

Prevention, Control and Management of Drug-related Crime in the Form of "Internet+Shipping"

Qian Guo

Southwest Petroleum University, Chengdu 610500, China

Abstract: As a new manifestation of drug crimes in China, the "Internet+Shipping" form of drug crimes has new characteristics and brings new challenges to the governance of drug crimes in China. In view of the current "Internet+Shipping" form of drug crime governance, there are problems such as lack of implementation of shipping security, loopholes in security supervision, difficulty in detecting drug trafficking facts, and difficulty in collecting and fixing evidence of drug trafficking, and it is proposed to enhance the main responsibility of the shipping enterprises, strengthen the supervision of all parties, enhance the detection ability of network drug trafficking, and build a collaborative pattern of investigation and prevention to combat Internet drug trafficking. It puts forward prevention and control and governance strategies to enhance the main responsibility of sending and delivering enterprises, strengthen the supervision of all parties, improve the investigation ability of Internet drug trafficking, and build a collaborative pattern of investigation against Internet drug trafficking, so as to improve the effectiveness of China's drug crime governance.

Keywords: Internet Shipping; Drug Crime; Dark Web.

1. Introduction

In recent years, China's express delivery industry, like the fast food industry in general, has become an exceptionally "hot" industry, the radiation area and service population continues to expand. According to the data of the 2023 Postal Industry Development Statistics Bulletin, the postal industry's delivery business volume reached 162.48 billion in 2023, an increase of 16.8% year-on-year. Among them, the express delivery business volume completed 132.07 billion pieces, a year-on-year increase of 19.4%. [1] At the same time, China's Internet and big data have also gained great development, bringing great convenience to people's life and production. As a social phenomenon, drug traffickers are also exceptionally agile in their reaction and application of new things. They will express delivery industry opened up into the drug trade "grove", so that it is also invariably become a drug trafficking accomplices, and in the context of the Internet, drug traffickers means are also deeply affected by network technology. As traditional network transactions become more complex, Internet virtual platforms, forums and groups have become new trading venues for drug trafficking. Drug traffickers make use of public platforms on the Internet to implicitly release information on the sale and purchase of drugs or use pre-agreed coded language, and then use courier channels for drug trafficking and transportation after delivering the drug money using virtual currencies. Drug crime as China's "Criminal Law" has been the object of severe combat, with the accelerated development of the Internet as well as the express delivery industry, drug crime has also shown a new form, making drug trafficking and the Internet inseparable, to China's drug crime governance has brought new challenges. "Internet + delivery" form of drug crime cases as China's governance of drug crime facing new problems, in the context of cracking down on drug crime, how to put forward the corresponding prevention and control of new drug crimes and governance strategies, has become a problem we need to pay attention to, for the study of the problem for the curbing of this kind of drug trafficking is also

of great importance. The study of this issue is also of great significance for curbing this kind of drug trafficking.

2. Characteristics of Drug-Related Crime in the Form of "Internet + Delivery"

2.1. Highly Stealthy

The anonymity and virtual nature of the Internet determine the secrecy of online drug trafficking. The traditional drug trafficking behavior is to pay with one hand and deliver with the other, which makes both buyers and sellers easy to be exposed. Therefore, in order to avoid the exposure of their own behavior, buyers and sellers before the real transaction will be a number of maneuvers to test each other's bottom line and the real identity. However, with the development of the express delivery industry and the Internet, the form of drug trading has changed. The current drug trade is mainly online in advance, and then transported by courier. First, the Internet has anonymity. Due to the insufficient advancement of China's network real name system, drug traffickers in the use of the Internet for drug trafficking is often anonymous, not only most of the accounts involved in the temporary application, a use of the characteristics of the account, and a person can also register multiple accounts, can be used without the use of the account logging platform, which makes for the real information of the criminals and the real identity of the real considerations. Second, the Internet is virtual. In the surface network, the network operator can determine the IP address, so as to lock the specific location of the criminal suspect in the real world. However, due to the variability of the IP address, the actual address of the drug traffickers in real life and the IP address does not have consistency, often making the IP address A, while the criminal suspect to carry out criminal activities in the B place. And more and more drug traffickers began to use the darknet for communication and liaison, the darknet uses anonymous communication technology, can only detect the user connected to the darknet and the size of the communication flow, can not identify the

