting, the teacher in charge, and college students monitor, school regulation and large data analysis, information centre management maintenance function of multiple perspectives, such as all-round power campus epidemic prevention and control and information registration work.

15	Le Survey	<p>Beijing percent information technology co. LTD</p> <p>Based on the personalised scenes of different groups of people, mobile phones can be used to quickly and efficiently collect people's travel and contact with the epidemic situation. This program is widely applicable to hospitals, centres for disease control and prevention, ordinary people, government agencies, enterprises, community streets and so on. It can also support DIY. After quick registration, you can get the "epidemic prevention and control investigation tool" to grasp the health status of personnel in all dimensions in real time 24 hours a day.</p>
16	Lanxin mobile work and emergency collaboration command platform	<p>Qianxin Technology group co. LTD</p> <p>Cyber security companies, products and services cover more than 90% of central government departments, central enterprises and large Banks. In December 2019, Qianxin became the official cybersecurity service and anti-virus software sponsor of the organizing committee of the Beijing 2022 winter Olympic and paralympic games, and participated in the cyber security work of major national events such as APEC, G20, national two sessions, One Belt And One Road, military parade commemorating the 70th anniversary of the victory of the War, the 19th national congress, and the Shanghai cooperation summit.</p>
17	Pulmonary computer aided diagnostic software	<p>Beijing tuixiang technology co. LTD</p> <p>For the new type of coronavirus, an artificial intelligence segmentation model was established for the accurate processing of CT images. The artificial intelligence triage model of suspected new coronavirus pneumonia in fever clinic based on chest CT was established. The dynamic optimisation model of chest CT suspected new coronavirus pneumonia was established</p>
18	Lian health manager + new coronary pneumonitis close intelligent management cloud platform	<p>Beijing lianshenghua technology co. LTD</p> <p>Lian health housekeeper is a home intelligent health detection system. It consists of hardware and software. The hardware is a wearable device. Advanced infrared, photoelectric and bioelectric sensing technology is used to connect the smart phone through bluetooth to detect human body temperature, blood oxygen, blood pressure, blood glucose, respiratory rate, heart rate and other 18 indicators. The software is a cloud platform for national health management. Through data collection and analysis, it provides guidance on healthy lifestyle and cloud intervention services, realizing the overall solution of intelligent health detection at home!</p> <p>On July 18, 2019, 522 administrative villages in Hebei xingtai, deployment of detection equipment, to build the county full cycle dynamic universal health management service system of cloud, on January 29, 2020, in the health management of cloud services system has developed the new crown pneumonia contact personnel intelligent management module, the ngawi distribution equipment more than 300 close contact personnel, at home or in the designated contact person member isolation hotel intelligence tests. The body temperature, respiratory rate, blood oxygen, blood pressure and other indicators of more than 300 people in close contact were detected and uploaded to the cloud platform of intelligent management of close contact personnel for intelligent management.</p> <p>Weixian has strengthened the prevention and control of the epidemic in rural areas, giving full play to the role of township health centres and county hospitals, and strengthening the leadership of local governments at the township level to resolutely prevent the spread of the epidemic in rural areas. Within 15 days, it started to conduct intelligent management of flow control and close connection of inflow personnel or local close connection</p>

		personnel from Wuhan, and played the role of community streets to ensure the tracking of people, registration, community management, remote observation, detection of the epidemic situation, and immediate transfer to qualified medical institutions for isolation, which played a positive role
19	Based on large data of community outbreak risk early warning system	Teri Digital Technology (Beijing) co., ltd. Cross-analysis and spatio-temporal indexing based on big data from multiple sources provide community-level early warning of epidemic transmission risks. During the spreading of the coronavirus in Wuhan, the data provided by the national health and family planning commission and relevant disease control and prevention agencies as well as the information on the incidence and suspected population collected from the Internet and offline channels were analysed and reasoned based on the knowledge map of epidemic prevention, so as to provide the community grid level infection risk prediction and assessment for the masses. Collected and analysed data more than a million times by TB users, and evaluated communities across the country.
20	Polyepidemic prevention - new coronavirus epidemic prevention statistical system	Beijing Jutongda Technology co. LTD In response to the new coronavirus epidemic prevention work, Beijing Jutong technology co., ltd. launched a WeChat H5-based "epidemic prevention - new coronavirus epidemic prevention statistical system" to support enterprises, communities, towns and other densely populated units to collect and count the information of administrative personnel
21	Jingdong Beijing people group status tracking, and community wisdom can grid management system (mini program)	Jingdong city (Beijing) digital technology co. LTD <ol style="list-style-type: none"> 1. Online registration for returning passengers: the registration is made by scanning the QR code, including departure and return train Numbers, flight Numbers and their own health status; 2. the health of the residents can improve the health of the clock, clock after the generation of qr code, can be free to enter and exit the community, facilitate accurate management; 3. Big data report: powerful background function, adapt to various data requirements, meet various government requirements for data format export, improve the efficiency of data reporting;
22	Jingdong epidemic prevention that occupy the home integrated services platform	Jingdong city (Beijing) digital technology co. LTD <ol style="list-style-type: none"> 1. Epidemic status promotion Synchronisation of dynamic data released by National Health Commission epidemic dynamic propaganda, migration map, case tour trains flight inquiry, the official news live broadcasts, for community residents to grasp accurately and epidemic prevention information 2. Donation Isolate the virus can't isolate love, pass love and cheer for Wuhan 3. Home living service together, the life that occupy the home quarantine services for community residents to provide rich housebound services, including epidemic prevention material purchases, business super shopping, water, fruit and vegetable food procurement, life expends, Courier, financial services, etc. 4. Internet hospital provides Internet consultation, Internet pharmacy and other services. In addition to the new type of coronary pneumonia, other common diseases and chronic disease management can also be consulted. 5. Health insurance

		provides free insurance to protect the rights and interests of frontline medical personnel and their immediate families, and provides online health insurance for community residents
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(2) Remote medical treatment and inquiry

ID	Product Service Names	Enterprise name and product service description
23	5G dynamic sign monitoring system	Putian information technology co., LTD. "5G signs and dynamic monitoring system" by the wireless portable body temperature, blood oxygen, heart rate, breathing rate, monitoring equipment, 5G transmission technology, intelligent medical technologies such as cloud platform integration, signs and real-time remote monitoring of patients, medical staff without frequent discrepancy ward, through the intelligent monitoring platform can timely understand the changes of each patient's symptoms. Since January 23, more than 200 physical sign monitoring systems have been deployed in Shanghai public health clinical center and other medical institutions.
24	Online inquiry	Tencent Technology (Beijing) Company Limited 1) Tencent and the National Health Commission jointly released the "National Fever Clinic Map" WeChat to add the new "medical and health" entrance, launched the functions of online consultation and other emergency services, and released the list of available services to combat the epidemic. Tencent WeChat has launched "online consultation" and other functions urgently. If you have slight suspected symptoms, you can consult doctors online through WeChat mini programs first. There is no need to queue up, and you can directly talk with doctors. Search "online consultation" with WeChat, or enter the corresponding hospital from "WeChat-Me-Payment-City service" for online free consultation and free consultation. At present, hospitals providing online free consultation or consultation services are gradually being updated.
25	Digital medical webcast platform	Ideapool (Beijing) Culture Technology co., LTD Visual, interactive platform, allows experts and doctors in the surgery live broadcast the difficulties in the surgery, and communicate with doctors in real-time, adjust the operation scheme or solve the problem, to realise the remote medical treatment, remote consultation, let some incurable diseases can get more help from experts, at the same time, the process of live also can let other doctors colleagues to understand the operation situation, improve their technical level, provide experience for the similar case in the future.
26	Video consultation platform for coronavirus	Hinacom (Beijing) Software and technology co., LTD In order to effectively cope with the epidemic caused by the new coronavirus, we provided the public with expert videos and online medical consultation services
27	Mingyida Smart health wear	Beijing Mingyida Technology co. LTD Mingyida wearable smart monitoring system, enables 24-hour monitoring, recording and analysis of the customer's basic vital signs such as blood pressure, ecg, blood oxygen and pulse (temperature monitoring can be added if necessary). And through the client, doctor, friends and relative's terminal APP for instant presentation. It can realise real-time monitoring, online communication with doctors, management of health and health records and other functions.