user's IP address, detect the content of the information, tracking the user's communication behavior [2], the ability to lock the suspects through the IP address is also invalid. In addition, in the process of online transactions, drug traffickers further use cryptic language and secret language to communicate, with the development of network language, the diversity of drug-related cryptic language is also increasing, in addition to text, more and more cryptic language is in the form of letters, numbers, emoticons, symbols and other forms, making network drug trafficking activities more covert [3]. Moreover, with the enhancement of drug traffickers' anti-detection consciousness, buyers and sellers change the traditional bank transfer to WeChat, Alipay and other third-party payment platforms to complete the transaction, and what's more, they use virtual currencies to carry out the transaction [4], and then give the drugs to unknowing distributors for distribution, which greatly increases the covert nature of drug trafficking behavior. The secrecy of the transaction makes it difficult for public security organs to capture the whereabouts of suspects and discover drug-related clues, creating obstacles to China's fight against drug-related criminal activities.

2.2. Profitable

In a traditional drug transaction, as drugs need to be carried in human flesh, the seller often needs to have his men carry the drugs to the agreed place of transaction. When a drug deal is successfully completed, not only do you need to pay your henchmen the appropriate labor fees, but if the distance is relatively far, there are also transportation fees, food and lodging, etc., which makes the cost of a drug deal higher. If you are caught in the middle of a drug deal, you will also need to pay for the support of the family members of your underlings in order to keep your mouth shut. Therefore, in the traditional form of drug trading, the buyer's profit is not only compressed to a certain extent, but more importantly, it is more troublesome. With the development of the Internet, it has become a reality for drug traffickers to communicate with the lowest level of drug buyers, who talk about the price of drugs, the way of transaction and other matters in advance on the Internet. They then send the drugs to the buyer's specific address through the form of mail delivery. This way of transaction avoids the risk of being discovered through human carrying, and more importantly, eliminates the need for constant transfer and inspection in the middle of the process, and avoids the "middleman earning a difference in price", which greatly reduces their transaction costs and improves their earnings. Even if the drugs are seized by the police in the middle of transportation, because the recipient is anonymous, the police can't find them, and only part of the drugs will be lost, with no other harm.

2.3. High Risk

Traditional drug trafficking relies mostly on human carriers, not only is the flow of drugs relatively restricted, but in the process of transporting drugs it is also necessary to carry the drugs from the place of supply to the place of demand through layers of security checks, and if any part of the process is discovered, it will face the risk of losing both human and financial resources. In the process of network drug trafficking, many links in traditional drug crimes are eliminated, simplifying the criminal process. Especially relying on the rapid development of the shipping industry, diversified shipping channels to a certain extent to meet the different

shipping needs of criminals, to achieve the separation of drug owners, the separation of drugs and drug money, to reduce the risk of exposure of drug trafficking behavior. As long as through the receiving and sending inspection link, is equal to enter the safe channel, there is no longer any link for detection and inspection, even if a certain link is found, other links of the suspects will be difficult to find and forensics. And in the process of sending, drug traffickers will also change the drugs, usually using steel, ointment, tea, antiques and other types of items as a carrier to hide the drugs, and through scientific and technological means of the drugs are camouflaged, compressed to avoid the search [5], to achieve the purpose of evading the crackdown, and the risk of being captured is greatly reduced.

3. Status of Drug-related Crime in the Form of "Internet+Shipping"

3.1. Rising Number of Crimes

According to the China Drug Situation Report 2022, it can be seen that in 2022, a total of 35,000 drug crime cases were solved, 53,000 suspects were arrested, 21.9 tons of various types of drugs were seized, and 197,000 drug addicts were investigated and dealt with, a year-on-year decrease of 28.6%, 24.3%, 18.7% and 39.7% respectively. The overall drug situation in the country is positive and continues to improve, with illegal and criminal drug activities dropping to the lowest point in nearly 10 years, and the scale of drug supply, drug consumption and drug abuse continuing to decrease. Meanwhile, a total of 27,000 cases of smuggling, trafficking and transporting drugs were solved in 2022, 41,000 suspects were arrested and 10 tons of drugs were seized, down 29.9%, 31.7% and 29.3% year-on-year, respectively [6]. While the number of drug crime cases as well as smuggling, trafficking and transporting drug cases has decreased significantly across the country, due to the continuous improvement of logistics infrastructure and the continuous development of the Internet, drug trafficking activities using new technologies, new modes and new forms of business on the Internet have increased significantly, and the domestic drug problem has also seen new situations and new trends. According to data from the China Drug Situation Report 2022, 2,761 cases of Internet drug trafficking were solved and 1.2 tons of drugs were seized in 2022, an increase of 119% in the number of seizures year-on-year.

3.2. Wide Range of Cases

In the various links of the traditional drug crime chain, the secrecy of criminal acts makes them less visible to outsiders. However, in the era of big data, the development of social software has provided a more convenient communication space for network drug criminals, who can not only adopt a "fixed-point" approach to push information to specific targets, but also adopt a "casting net" approach to disseminate information to unspecified groups, thus enabling drug trading activities to combine both point-to-point and point-to-point modes, thus making it possible for drug dealers to realize the combination of point-to-point and point-to-point modes. Drug criminals can both adopt a "fixed-point" approach to push information to specific targets and a "cast-net" approach to disseminate information to unspecified groups, realizing the combination of point-to-point and point-to-point modes, thus enabling drug trading activities to be completed in a relatively short period of time and without the limitations of time and

space [7]. Drug criminals use the Internet as a medium, release drug sales information through all kinds of chat tools, and transport drugs through the way of logistics delivery, it can make a lot of people can complete the drug transaction without leaving home. At the same time, due to the strong spatial and temporal, cross-regional characteristics, the current drug transportation crimes have broken the traditional economically developed regions or system areas as the center to the surrounding regional restrictions on penetration, with the help of express delivery of drug hazards radiated to all regions of the country, this "space-time compression" for drug traffickers to carry out cross-border drug transportation provides a convenient, multiplying the harm of the crime. This "compression of time and space" facilitates cross-border drug transportation by drug traffickers and multiplies the danger of the crime [8].

4. Dilemmas in the Governance of Drug-Related Crime in the Form of "Internet + Delivery"

4.1. Postal Security Inadequate Implementation of the System

On the one hand, although China's laws stipulate in principle the "three hundred percent" mode of operation in the logistics and delivery industry, but with the increasingly fierce competition in the express delivery industry, the implementation of this provision in practice is worrying. Part of the courier company in order to capture the market, grabbing customers, to enhance their own efficiency, often performance and business volume linked. And under the premise of ensuring that the package is intact, the speed of transportation of parcels has become the core of the competition. This also causes part of the courier company in order to pursue the effectiveness of obtaining economic benefits, only focus on the parcels in a faster time to the hands of customers, and for the real identity of both sides of the sender does not carry out a careful review of the content of the sender is not concerned about. Make in the process of receiving and sending neglect the supervision and management of parcels, light system security implementation. On the other hand, the safety awareness and response ability of the mail delivery practitioners is insufficient. The treatment of courier boys as well as the working environment creates the inability to attract high-quality talents, and most of the practitioners have lower education. Due to their lack of professional knowledge, it is difficult to recognize the drugs that have been carefully disguised by criminals, and a considerable portion of the personnel's security awareness is not strong, for the inspection of parcels and the verification of relevant information are more lax. The ability to prevent the awareness of illegal and criminal mail delivery needs to be improved, and individual staff members, in order to improve work efficiency and solicit customers, take the initiative to propose to complete the mail delivery activities in the dead corner of the network video surveillance when the customers forget to bring their identity proofs [9]. Practitioners to ensure the security of mail delivery enthusiasm is not high, and some even use the convenience of work to participate in the mail delivery of drug crimes, which undoubtedly provides both sides of the drug trade to take advantage of the opportunity. It makes it more difficult for the investigating authorities to find the suspects

once the case has occurred, which undoubtedly points out a convenient road for drug traffickers to express drugs.

4.2. Gaps in Safety Regulation

First, the strength of network supervision is weak. Network platforms, as the most important managers of network activities, have the obligation to review and eliminate the information released by users, but the fulfillment of this obligation by network platforms is obviously not yet in place. In order to avoid the investigation of the investigating authorities, the current drug criminals generally use secret language in the process of publishing drug trafficking information on the network platform, calling drugs as all kinds of ordinary food that we see in our daily life. And with the rapid development of network language, drug-related code words are also constantly updating and iterating, in addition to more in the form of text, more and more code words in the form of emoticons, symbols or letters and so on. However, the current network platform has not established a corresponding monitoring and identification mechanism for drug-related cryptic language, resulting in more covert drug-related activities on the Internet, which in turn increases the blind spot for law enforcement officers to discover drug-related clues and combat drug-related criminal activities.