28	Remote ophthalmic consultation system software	Beijing Gaussinfomed Medical Information and Technology co. LTD This product is mainly applicable to the writing, printing, browsing, storage and statistical analysis of the examination report of ophthalmology and ophthalmology specialist hospitals in general hospitals, providing the comprehensive processing platform of special examination report with process, information, structure and intelligence for the whole hospital doctors, nurses and technicians.
29	HealthFun	Donghua Yiwei Technology co. LTD Healthfun is an Internet medical platform affiliated to Donghua hospital. It was granted the Internet hospital license on December 3, 2019. Through Healthfun WeChat, users can obtain health science knowledge, consult doctors and learn about the latest changes of the epidemic. You can manage your own and your family's health records through the health APP, consult well-known experts for health guidance, and buy drugs through the health mall. Doctors can use the APP to manage their own patients, and use the functions of post-hospital follow-up, follow-up reminder, health education and questionnaire.
30	Psychological counseling service	Meituan Dianping Meituan App and Dazhong Dianping App jointly provide free psychological counselling services for doctors and patients in Hubei, and have launched online information covering more than 3311 fever clinics and designated hospitals in 186 cities.
31	JD online consultation services	JD Group (jd.com) JD APP opened JD free clinic, free access to doctor consultation services, JD health for users seeking psychological help, especially frontline medical staff to provide free psychological counselling hotline services.
32	Cloud platform for epidemic prevention and control in key places	SureKAM Corporation Epidemic prevention and control in key sites of one thousand cloud deployment of multistage application at a time, through the front-end equipment temperature monitoring and face captured 5G communication methods such as high speed network transmission, and to a cloud platform efficient data processing and warning, mobile terminals is convenient to send and receive information exchange, the formation of "perception, transmission, analysis, decision making, action" as one of the epidemic prevention coordination system, realise the suspected person part of early discovery, early judgment of epidemic trend, early implementation of prevention and control the task, to early blocking of current source.
33	Suning.com	Suning.com Suning.com launched the function of free health clinic on January 29. On the homepage of suning.com APP, users can find the icon of today's online free medical consultation in the main promotion and click to enter, or search for keywords such as "seeking medical consultation", "seeking medical consultation", "coronavirus" and "free medical consultation for famous doctors with coronary pneumonia" to enter the page of online free medical consultation.
34	Beijing Coronavirus online expert consultation platform	Beijing Baidu Netcom Science and Technology Co., Ltd. Baidu, Ministry of Science and Technology, Hospital Authority and Chinese Medical Association jointly research "Beijing new coronavirus online doctor platforms". Through technical ability and professional expertise, answers the demand of all the citizens for inquiry, which significantly reduced the inconvenience for citizens to go to a hospital visits. The project launched on 1 February.

Part 2: Collaborative office information consumption application

(3) Remote Office collaboration and video conference

ID	Product Service Names	Enterprise name and product service description
35	YouZone	Yonyou Network Technology co LTD YouZone is positioning in the enterprise and the organisation's social collaborative platform, the main "unified entrance, collaborative office, social communication business synergy" four core values, use of health records, announcement, task, instant messaging, video conference, live and other services, solve the enterprises and epidemic prevention and the office appeal, make the enterprise can be done in many collaborative management work, to help enterprises in the building of a smart digital entry work for anti-epidemic digital transformation, improve the efficiency of telecommuting, reduce operational cost, enable staff and team, activate organisation. At present, YouZone has served 120,000 enterprise customers and 4.5 million users, and 1000 new enterprise customers during the anti-epidemic period. It is playing an increasingly important role in the prevention and control of the epidemic.
36	58.com's recruitment solution based on telecommuting	Beijing 58 Information Technology Co LTD During outbreaks, Beijing 58 for small and medium-sized enterprises provide a certain number of free online video interview solutions, employers can recruit only 58 city cat App/App video interview (video chat) function and job seekers to establish session, online video communication, guarantees the employment demand of key enterprises directly involved in the production, transportation and sales of key medical articles and living materials for epidemic prevention, so as to improve the recruitment experience of customers and ensure the smooth production, transportation and sales of urgently needed materials
37	Suning Douya	Beijing Suning Appliance Co., Ltd. Suning Douya is Suning's independent research and development of the cooperative office platform, not only service the Suning, 280000 employees, including more than 10000 home of Suning retail partners and other business users, Suning bean sprouts in the intelligent enterprise management, mobile collaboration office with industry leading level, can help enterprise within or between real-time, remote, efficient office association with.
38	Cloud VR	Beijing Ultra Space Technology Co. Ltd. 1.VR mutual medical system; It can be used for medical training to fight against the epidemic, which can be used for on-site or remote control of VR headset, remote real-time guidance, or simultaneous viewing of VR training contents already made. 2. Short video network drama: my dangerous girlfriend can be used for home entertainment during an epidemic.
39	Real-time 3D visualisation authoring tool software	Ideapool (Beijing) culture technology co., LTD IArtist real-time 3D visualisation authoring tool software has no programming, real-time visualisation, real-time rendering, high compatibility do simple and a series of advantages, and has a wealth of data interface, through the tool software for real-time visualisation design and production, can be used in the media, education, health, smart cities, government affairs, and so on.

40	KQGEO digital information cloud system (ERP cloud system)	<p>KQGEO Technology co. LTD</p> <p>With GIS technology + workflow architecture, based on the cloud platform independent intellectual property rights, build a sky digital information system, realise the combination of mobile terminals and computer information office, solve the enterprise management of project management, cost management, cost management, asset management, collaborative office, human resources, financial management, such as demand, solve the contradictions of the operation of dispersion and centralisation of administration, solve the problem of real-time monitoring of multiple projects, implementation "personnel monitoring, efficient coordination, fine management".</p>
41	Huijiayuan	<p>Beijing Huidian Technology Development Co., Ltd.</p> <p>Huijiayuan mobile collaboration platform is a mobile collaboration and business integration product for large group enterprises. Huijiayuan inherits huidian technology group enterprise positioning characteristics, takes the mobile collaboration as the concept, fuses the instant messaging, the mobile approval, the centralised push enterprise communication message and the business message, provides the enterprise with a unified, safe, reliable internal communication and cooperation platform. As a mobile collaborative work portal for enterprise employees, it can quickly enhance the value of enterprise communication and collaboration.</p>
42	Information delivery and automatic statistical management system	<p>Beijing Huidian Technology Development Co., Ltd.</p> <p>It provides remote collaborative office system functions, including official documents, meetings, supervision and knowledge management, and supports enterprise information collection and submission management, including information collection template design, information collection task distribution, task receipt and report, task feedback tracking, task change, and information automatic summary functions.</p>
43	Fazhiyi (Legal Intelligence Transaction) intelligent cloud contract management	<p>Beijing Huidian Technology Development Co., Ltd.</p> <p>Fazhiyi has been deeply engaged in the field of CLM(contract life cycle management) for many years, providing "one-stop" contract management solutions for enterprises in China's top 500 and top 100 enterprises. Product functions include: personal workbench, mutual management contract template management, template online drafting, contract approval, contract anti-counterfeiting printing, contract printing, contract signing, contract supplement, contract filing, contract query, contract statistics ledger, mobile application, etc.</p>
44	263 Cloud Communications	<p>Net 263 LTD</p> <p>Since January 22, 263 launched cloud communication meeting one-stop solution, integration enterprise email, telephone conference video conference and live all products, to the party and government organs, enterprises and institutions, medical institutions, education and the school, such as the provision of high frequency communication cooperation emergency channel, power epidemic prevention and control, emergency command, remote medical, remote office and online teaching. During the epidemic period, it supported a single online teaching session with a maximum concurrency of more than 50,000 people online at the same time, a single teleconference of more than 3,000 square meters, and video conference to facilitate internal and external communication. Recently,263 cloud communications has provided emergency services to over 100 enterprises, educational institutions and 1,000 schools. See: www.263.net</p>
45	Fxiaoke	<p>Beijing Fenyang Technology Co. LTD</p> <p>Fxiaoke is a professional mobile CRM service provider, based on "connection type CRM" unique positioning, with an open architecture, on the basis of the enterprise communication to connect people, business,</p>