Secondly, there is a regulatory blind spot for new forms of delivery. With the rapid development of the logistics and delivery industry, new forms of delivery continue to emerge, including direct delivery and intelligent express cabinets, including a variety of parcel delivery forms have been developed vigorously. But with the rapid development of the shipping industry is in marked contrast to the weak regulation of the shipping industry. Among them, due to the intelligent express locker only need to fill in the cell phone number can use the temporary storage function, lock criminals there is a certain degree of difficulty, although the intelligent locker next to the monitoring, but the express locker monitoring will be regularly covered, if the interval is longer, it is difficult to retrieve the monitoring video, to the investigation to bring obstacles. And, although the courier cabinet in the user agreement and prohibited items stored in the description of the clear provisions of the "strictly prohibited in the cabinet storage of illegal and toxic substances", but the intelligent courier cabinet is not the function of verification, temporarily unable to put in the review of the items, undoubtedly also let this regulation in form, but also to the logistics of drug trafficking investigation has brought greater Difficulties.

4.3. Difficulty in Detecting Drug Trafficking Facts

First, it is difficult to detect drug trafficking involving the Internet. As in most other cases, there are no legally significant victims, informants or crime scenes in Internet drug trafficking cases, which is a typical "three no's" crime, and it is difficult to initiate a case in this regard, generally relying on investigators to take the initiative to find out. In the context of drug crime network, drug buyers and sellers communicate through online platforms, drug transactions are completed in a "one-on-one" hidden environment, and generally will not be known by third parties other than the two parties to the transaction [10]. As mentioned above, more and more drug traffickers have begun to use the darknet to carry out transactions, making the occurrence of criminal behavior more covert. Although it is not excluded that netizens, in the process of using the Internet, may find that there may be

suspected drug trafficking situations and report them, but this can only provide a little clue for the initiation of the case, and cannot play a substantial role in the detection of the case. As a result, it is difficult for such cases to be initiated and investigated in a timely manner, as is the case with other cases, seriously affecting the depth of the fight against this type of crime.

Secondly, it is difficult to detect the full chain of criminal facts. It is difficult to verify the complete transaction chain of drug crimes, and the facts of crime are fragmented and incomplete. In the case of "network + delivery" drug crimes, as criminals no longer practise the "one hand pays, one hand delivers" model, drugs and drug money are delivered separately and at staggered times. There is only a simple one-line contact between the drug trafficker and his or her superiors and they follow his or her instructions, while the traffickers have almost no way of knowing the organizers and other criminals at a higher level, and they are not allowed to ask each other about them [11]. Once the crime is committed, for the investigating authorities, the investigative clues will be broken when they reach this step, and there will be great difficulties in accurately locking the suspects. The upstream sellers in the drug trafficking chain are made to take advantage of the opportunity to escape in many cases, and the public security authorities only catch the middle and lower ends that can be replaced. Most of the people seized were drug buyers and transporters, and the real drug sellers and upline were not easy to identify clearly. In some cases, the public security authorities have limited or fragmented clues, and need to break through the suspect's confession to obtain details of the drug trade, but the suspect often refuses to give an account, or the information they give is very limited, such as only providing the code name and nickname of their superiors, and avoiding more detailed personal information and contact information. Under such circumstances, the whole process of detection is difficult, from the discovery of the facts of the case, the verification of the real identity of the people involved, to the ins and outs of the drug money, the extraction of relevant evidence, and finally the locking of the crime site and the arrest of the people involved in the case. The real drug sellers and upline were hidden in the real world and could not be verified, and the facts of the whole case could not emerge in a true and complete manner.