		connect the customer as the mission, with CRM, the PRM and SCRM, provide enterprises with internal sales management, sales management and terminal customer management integration solutions. The open communication architecture and interactive business logic help enterprises realise the interconnection between business and communication with external partners and end users and help enterprises build a complete business value network
46	WPS + Cloud office	Beijing Kingsoft Office Software LTD WPS+ cloud office provides enterprises with one-stop office SaaS services, including multi-platform collaboration, cloud storage, collaborative office, mobile conference, enterprise management background and other modules, providing efficient and safe enterprise office solutions to meet the requirements of safe and efficient office anytime, anywhere.
47	Government - enterprise WeChat platform	Beijing Miracles Technology LTD Government-enterprise WeChat platform is a professional office collaboration product for the government and the enterprises, designed to meet government and enterprise internal employees between the mobile communication requirements, more convenient and smooth implementation of office communication, basic features include: instant messaging, electronic address book, procedures for examination and approval, the attendance clock, work plan, work report to internal business such as work, platform through building enterprise internal social networking platform, promote cooperation between each department staff; In addition, the platform supports the power integration of existing business systems, builds an enterprise "micro-application" centre based on mobile Internet, and concentrates the internal office in a unified "virtual office" desktop.
48	Robot process automation platform "UiBot" intelligent dialogue robot platform "Wulai"	Beijing Laiye Network Technology Co. LTD Wulai chatbot helps enterprise customers to build, train and manage chatbot super employees. It has been successfully applied to retail, maternal and child care, tourism, education, communications, automobile and finance. The robots built on UiBot platform can intelligently understand the existing applications of the enterprise through the user interface, and automate routine operations based on rules, such as automatically and repeatedly reading emails and systems, carrying out tedious calculations, and completing tedious file checking.
49	Yunjian	BEIJING THUNISOFT CORP LTD Yunjian is a professional legal video communication product launched by THUNISOFT in response to the requirements of legal video communication scenarios. It is mainly applied in the Internet trial of courts, judicial mediation, remote interrogation of procuratorates and other application scenarios to serve the construction of China's legal system, truly realizing "more legwork for data, less road for the public". During the epidemic period, it supported thousands of courts across the country in providing free Internet access, providing remote hearing for the courts, and providing judicial mediation.
50	Epidemic reporting system	Beijing Whir Network Technology Co. LTD Whir reporting and summarizing system of epidemic situation: to solve the needs of enterprises and institutions to report and summarise the situation of epidemic situation within the unit and to monitor the health and travel trend of employees on a daily basis. 1. Report the daily epidemic situation at the latitude of the molecular unit or department, and automatically summarise the epidemic situation of the whole unit; 2. Daily health status reporting process of employees and automatic summary; 3. Report the travel situation of employees during the outbreak and summarise it automatically.

51	APUS Epidemic statistical system	<p>Beijing Qilin Hesheng Network Technology Co., Ltd</p> <p>The coronavirus is still spreading. In order to further help enterprises and institutions to understand and prevent the outbreak, Qilin Hesheng (hereinafter referred to as APUS) has fully opened its deployment capacity in cloud services and big data technology, and urgently launched the "real-time outbreak statistics system". APUS is a free epidemic prevention statistical system open to enterprises and institutions across the country. Users only need to click the link or scan the two-dimensional code to fill in the epidemic information, with a friendly interface and convenient operation. At the same time, the system not only supports the real-time intelligent management of employees' travel and health status during the epidemic, but also can quickly generate accurate epidemic prevention statistical data, so that enterprise managers can quickly understand the overall situation of employees' epidemic prevention and create favorable conditions for the early victory over the epidemic.</p>
52	Alibaba DingTalk office service platform	<p>Beijing Seglino Office Technology Co. LTD</p> <p>Product launched jointly by Seglino and Alibaba DingTalk, product introduction is as follows: 1. On the basis of DingTalk's digital collaborative platform, integration of government management, medical applications, community service application. It provides a unified management service platform for community residents, community hospital doctors and relevant government departments. 2. The five functional areas include: online organisation, online communication, online collaboration, online business and online ecology. 3. Highlight functions :1) community epidemic management. 2) remote consultation and video-on-demand. 3) one-click group notification message, support message, SMS, robot phone, etc. 4) special group for community residents, support group manager message management for all residents: withdrawal, gag, etc. 4. The following functions are also supported, with limited words, without further details: remote collaborative office, video conference, telemedicine, remote consultation, remote psychological counselling, online education, online games, video on demand, live broadcasting are supported.</p>
53	JinKong office collaboration software	<p>Beijing JinKong Data Technology Co. LTD</p> <p>The software covers collaborative project management, contract management, cash flow information management, etc.</p>
54	Clouder work platform	<p>Beijing Yunzujia Technology Co. LTD</p> <p>Cloud work platform provides a one-stop comprehensive service platform for free working, remote working and flexible working. Enterprise employees can work together online at any time, any place, task collaboration. The platform can help enterprises achieve remote online work, work hour statistics, real-time IM/ video communication, and task distribution/completion tracking through the three communication functions of performance tool, instant communication and task collaboration, which can effectively improve the work efficiency of enterprises.</p>
55	iLinkall VSN	<p>ISoftStone Information Technology Co. LTD</p> <p>VSN is a comprehensive WAN service based on SDN technology, featuring control surface/data surface isolation, centralised management and flexible control. To provide enterprises with simple branch-to-branch, branch-to-data centre, branch-to-cloud on demand wide-area interconnections, and through application-level intelligent routing and acceleration, intelligent operation and maintenance, to build a full-scene interconnection with the best business experience and link efficiency for enterprise customers.</p>
56	Health supervision visual law enforcement	<p>Beijing Mengtianmen Technology Co. LTD</p> <p>Health supervision visualisation emergency command system is using 4G law enforcement recorder, in the law enforcement or the sensitive area of</p>

	emergency command system	remote command and guide the staff on site, and real-time transmit image materials back to the platform, leaders can use video calls via the platform and field personnel, on-site supervision and law enforcement personnel can be remote visualisation calls for coordination between law enforcement and supervision. With the help of fixed video equipment, place crowded places, key places for medical disinfection, places for medical waste storage, and intelligently monitor the density of personnel and the site conditions of key places.
57	Zhumu	Suirui Group Co., Ltd. Zhumu video communication cloud service can not only provide smooth voice and clear video communication, but also provide video cloud conferencing functions such as document sharing, screen sharing, electronic whiteboard and remote collaboration, and make use of the network to allow real-time "face-to-face" communication between staff in different places through audio and video.
58	Cloud SOHO, cloud office conference	Mobile micro world (Beijing) Network Technology Co., Ltd. Cloud SOHO is the world's first office building on the cloud, adhering to the concept of efficient and low-carbon office in the 5G era, making large-scale office on the cloud a reality; Help the enterprise to save 95% of the cost of rent, reduce 90% of the management costs, but also improve the office efficiency of up to 100%. Increase office efficiency by one time, and save 2 hours of commuting time for each person every day. The flexible and free working mode of the company is very attractive to talents. Qualified, welcome to enter.
59	JD Cloud video conferencing system	JD Group Products and services are based on cloud computing, the independent research and development of the unity of the media, cross-platform integration various audio and video communication services in the cloud platforms, fully meet the demand of various audio and video communication of various kinds of application scenarios, to support small and medium-sized enterprises and institutions, application in the enterprise office coordination, remote support, video conference, remote training study, the style of the party, etc.
60	JD cloud desktop office system	JD Group While JD Cloud and AI support JD telecommuting, they also open the sharp tool (cloud desktop) supporting JD telecommuting to enterprises and society in need, and provide free services to meet the needs of enterprises for telecommuting. JD cloud urgently expands capacity, specially opens two cloud desktop resource pools in east China and north China, gives priority to providing free cloud desktop services to medical and health education users and enterprises and institutions in Hubei province, and fully supports remote mobile office.

Part 3: Life navigation information consumption application

(4) Online Education

ID	Product Service Names	Enterprise name and product service description
61	Chinese Huidu Online Intelligent reading evaluation platform	COL Digital Publishing LTD Chinese Huidu is a graded reading platform specially designed for primary and secondary school students, teachers and parents. Based on the standards for book classification, new curriculum standards (new edition) and special education programs, and referring to the dimensions of PISA reading assessment, the platform created the "3+3" reading model, cultivated

		students' interest in reading, subject interest and reading habits, and improved their core reading literacy. The platform utilises large data analysis and processing technology to provide exclusive reading analysis reports and personalised recommended readings. Through refining the core reading and reading questions in primary and secondary schools and practical reading skills, not only to help students enter the examination, but also to lay a solid foundation for the improvement of students' lifelong learning ability
62	Netease youdao quality course	NetEase Youdao Information Technology (Beijing) Co., Ltd. Netease Youdao quality course was the first to offer free winter online courses to primary and secondary students in Wuhan, and later expanded to Hubei province and the whole country. From January 29, Youdao quality course will be free of charge to students from primary schools to senior high schools across the country.
63	Youdao Intelligent Cloud	NetEase Youdao Information Technology (Beijing) Co., Ltd. Netease Youdao Intelligent Cloud provides "free video, broadcast and live teaching system" for primary and secondary schools across the country.
64	Youdao Cloud Note project for the most comprehensive collection of scientific information on coronavirus	NetEase Youdao Information Technology (Beijing) Co., Ltd. Youdao Cloud Notes Contacted the master/science author AXiasan, from Fudan University Press, the author summarised the most comprehensive scientific information summary about the coronavirus in collaboration with 12 editors, Youdao Cloud Note team assisted the author compiled a Youdao Cloud Note link for everyone to share and collect, and received good feedback from the public readers.
65	Netease Youdao children's product curriculum project	NetEase Youdao Information Technology (Beijing) Co., Ltd. Youdao children's English spring student monthly course, Youdao Kada children's programming zero basic training camp, Youdao Yuedu 21 days to improve expression, Youdao Xiaotulin programming thinking training camp, Youdao mathematics opens all VIP questions library.
66	Digital medical visualisation training platform	Ideapool culture science and technology (Beijing) co., LTD. Based on a graphical assets cloud platform, rich resources, visualise the medical content, provide the public medical knowledge popularisation, the medical industry knowledge training platform, to professional medical workers and ordinary people can be intuitive vivid learning medical knowledge, rendering of 3D visualisation, also let originally profound medical information can be accepted by the general public in a more vivid way, improve the public health knowledge, improve personal at critical moments of consciousness and the ability of self-protection and rescue others.
67	Digital creative cloud education platform	Ideapool culture science and technology (Beijing) co., LTD. The digital creative cloud teaching platform includes CGSaaS graphics assets cloud platform and five application software tools. Through the combination of cloud platform and tool software, it can remotely provide abundant visual design resources and design tools for teachers and students in colleges and universities, so as to realise remote teaching and learning and stop classes.
68	Baidu Wenku	Beijing Baidu Netcom Science and Technology Co.,Ltd. Baidu Wenku offers free Baidu Wenku monthly membership to all teachers and students of primary and secondary schools in wuhan. Starting from February 1, teachers and students in primary and secondary schools in Wuhan can get monthly membership of Baidu Wenku with their student id CARDS and work id CARDS
69	Buka online education tool	Beijing Buka Interactive Technology Co. LTD Buka classroom, let knowledge no distance. Through the Internet video education platform of buka classroom, high-quality teacher resources can be

		used to train local teachers, and at the same time, they can be connected with local teachers to connect with students. The Internet classroom forms a double-teacher teaching interaction, so that the best quality education resources can reach the people in need. The Buka classroom plans to connect 10,000 classrooms within five years. Buka classroom, with a stable Internet service provider partners, provides more than 100,000 concurrent teaching platform.
70	Laiyan English Teacher, Laiyan English Student	<p>Kailang Zhixue (Beijing) Education Technology Co.,Ltd. (subsidiary company of Liulishuo Information Technology Co., Ltd.)</p> <p>In order to combine the development of national education informationisation and the needs of the reform of middle school English listening and speaking test, fluent speak has launched a professional English listening and speaking test for middle school students to prepare for the product – Laiyan English. Contains two products for English teachers and students. Laiyan English teacher, is a focus on the development of primary and secondary students English listening and speaking ability of learning software. It use artificial intelligence technology engine combined with oral teaching idea, provides the high quality of English learning resources and diagnostic evaluation scheme for teachers and students, realise "accurate, precise, provides a more efficient English teaching for primary and secondary schools solution".</p> <p>Laiyan English Student, based on artificial intelligence is a middle school students' English listening adaptive learning platform, provide students with fine accurate diagnosis and pre-test training listening and speaking skills. Its special research and development of artificial intelligence English teacher, in accordance with the listening standards of the high school entrance examination, according to each student's points lost link to provide personalised comprehensive training, to help learning test preparation, sprint high scores.</p>
71	China opened University five-minute online course	<p>Beijing Fanzai Times Education Technology Co. LTD</p> <p>“Five-minute online course” is a micro-course learning platform commissioned by the Open University of China and independently developed by Beijing pan-china times education technology co., LTD. More than 37,000 micro-courses covering academic education and non-academic education have been launched, covering culture, science and technology, life, art, sports, society, economy, people, nature, geography and history. The course has the characteristics of small granularity, fine content, diversified terminal carrier and flexible application.</p>
72	China opened University general education course platform	<p>Beijing Fanzai Times Education Technology Co. LTD</p> <p>“General education course platform” is a general education course learning platform commissioned by the Open University of China and independently developed by Beijing Fanzai Times Education Technology Co. LTD. Nearly a hundred courses have been offered in the fields of engineering technology, social sciences, humanities, life sciences and natural sciences. The course design includes four links: guidance, learning, practice and examination, which organically combines knowledge content to help learners learn independently.</p>
73	U-Learning	<p>Beijing Fanzai Times Education Technology Co. LTD</p> <p>The cloud service learning platform provided by Fanzai Times Education provides nearly 100 quality moocs, including ideological and political courses, general education courses and Chinese classics reading courses for primary and secondary schools. At the same time, it provides technical services of network digital teaching environment for all kinds of schools.</p>
74	National e-learning resource centre website	Beijing Fanzai Times Education Technology Co. LTD