4.4. Difficulty in Collecting and Securing Evidence of Drug Trafficking

First, it is difficult to discover and obtain evidence of drug trafficking. On the one hand, some drug criminals use offshore websites to download and register TG software, then use the platform to create chat groups and publish drug trafficking information in them. Chatting tools similar to TG have various features such as burn-after-reading and no third-party supervision, so the relevant transaction records cannot be obtained in a timely and effective manner. On the other hand, the two sides in the transaction process began to choose the virtual currency for payment, and similar to bitcoin, Litecoin, Monroe Coin, such as virtual currency payment system itself has a certain degree of complexity, enough to resist the ordinary detection activities, coupled with some of the darknet market and even provide bitcoin coin mixing services to hide the real destination of the bitcoin, resulting in the public security organs want to darknet environment of the drug trafficker This makes it almost impossible for public security authorities to directly arrest drug traffickers in the

darknet environment. In addition, some criminals have begun to use blockchain technology to conduct drug transactions through smart contracts, which are established to allow trusted transactions without a third party, with automated code running on a distributed platform without central authority, replacing laws, intermediaries, and interpersonal relationships as the vehicle for trust realization [12]. That is to say, the actor only needs to digitally formulate a contract and publish it on the network, and any third party will automatically trigger the contract as long as it follows the tasks set out in the contract and transports the drugs to a specific location by mail, and then the corresponding remuneration will be credited to a specific account in the form of virtual currency. This kind of transaction behavior differs from that in traditional networks in that there is no third party to provide a basis of trust, and a completely new way of transaction is constructed.

Secondly, it is difficult to transform and fix evidence of drug trafficking. In the case of "Internet+Shipping" drug crimes, electronic evidence is indispensable to the determination of the case. Generally speaking, electronic evidence refers to the digital form of storage, processing, transmission and can prove the facts of the case of data, such as chat records, transaction records and so on. Although electronic evidence can more clearly show the facts of the case, but in practice, the transformation of electronic evidence fixed face many problems. First, electronic evidence is easy to destroy and difficult to correct, criminal suspects to avoid investigation, often delete the cell phone stored in the call, chat records and other electronic data, or will be destroyed, it is difficult to carry out data recovery. Secondly, criminal suspects will utilize offshore software for communication, which will easily lead to the elimination of traces of criminal communication, and the chat records shall not be forwarded, making it difficult to fix electronic evidence. Although part of the software does not have the function of read and burn, can leave a certain amount of electronic data, but with the drug traffickers anti-detection consciousness, they will use professional technology to encrypt these technologies, the key is in the hands of the personnel involved in the case, in the absence of the capture of suspects, even if the collection of the relevant data, but also very difficult to crack in a short period of time, and will be effectively transformed into a fixed. And some criminals will also give electronic evidence to set anti-explosion function, once the input password reaches the upper limit, electronic evidence will disappear. Third, there are electronic data extraction process is not standardized, easy to lose the problem. For example, when conducting on-site inspection of the suspect's residence, the computer, U disk and other electronic data carriers are missing, or lack of seizure transcripts and seizure lists; when accessing the suspect's chat and transfer records, investigators often fix the evidence in the form of pictures, or only part of the content is intercepted, which is very likely to lead to the omission of key evidence.

5. Directions for the Prevention, Control and Management of Drug-Related Crime in The Form of "Internet+Shipping"

Internet mail drug crimes pose a great challenge to drug governance, and we should be prepared to coexist with them, think far ahead and long term, formulate governance strategies at the national level, and take effective measures to

completely eradicate the soil of crime. The following are a few suggestions for improving the prevention, control and management of drug-related crimes in the form of "Internet+Shipping":

5.1. Enhancement of the Main Responsibility of the Sender Enterprises

To punish drug crimes in the form of mail delivery as an afterthought is not the value goal we pursue, but only a means to pursue the value goal, so that drug crimes no longer occur is our way of governance. Corporate compliance can make up for the lack of national governance capacity, change the one-way governance of the state for the two-way governance of the state and the enterprise, change the reliance on the state from the external promotion to the combination of the state's external promotion and the internal promotion of enterprises, and ultimately play the effect of crime prevention [13]. The express delivery industry is an important channel for drug trafficking, so it is necessary to strengthen the main responsibility of the enterprises in the express delivery industry and carry out enterprise compliance. First, the development environment of the courier industry is sound. Should strictly regulate the express industry enterprise market access standards, improve the threshold, the existing express enterprises in the unregulated enterprises to be banned, and the implementation of the penalty of life shall not be allowed to operate, for the standardized, standards-compliant enterprises to implement the detailed registration and filing, the realization of the responsibility of the person, can be more timely and accurate to find the corresponding courier logistics enterprises [14]. Industry and commerce administration as the market supervision and administrative law enforcement departments, bear the responsibility of supervision and management of all kinds of subject registration and business, should strengthen the review of the qualification of the main body of the logistics and delivery industry, for the main body does not meet the relevant requirements to prohibit its entry into the industry, and for the industry inside the enterprise to strengthen supervision, for the problem enterprises should be timely required to carry out rectification, and can be outlawed if necessary. Its business qualifications. For the mail delivery enterprises in the security configuration and process problems, it is necessary to increase the goods inspection and security check link investment, improve the mail delivery enterprises and related outlets hardware, software requirements, and urge them to continue to implement the "three systems". Secondly, improve the safety prevention ability and responsibility awareness of employees. For safety prevention ability, in the recruitment of new employees, you can set a certain threshold of access, job seekers in the interview, you can carry out its drug knowledge understanding of the degree of testing; for the staff, improve the relevant training system, the development of a reasonable practitioner assessment system, according to the results of the assessment of the promotion of positions. From time to time, we can invite public security and judicial authorities to carry out preventive awareness of drug crime prevention and the ability to cope with emergencies for employees in the mail delivery industry, and to enhance their legal concepts through the interpretation of the law in cases. And the popularization of drug knowledge and training, improve their ability to identify drugs, drug testing, enhance the security of the delivery personnel to prevent the ability to effectively block the flow of drugs. In addition, the logistics and delivery industry should also do

a good job of managing the delivery personnel, establish a directory of employees in the delivery industry, and update the directory in a timely manner to ensure that the "bottom line", "the situation is clear", and the real-name information checking in place [15]. For the enhancement of the awareness of responsibility, on the one hand, they can be trained, so that they develop a sense of responsibility, on the other hand, you can formulate a relevant system, such as the establishment of the "who receives and sends, who is responsible for" principle, to supervise the distribution staff to strictly implement the system of receiving and sending, and the person in charge of the problematic parcels of the delivery of penalties, to prevent the flow of drugs into society through the management loopholes.

5.2. Strengthening of Regulation by All Parties

First, strengthening the regulatory responsibility of network platforms. As the main tool for criminals to carry out network drug trafficking activities, the network should enhance its own initiative in drug crime governance and build a platform governance mechanism for network drug crimes. In terms of specific obligations, network platforms should take the network security law as the basis, draw on practical experience, take the initiative to supervise drug trafficking information on network platforms, and establish a 24-hour inspection mechanism for sensitive information appearing in the network. At the same time, the network platform should establish an automatic identification model for drug-related cryptic language, through which it can automatically identify drug-related cryptic language appearing on the Internet, and block sensitive words that may appear, prevent the appearance of such words, and limit the flow and dissemination of such words. At the same time, the reporting channels for clues related to darknet transactions will be opened up, and the channels for criminals to log into the darknet will be cut off through effective regulatory measures, so as to ultimately achieve the purpose of purifying the cyberspace. In addition, the network platform for dereliction of duty to improve the relevant penalty mechanism, so that the network platform can do their best to fulfill their obligations. China's "Network Security Law" stipulates that network operators have the obligation to supervise the information released by users and the obligation to report illegal and criminal information, and also stipulates the administrative responsibility for violating the above obligations, while the "Criminal Law" stipulates the crime of refusing to fulfill the obligation of information network security management for network service providers. In order to better motivate network platforms to strengthen technical inputs to better fulfill the relevant obligations, it is necessary to try to introduce the regulatory mode of "online order" based on the provision of "order to correct" in the crime of refusing to fulfill the obligation of information network security management, so as to rationalize the relationship between administrative law and criminal law in social governance. It is necessary to rationalize the relationship between administrative law and criminal law in social governance, ensure the linkage and coordination between administrative penalties and the application of criminal penalties, maximize the activation of the advantages of administrative law governance, and abide by the modesty of criminal law.

Secondly, to increase the supervision and effectively strengthen the safety supervision of mail delivery. China should not only realize the normalized supervision of the mail

delivery industry, but also carry out special actions for safe mail delivery from time to time. The postal sector should be organized to carry out the implementation of the "three systems" for the implementation of special rectification, for the problems of enterprises to be strictly punished, and unswervingly adhere to the policy of crackdown. In view of the regulatory loopholes in the new mode of delivery, it is recommended that the delivery enterprises themselves should continuously strengthen the supervision of different forms of delivery, and at the same time discuss with the relevant regulatory authorities to introduce unified management norms, and penalize the violation of the provisions of the act.