		National e-learning resource centre website (NERC) relying on the "construction of network education digital learning resource centre" project of the ministry of education and the ministry of finance, the website provides 67,552 courses and 371,891 media materials through multiple modes of large-scale integration of high-quality digital learning resources from multiple sources and types to promote resource sharing. Resources cover a wide range of fields, including academic education and non-academic education, and a resource system has been formed to meet the needs of diversified resource sharing.
75	Zhixin website	Beijing Fanzai Times Education Technology Co. LTD Zhixin website is suffused with Beijing in the era of education technology co., LTD. In view of the continuing education training professional and technical personnel developed online learning platform, through training curriculum resources co-construction and sharing, for state organs, enterprises and institutions, social organisations of professional and technical personnel, especially the report title, conversion, title series of personnel, to provide professional service of course. Students take a "comprehensive assessment" through the online exam, and complete all the courses from course selection to obtaining the course certificate online.
76	Rixin Learning website	Beijing Fanzai Times Education Technology Co. LTD Rixin Learning website is the professional committee of the national digital learning community education official platform, the platform for the teaching education institutions, community education instruction in the country (services) centre, community education experimental area, demonstration area, digital learning area and other groups provide support and services, integration and sharing community education resources to carry out the resources recommendation and exchange activities, promote resource share and exchange, to promote the sustainable development of community education, to form a learning society with resources service.
77	Shixin website	Beijing Fanzai Times Education Technology Co. LTD Shixin website is a teacher training and learning platform established according to the national teacher remote training institution. Currently, it has launched many types of online learning courses, such as teachers' ethics and ethics, professional ability improvement, teachers' information technology ability improvement, and digital resource development. Courses/live classes are selected through the platform for online training. Customised training programs can also be provided according to various teacher training needs, and online and offline teacher training can be carried out by pooling superior professional resources.
78	Rongzhi cloud exam	Beijing Rongzhi Cloud Software Co. LTD The examination management system of Rongzhi cloud examination question bank contains functions of rapid initialisation of basic information, construction of examination question bank, composition and typesetting of test papers, online practice and examination, marking of test papers, mobile phone query function and data analysis and management. Through this system, test resources of college students are established, and an assessment mode combining online and offline is formed to improve the detection of learning process, realise efficient and intelligent management of course assessment, and improve students' independent learning ability.
79	19 classroom	Offen Education Technology Co. LTD From 2.3 to 2.16,11 IT skills courses will be broadcast for free all day, so that everyone at home can learn practical skills.
80	Geek time [lesson of the day]	The Holding of GeekBang (Beijing) Co., Ltd. The new upgrade of [lesson of the day], it is designed to solve problems for programmers, sharing experience. We have launched "problem-oriented"

		video content products for programmers, inviting professional players in the industry to help users thoroughly solve the problems in work through short videos of about 15 minutes. New lesson every week, through the full category of short video, cover most of the problems in the software development life cycle, help you to solve the problem, fast growth.
81	Hworks	Beijing Huasheng Puxun Technology Co. LTD As an expert in the overall solution of online education, Hworks enables users to quickly launch a unified online education platform including portal display, interactive teaching, student tools, educational management, extension system, system management and other modules without the need of IT technical team. Small YanYun education □ for PC lighting, mobile lighting, micro letter online school school, small applications, APP lighting such as multiple entrances, cross-platform enrolled forms including vod, live broadcast, video conference, to meet different customer needs.
82	Intelligence with "cloud classroom" air classroom	Beijing Beishi Zhihui Technology Co., LTD. Beishi Zhihui's products focus on video recording + live broadcasting + teaching resources + full scene teaching application, to meet the needs of multi-scene application. For teachers, for teaching, lesson preparation, teaching, assessment and communication as one of the one-stop service, teaching space for collection of learning for students, practice, answering questions, measurement, communication, as one of the one-stop service-learning space. For parents for comprehensive understanding of children the growth of interactive services space; For schools for collection of information release, teaching educational administration management, resource management, as one of the integrated service management space.
83	Coronavirus prevention knowledge training network learning platform	Beijing Huayi Network Technology Co. LTD Invited experts to make epidemic related medical courses, two types of learning by mobile phone, computer PC terminal open to the national medical staff to study, to help them in a timely manner to understand the latest health and prevention programs, high clinical treatment ability, reduce the spread of disease around. Since its launch on January 17, 2020, the product has trained a total of 1.4 million medical personnel, covering all provinces in China and highly recognised by frontline medical personnel.
84	Youku - lesson plan at home	Youku Youku and DingTalk announced the launch of a "home-schooling" program, in which teachers can sign up for free live and on-demand teaching tools and children can enjoy healthy and safe online education. On February 10, the "home-schooling" program will officially open, covering all required subjects of K12, as well as general studies of literature, history and science. Classes include open "large classes" for famous teachers and "small classes" for partner schools for their own students. Students can not only log in to the Youku APP for class and interaction through mobile phones and computers, but also watch it on TV.
85	Math plus, including in online education	Tsinghua Tongfang Co., Ltd The Math Plus focuses on the online teaching of mathematics in k12 middle and primary schools. Relying on the teaching resources of the affiliated primary school of Tsinghua university, all the teachers graduated from Tsinghua university and Peking University have more than 10 years of teaching experience.
86	1, Jiayuezhiyue 2, The Music literacy	Beijing pndoo Technology Co., Ltd 1. The " Jiayuezhiyue ": distribution business, mainly engaged in the Numbers on the line for cooperation publishers for digital distribution of a complete set of solution scheme, also known as the user's "personal library", to users for a variety of innovative ways of the combination of online reading experience, at anytime, anywhere, at reading.

		2. "The music literacy": the software is a comprehensive service system of standardised education, course guidance, after-class practice and examination for all music lovers to popularise basic music literacy knowledge.
87	Huoyan Video	Beijing Huoyan visual technology co. LTD Huoyan video is an Internet video platform optimised for 5G network, which can realise network broadcast and on-demand of HD video and VR video. With operational video content management, fov-based intelligent CDN, cloud screen, lightweight content protection and other functional modules, it can distribute high-definition and ultra-clear VR video content to mobile terminals, VR all-in-one machines and other devices, which can be applied to online education, network video, digital exhibition hall and other fields. Also provide VR all-in-one portal software and video playback apk.
88	iQIYI Knowledge	Beijing iQIYI Science & Technology Co., Ltd. IQIYI Knowledge is the knowledge of iQIYI product platform, covering the workplace, interests, finance, foreign languages, literature and history, life, family, art, listening, and other fields, during the Spring Festival iQIYI knowledge will also for the national primary and middle school students □ live & recorded course for free class.
89	Chinese university MOOC (icourse163)	NetEase Youdao Information Technology (Beijing) Co., Ltd. Beginning on January 29th, the Chinese university MOOC platform will provide Massive open online course (MOOC) for free for the national colleges and universities, the number of teaching and learning, according to the support and priority service area of Hubei province colleges and universities. The special live broadcast of MOOC in Chinese universities -- February 2 -- February 12, two live broadcasts every day, covering the four themes of "active response to the epidemic, online course development, teaching theory and practice, blended teaching theory and practice".
90	VIPKID	VIPKID(Beijing Dami Science & Technology Co., Ltd) 1 for the schools and offline education institutions set up threat metres online classroom, for live online platform and technical support, make it easy for teachers to build online classroom; At present, "Weimi online" supports more than 200,000 classes every day, covering a variety of teaching scenarios, such as one-to-one, small class live broadcasting and large class live broadcasting. 2 Donated 1.5 million quality online courses, including priority support for English and math subjects in Hubei province and the children of medical workers who are helping Hubei province.