5.3. Enhancing Investigative Capacity in Cyber Drug Trafficking

First, the capacity to collect evidence and analyze and adjudicate cyberdrug crimes should be strengthened. First, strengthen the collection of intelligence on network drug trafficking cases. The investigating authorities should increase their monitoring efforts and upgrade the network monitoring and supervision system. When handling such cases, investigating authorities should adhere to the principles of advance network deployment, immediate warning and accurate tracking for drug crimes occurring in cyberspace, and utilize scientific and technological means to effectively deploy and control the dissemination of drug crime-related information and criminal consensuses on network platforms, especially for the control of interconnecting Internet spaces, so as to grasp the initiative in investigation work [16]. At the same time, it is also necessary to strengthen the collection of drug trafficking intelligence information and maximize the search for relevant clues and evidence. Secondly, the information obtained from the cell phone will be analyzed and judged. Not exactly the same as the investigation of offline drug trafficking cases, network drug crime investigation has its own particularity, the information collected can only be analyzed by analyzing whether there is a correlation between them, and how they are related to each other in order to be able to make a correct judgment, so that the investigation of the whole case in the right direction.

Secondly, to strengthen the conversion and fixation of electronic evidence. First, the timely fixation of electronic evidence. If the grasp of the perpetrator to use a short period of time to read the incineration function of the software, should be the first time to log on to its account, for its unread data can be found from the database table to the relevant records, in the evidence before the loss of completion of the transformation of electronic data. For the inability to seize the storage media, can be extracted by remote survey, and issued a statement of the situation, the entire audio-visual recording, the production of remote survey transcripts, to protect the homogeneity of the evidence. Secondly, the level of decryption technology should be improved, and the electronic evidence involved in the case should be decrypted and transformed in a timely manner. The secrecy of network drug trafficking cases causes investigating authorities to intercept transaction records, chat traces, the flow of drug money and other relevant electronic data, but also due to the weak correlation can not be transformed into evidence to use. Therefore, in the process of handling the case, it is necessary to carefully review the cell phone address book, contact information, cross-comparison of the correlation between the relevant numbers, WeChat, nicknames, to lock the identity of the person involved in the case; through the WeChat chat logs,

voice in the "code words", pick-up code, etc., to find out the details of the transaction, presumed to be subjective knowingly; from the text messages, logistics, shipping and circulation records of the deep excavation. From the text message, delivery and circulation records to dig deeper clues, investigate whether there are other transactions; access to bank transaction water, Alipay account, review the transaction process with the up and down the family and drug money payment. As for the electronic evidence in cyberspace, it is necessary to strengthen the application of blockchain technology, crack the drug-related code words or secret words in time, and realize the effective transformation of electronic evidence.

Thirdly, the professional quality of personnel should be upgraded and the use of technical means should be strengthened. To a certain extent, network drug crimes belong to the high-tech field of crime, for the investigative organs of the investigation and evidence collection have put forward certain technical requirements. However, the current investigation team in China, especially the investigators of the grassroots public security organs, do not have better knowledge and skills of network informatization. Therefore, in order to carry out an effective fight against Internet drug crimes, we should train talents in this area and cultivate investigators who can skillfully use Internet technology. So that the investigators in the process of dealing with drug trafficking involving the Internet can enhance the efficiency of the fight against crime as well as accuracy, according to the Internet this line to obtain more evidence and detect the entire crime chain. "Internet + delivery" form of drug crime, because of its closer links with the Internet, so whether in the discovery of drug trafficking clues, or in the process of investigation, need to utilize certain technologies for search and investigation. Therefore, investigating authorities in the process of investigating cases also need to introduce certain advanced technology, the use of advanced technology to realize the full range of drug crime investigation, so as to comprehensively combat network drug crime.