(5) Cloud Games

ID	Product Service Names	Enterprise name and product service description
91	Cloud VR platform	Beijing Cyber Cloud Technology Co., Ltd. Cloud VR is to introduce the concepts and technologies of cloud computing and cloud rendering into VR business applications. By virtue of high-speed and stable network, cloud display output and sound output are transmitted to users' terminal devices after coding and compression, so as to realise the cloud and cloud rendering of VR business content. Using cloud VR platform by operator double G (home wide + 5 G) networks, to home users for online education, online games, network

		science, digital exhibition, digital entertainment, medical rehabilitation and other related VR application experience.
92	“Quanming Queshen” Chinese Poker, Competition Gaming APP	Beijing Diandi Zhidong Technology Co. LTD A tilt-force production with a variety of games, rich prized entertainment gaming APP.

(6) Video on demand, digital entertainment

ID	Product Service Names	Enterprise name and product service description
93	iQIYI, iQIYI knowledge	Beijing iQIYI Science & Technology Co., Ltd. IQIYI APP is a mobile software that integrates video, social networking, e-commerce, games, mobile live streaming, comics, reading, movie tickets and other diversified life services. Adhering to the brand tenet of high quality, committed to providing users with rich, high definition and smooth professional video experience, and creating an all-round mobile video platform connecting people and services with high-quality net content and diversified and intimate life service attitude. IQIYI knowledge is the knowledge of iQIYI product platform, covering the workplace, interests, finance, foreign languages, literature and history, life, family, art, listening, and other fields, during the Spring Festival iQIYI knowledge will also for the national primary and middle school students live & recorded course for free class.
94	Pico multiplayer cinema	Pico Technology Co., Ltd Pico multiplayer cinema is a social app that allows multiple users to watch movies in the same VR environment. At the Pico multiplex, users and their friends can watch movies, live events and mobile screens. In addition, users can change their avatars and communicate their feelings of watching movies directly through instant voice or sending emojis in the space. Function description: - wonderful blockbusters: there are abundant movie resources in the multiplex, users can watch the movie scenes with their friends large - mobile phone screen: in addition to built-in video, users can also put mobile video application video, such as sky wing video into the screen of a multi-person cinema, watching with friends - find friends to watch with: the official weekly schedule will continue to be published, and videos with specific themes will be shown in the same room - natural communication and interaction: when you enter a room, you can move freely in the space and communicate directly by voice
95	Suning PP Video	Suning Co., Ltd. Excellent games free to watch, members of the film and TV limited time free broadcast.

(7) Live Steaming

ID	Product Service Names	Enterprise name and product service description
96	Digital e-commerce live steaming tool platform	Ideapool (Beijing) culture and technology co., LTD The platform includes four core subsystems: the integrated broadcasting tool, the scene material library, the data statistics system and the interface system. It can support blue/green and color difference match-making, foreground special effects, data graphical display, virtual electronic screen, online video synthesis, character beauty/video special effects, online scene material library, sound effects, live streaming and other functions. Let businesses complete cool online live without professional training, with the help of massive resources, can quickly adapt to the needs of all walks of life live.
97	Suning live	Suning During the epidemic period, the first screen of the PP video home page opened the "war epidemic" section, including relevant news reports, special programs and public service advertisements, which will be updated 24 hours a day and sent to the whole country with accurate information. They will promote the protection knowledge, enhance people's awareness of self-protection and scientific prevention and control, report on the progress and measures of prevention and control in various places, respond to concerns in a timely manner, and clarify rumors. So that users can spread the correct and effective prevention and control measures, transmission of accurate and true epidemic information, actively promote the epidemic remediation of the situation.

(8) Network popularisation and digital exhibition

ID	Product Service Names	Enterprise name and product service description
98	Shuxiang China online reading platform for health	Beijing Baidu Netcom Science & Technology Co. Ltd Shuxiang China health digital reading service is an interactive digital reading service designed for regional schools, libraries, cultural centres and other institutions to build a bookish society (campus). It is deployed in the cloud, and the customer does not need to install and maintain it. Based on Internet technology, huge amounts of high-quality digital resources, can □ for mobile phone, PAD, a variety of terminal PC client and web pages, for whom at anytime, anywhere, by any means, obtain any want to read.
99	Baidu APP	Beijing Baidu Netcom Science & Technology Co. Ltd 1. Launch the channel "fighting pneumonia" and the special page of pneumonia on the home page to help netizens timely grasp the latest and most authoritative relevant information and reports. 2. Release real-time big data reports on the epidemic, including epidemic dynamics, migration maps, popular search and real-time broadcasting. 3. Open the "ask a doctor online service free channel, free for everybody □ for pneumonia related issues online consulting services, and users of Wuhan region matching the doctor first. 4. Set up a zone for "identifying rumours" to help people identify Internet rumours. For example, "Hubei province report, rumour, rumour platform search address card on January 30 morning smoothly online. Search Hubei refuting rumours, Wuhan refuting rumours, Hubei rumours, Wuhan

		<p>rumours, Hubei pneumonia rumours, Wuhan pneumonia rumours and so on can directly enter the platform, can be directed to the province's 59 million residents to the national Internet users to publicise the latest official refuting rumours and epidemic prevention and transmission of the latest information.</p> <p>5. Launch the new type of pneumonia patient inquiry service. The data will be updated in real time based on publicly disclosed data, and users can confirm whether they have been with patients through the service.</p> <p>6. We will cooperate with health China to launch an answer activity on Baidu app. The topic is from authoritative science articles published by health China, China centre for disease control and prevention, People's Daily and other official platforms.</p>
100	Baidu Knows	<p>Beijing Baidu Netcom Science & Technology Co. Ltd</p> <p>Baidu Knows in collaboration with the Chinese Center for Disease Control and Prevention, Health China and Kepu China jointly published the "active protection, protection yourself" theme epidemic prevention and control project, provide users with experts' professional answers on epidemic information.</p>
101	ChineseAll online reading APP	<p>Beijing ChineseAll Education Technology Development Co., Ltd</p> <p>ChineseAll App provides fast and convenient mobile reading service for the users. Users can access all resources in the cloud, including electronic books, audio books, periodicals and newspapers. Download e-books and audio books to my shelf. Registered users and unregistered users can sweep through borrow books on digital reading QR code download the books, listen to my bookshelf. All books can be downloaded and used for life.</p>
102	Leju Changan online interactive exhibition	<p>Terminus Technologies Co., Ltd.</p> <p>Through the development of three-dimensional animation of cultural relics, the dynamic recovery of cultural relics, the use of artificial intelligence, Internet of things and other technical means, Leju changan online interactive exhibition achieves the virtual reality of cultural relics exhibition, dynamic and dynamic combination, multi-directional, multi-angle display of xi'an museum of natural history "Leju changan" exhibition precious cultural relics. To return the old and restore the new, restore the life scene of the cultural relics in the tang dynasty, the audience through the mobile phone scanning code for online exhibition, in the understanding of the past life of cultural relics, but also can put "cultural relics" into the mobile phone to take home.</p>
103	An exhibition of Chinese cultural relics	<p>Vizen Technologies Co., Ltd.</p> <p>In order to implement the guidelines of the state office of the CPC central committee and the state administration of cultural heritage on the prevention and control of the epidemic, effectively reduce the number of people gathered, prevent the spread of the epidemic, and enrich the people's spiritual and cultural life during the prevention and control of the epidemic. Micro view the joint Chinese cultural relic newspaper, use digital China cultural relics exhibition handsets, PC polymerisation cloud digital exhibition platform, integrate the national exhibition form, integrating display panoramic images and 3D VR exhibition, through the museum exhibition to promote the spread, with temporary exhibition in the museum's permanent exhibition digital archive, let users can experience different terminal online virtual digital exhibition, exhibits the story and rich cultural relics.</p>
104	Rushi AI property introduction	<p>Beijing Xiaowu Information Technology Co, Ltd</p> <p>Rushi AI property introduction, such as AI simulation through brokers online speak room scene, from the peripheral details, community, family structure, and the content of trading information four dimensions and</p>

		explain, audio and video synchronisation, efficient and comprehensive understanding of the building and the surrounding, and according to the user browsing behaviour, the history of individuation reading user portrait, big data and combining with shells, satisfy diversified and personalised online to see customers' needs, achieve thousands surface, precise matching scene room.
105	Rushi VR Inspection	Beijing Xiaowu Information technology Co, Ltd Rushi VR Inspection, is a new form of space browse through such as visual VR camera and a 3D scene construction algorithm, sweep indoor 3D model and a 720 - degree panoramic images, real reduction building three-dimensional structure, the information such as family orientation, interior decorating, online
106	Rushi VR Inspection with Guidance	Beijing Xiaowu Information technology Co, Ltd Rushi VR inspection with Guidance, the barriers of time and space are broken. Consumers can connect with brokers through their mobile phones to learn about the housing supply in real time and exchange housing information online. When the consumer wants to see the bedroom, the broker can carry on the operation, the picture moves to the corresponding bedroom, spreads out the relevant explanation, answers the consumer question, as if in person the spot, the spot is taken by the broker to see general.
107	Dr.V AI online platform of science digital exhibition hall	Beijing Tamigroup Technology Co, Ltd All across the country, the current provincial science and technology museum 9 including China science and technology museum, and nearly 300 municipal science and technology museum is Tamigroup clients: Tamigroup provides intelligence robot exhibition theme and artificial intelligence services for these clients. Based on the customer demand, Tamigroup has created a line of popular science education with science and technology museum exhibits intelligence's platform (online digital pavilion) – Dr V's Online science popularisation platform, artificial intelligence, digital exhibition hall reception has to include day now Tianjin municipal science and technology museum, Nanjing science and technology museum, Jingzhou city science and technology museum and so on more than a dozen customers to cooperate. User's phone sweep two-dimensional code can realise online science and technology information and relevant items of scientific knowledge. Platform has six function modules: news, knowledge extends, domestic exhibition, artificial intelligence robot contest, a guest activity, world expo robot platform can also according to the epidemic prevention and control work and now need to do further expanded function, multidimensional channels to epidemic prevention and control of popular science knowledge, peer through online education makes the youth in learning scientific knowledge can learn pandemic protection at the same time. It can also expand the functions of VR science popularisation, online education, digital entertainment and live science courses. People do not have to go out through the mobile phone can experience the science museum on the tour line, learning popular science knowledge.
108	JD online classes and programming courses	JD Group The "online class" is a free public service version of the online teaching platform for public schools and educational institutions in Hubei province. The free time is tentatively scheduled to March 31 (it will be adjusted according to the epidemic situation), with 1000 free courses for each school or institution. "Minecraft my world education programming courses" offer all students an hour "programming" free experience, and to provide the school with free custom packages. At the same time, opens the country

		education resources in the public service system for free, let the children have a smooth transition in the online programming courses during the special period.
109	JD remote family doctor service	<p>JD Group</p> <p>The products and services will meet the public's demand for medical consultation without waiting for the epidemic to pass or taking the risk of being infected by the virus. The remote video consultation service will effectively meet the public's demand for medical consultation. Free to the public during the outbreak, all-weather, full-time GP special remote video services. (free duration: within 24 hours after activation).</p>
110	Online education platform	<p>Beijing Kingsoft Cloud Network Technology Co., Ltd.</p> <p>The function of the platform includes two parts: online class and remote after-class practice. Realise the video conference coordination between the schools, between school staff, between school staff and parents at anytime and anywhere; Realise classroom recording and demand; Realise the function of famous teachers' lecture hall and resource sharing. In addition to being able to attend classes on the Internet anytime and anywhere, online classes can also better present lessons to students in the school's existing video classrooms. Remote after-school teaching practice system for teaching, the school teaching resources management, class teaching space and homework and evaluation, learning to analysis and the Internet, and other functions. Cover all scenes of teaching, learning, examination, evaluation and practice after class to achieve comprehensive learning support. The above system Kingsoft cloud can be deployed in the public cloud or in the government public cloud area of Kingsoft to support the problem of remote teaching caused by students' delay in going to school under the situation of epidemic.</p>
111	Medical cloud	<p>Beijing Kingsoft Cloud Network Technology Co., Ltd.</p> <p>It covers and serves the medical and health system of Chongqing. To effectively cope with the new coronavirus pneumonia outbreak of infection, Kingsoft cloud group National Health Commission emergency outbreak of R&D deployment of the whole city image to Chongqing cloud data and application platform, epidemic report information platform, epidemic special Internet online platform and 4 kinds of information services, emergency supplies management system used in new type of coronavirus infection pneumonia epidemic prevention and control work, efforts to build a "sniper" epidemic prevention line.</p> <p>Epidemic image cloud big data and application platform: including patient image data aggregation, analysis and remote medical services, realising the nearby diagnosis and treatment of patients, effectively distributing patients with fever, and reducing the risk of aggregation and cross-infection;</p> <p>Epidemic information reporting platforms: for grassroots epidemic reporting for easy to use tool, is advantageous for the various medical institutions at all levels to submit the confirmed/suspected/medical observation/beds and other data report summary, support regulators cloud platform based on image of Chongqing medical institutions and medical resources, such as epidemic for decision support.</p> <p>Online diagnosis and treatment of epidemic diseases: help hospitals to carry out online diagnosis and treatment services on the Internet and reduce the pressure of outpatient treatment. For "new type of coronavirus pneumonia", "new type of coronavirus pneumonia" was added to ask the doctor exclusive channel. Patients can quickly find the doctor to consult related questions. Carry out remote case discussion among doctors, and multiple experts can be connected anytime and anywhere to discuss diagnosis and treatment plans online.</p>

		Epidemic emergency supplies management: facing the provincial, city and county levels epidemic prevention and control centre, for a set of emergency supplies inventory, allocation and multistage down to examine and approve dispatch, stock material, daily consumption, demand conditions, concise report and information awake and a series of functions, inventory report in a timely manner, the superior solution area distribution statistics for examination and approval is not timely, as well as large amount of work.
112	Intelligent interactive platform	Beijing Yezhuxing Network Technology Co. Ltd. This patent, intelligent interactive system, is a kind of instrumental products that based on the functional requirements, combined with modular hardware binding of software and hardware, can leverage audio and video interaction from any third party communication system to achieve remote real-time data transmission through general type of audio, video, visual, hearing, touch, mechanical transmission data real-time interactive features. Even though we are separated by thousands of miles, we can walk through the gathering and the eyes. After docking with the function module of mechanical transmission, we can also realise real-time remote control of the virtual moving people or animals. Now the audio and video crossing scheme has been put into the trial phase of epidemic prevention and control, online education, network science, digital entertainment, live broadcasting and other industries.

Part 4: Other information consumption applications

(9) Other public service platforms

ID	Product Service Names	Enterprise name and product service description
113	Meituan buying food	Sankuai Technology Co., Ltd In Beijing, we operate more than 50 stations of Meituan buying food to guarantee the supply and service of three meals.
114	Meituan Taxi	Sankuai Technology Co., Ltd Taxi aggregation platform: for quality, safety, taxi, car service, help people in need quickly docking machine, and can through the large data and artificial intelligence technology, will people travel service demand and life needs effectively The connection.
115	Meituan Food delivered	Sankuai Technology Co., Ltd Beijing residents can use the "contactless delivery" service, which allows riders and users to agree on where to place goods Reduce face to face contact to better ensure the safety of users and riders.
116	Urban artificial intelligence public service platform	JD Group Platform to the provinces city government, enterprises and the masses, □ for a nationwide epidemic prevention material supply chain information and forecasting service, effective response to the outbreak occur during emergency epidemic prevention material shortages, and support to prevent the outbreak response forward, before and comprehensive plan and execute the order. Epidemic prevention and control of the second phase will last iteration scenarios service capability, such as: caring donation service, expert live home and family doctor, etc., at the same time combining AI products "Jingdong intelligent service robot", through the man-machine

		intelligent interactive service, for the general public masses for efficient and epidemic prevention service, aiming at caring donation to the service, through the intelligent robot real time understanding around the material demand situation, through human-computer intelligent interaction at the same time, the donor can be real-time query information in transit, warehousing and logistics to donate materials information, help donors real-time understand donations dynamic information, At the same time, we helped the Red Cross achieve transparent management
117	3D information big data visualisation system	Ideapool science and technology (Beijing) co., LTD No need to write code, visual node logic arrangement, UI design and interactive content ordering of digital content effect are carried out through instrumental operation to realise 3d visualisation function. Can provide 3D virtual simulation data visualisation, information visualisation, real-time interactive information visualisation, such as services, covering the mass media, education, medical treatment, weather, traffic, military, manufacturing, government, and many other industries, information visualisation, public opinion monitoring, surveillance operations, exhibition and other functions.
118	Digital graphics asset cloud platform	Ideapool science and technology (Beijing) co., LTD As a leading image digital assets cloud platform, to the company deep industry experience is accumulated for many years, computer vision tools and platform based on company strategy, combined the technology of big data, gathered, including more than 330 industry classification, image elements, model, animation effects at all levels, the template library, a single number is above all.
119	Baidu Brain	Beijing Baidu Netcom Science and Technology Co., Ltd. Baidu to genetic testing institutions, epidemic prevention centre and scientific research centre, linear time algorithm LinearFold freely all over the world and the world's fastest existing RNA structure prediction website, with up new coronavirus RNA structure prediction speed, so as to boost the epidemic prevention and control. LinearFold algorithm can reduce this new type of coronavirus secondary structure prediction from 55 minutes reduced to 27 seconds, accelerate up to 120 times, save for two orders of magnitude wait for time.
120	HYDO intelligent operation and maintenance big data management platform	Haoyue Group Limited In the backdrop of the safe and reliable, autonomous control, a new generation of HYDO intelligence operations big data management platform focused on operational service life cycle management, operating system, to fully support the godson CPU architecture and domestic for general/and let cloud operations, network services, storage service, host, automatic inspection, operational management services, virtualisation management and a series of services, to help users to promote business system automation and container operations, to deal with more varied and more rapid business requirements.
121	Sunguard	Eversec (Beijing) Technology Co., Ltd. Sunguard is an APP that helps parents manage their children's mobile phones. By installing a kid-terminal APP on their children's mobile phones, they can control their children's mobile phones and guide them to develop healthy mobile phone habits. The functions include: real-time location, remote lock of mobile phone, application control, remote screen capture, homework assignment, and plug-in market, realising fine control, such as banning children from using small programs and children from using WeChat shake, etc.
122	DCC network backtracking security	DCCtime (Beijing) Technology Co., Ltd. 1. Real-time monitoring analysis camera 8000/min

	diagnostic analysis system	<p>2. Based on SNMP level alarm;</p> <p>3. Locate network attacks;</p> <p>4. Monitor abnormal access and track back security events</p>
123	JD emergency resource information release platform	<p>JD Group</p> <p>During the epidemic period, the platform for releasing information on emergency resources was open to the government, enterprises and public welfare organisations free of charge. Can directly dial "400-615-1212" "400-623-0183" in consulting, also can sweep through mobile phone WeChat QR code open small program to use. At that time, 3000 quality suppliers online, the national emergency logistics service support, help the government and medical institutions for the connection of material supply and demand information accurate, fast linkage supply chain each link, litres of whole supply chain efficiency rate, alleviate the pressure of the outbreak.</p>
124	Epidemic prevention and control should be urgent material management	<p>Beijing Kingsoft Cloud Network Technology Co., Ltd.</p> <p>Covering and serving Jiangsu province, Xiantao city and other provinces, cities and counties epidemic prevention and control headquarters.</p> <p>New coronavirus battle of epidemic prevention and control, completes the outbreak logistics security is the focus of the epidemic prevention and control of war victory, the epidemic emergency supplies management system for all levels of National Health Commission (medical group) and subordinate medical institutions, for concentration of emergency supplies inventory, allocation and multistage down to examine and approve dispatch, stock material, daily consumption, demand conditions, concise report and information awake and a series of functions, solve the inventory report in a timely manner, the superior assigned medical institutions approval timely statistics, as well as large amount of work.</p>
125	Haier COSMOPlat medical materials information sharing resource pooling platform for pulmonary inflammation caused by coronary disease virus infection	<p>Haier (Beijing) Digital Technology Co., Ltd</p> <p>The platform can realise the prevention and control of epidemic materials supply and demand information timely and accurate zero distance connectivity and help the epidemic area demand and production enterprise supplies higher precision higher efficiency of matching, as well as the government supplies allocate support for data, a force of support area material support. The platform aims to solve the problem of material release and inconsistent demand information. Help organise the required medical supplies production, precise high production capacity and efficiency, for raw materials procurement, logistics, transportation and other services.</p>
126	Comprehensive service platform for enterprises after JD epidemic	<p>JD Digital Technology Co., Ltd</p> <p>1, For convenient and efficient for the government enterprises epidemic reporting tools, serving the government related department to a baseline evaluation, collecting enterprise support requirements.</p> <p>2, through the "enterprise application information + the big data + industry data combination, uses the means of big data to a single enterprise, industry chain enterprises, regional gathering such as multi-level outbreak impact assessment, and for economic policy vibration for support.</p> <p>3, establish a one-stop comprehensive service platform of small and medium-sized enterprises, covering enterprise financial services, leasing services, enterprises purchase services, marketing services, make full use of big data technology, the social credit system precision casting enterprise help, alleviate the pressure of the outbreak of micro, small and medium enterprises impact cash flow, help enterprises to survive.</p>

“Working together to fight the epidemic, Beijing Information Consumption Application Guide”

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