5.4. Building a Collaborative Pattern of Investigations to Combat Drug Trafficking on the Internet

First, Strengthening the capacity for collaboration between investigative agencies. On the one hand, it is necessary to strengthen collaboration between different regions. Drug crimes in the form of "Internet+Shipping" may be suspected in multiple administrative regions due to the wide range of cases involved, so in order to detect such cases, anti-drug law enforcement departments in different regions should strengthen cooperation and communication, and work together to crack down on drug crimes. The following are some examples of how to combat drug crimes Reciprocal communication of information between different regions should be carried out, for the same person's drug crimes, if different regions have found criminal clues, to determine the jurisdiction of the region in a timely manner, the rest of the region will be collected in a timely manner for the transfer of information, and with the jurisdiction of the investigative organs to carry out investigations, to avoid the face of the waste of police because of duplication of investigation, but also unable to effectively combat the network of drug-related crimes and offenses. Similarly, for the same drug crime, different police departments should also cooperate with each other. For example, for drug crimes involving the Internet, the

network police to cooperate with the anti-drug police, the network police will be collected on the network crime related information to share with the anti-drug police, so that the anti-drug police can be more multi-faceted understanding of the entire criminal situation, in the two kinds of police to cooperate with each other based on the other kinds of police in the necessary to give some assistance, and strive to fight against illegal crime of different kinds of police can play their own advantages, the various kinds of police to the police, the police will be able to play their own advantages, the various kinds of police to the police. The strengths of the different police departments in the fight against crime can be utilized, and the strengths of the various police departments can be integrated to form a synergy in the fight against crime.

Secondly, the capacity for collaboration between investigative authorities and enterprises should be strengthened. In order to break down data barriers, it is urgent for investigative authorities to build a data-sharing mechanism with enterprises to ensure the efficient operation of the coordination mechanism between investigative authorities and enterprises. Specifically, the investigative authorities should dock the database of the network delivery platform with the database of the network security supervision department to form a huge shared chain database, and establish a corresponding early warning mechanism for sensitive groups of people with a history of drug use and drug offenses, so as to provide data support for judicial blockchain forensics. The reason is, similar to the transaction records, chat traces, the flow of drug money and other "Internet + delivery" type of drug crime original evidence basically stored in the network platform and delivery platform data terminal, the platform database and regulatory database docking, can be synchronized in real time to the electronic evidence involved in the case of the network security regulatory departments of the database, to prevent the loss of the original electronic data. Prevent the original electronic data from being lost. Of course, in order to avoid the abuse and leakage of the national drug-related information database by enterprises, they should sign data use agreements and confidentiality agreements with the relevant platforms, and limit the permissions and forms of using the relevant data on different platforms. At the same time, network security departments should strengthen cooperation and communication with network operators and service providers to enhance the ability to proactively detect and identify drug trafficking; economic investigation departments should actively do a good job of coordinating with financial departments to assist anti-drug law enforcement departments in detecting network drug trafficking cases from the direction of funds. In addition, the investigating authorities can also join hands with logistics and delivery enterprises to publicize the hazards and characteristics of drugs in various express points, intelligent express cabinets and other visible places, so as to enhance people's ability to identify drugs, reduce the probability of the masses being involved in drugs, and increase the source of information on drug crimes. Each department should play its own advantages, play an active role in the governance, prevention and control of drug-related crimes, do a good job in the detection, forensics and provision of drug information, and cooperate with the investigating authorities to carry out timely investigations.

6. Conclusion

Humanity will never stop promoting scientific and

technological progress, and more technologies will emerge beyond Internet technology. While emerging technologies bring convenience and well-being to mankind, we should also look squarely at the situation of drug criminals utilizing new technologies and new forms of business to commit crimes. The "Internet + delivery" form of drug crime as with the upgrading of network technology and the emergence of the delivery industry derived from a new model of drug crime, in the face of the current cases of this type of criminal governance in our country to bring new dilemmas, we have to give full play to the positive role of criminal governance, social governance on the governance of drug crime. By enhancing the main responsibility of the shipping enterprises, strengthening the supervision of all parties, improving the investigation ability of the investigating authorities and constructing the investigation collaboration pattern, we can realize the optimization and upgrading of the drug governance methods, promote the criminal and social governance of drug crimes to achieve new results in the new era, and improve the governance of drug crimes in the form of "Internet+Shipping" in China. (c) To promote new results in the criminal and social governance of drug crimes in the new era and to improve the governance of drug crimes in the form of "Internet+Shipping" in China.

References

- [1] Information on:spb.gov.cn.
- [2] Jun Luo.The Spreading Darknet and New Challenges of Cyberspace Governance[J]. Academic Forum,2020,43(05):1-12.
- [3] Xiaojin Feng,Li zhang.Developmenttrend and Identificationpath of Drug-related Cryptic Language under the Background of "Internet+" [J]. Journal of Politics and Law, 2021, 38(03):107-118.
- [4] Yilin Yin,Wenyang Xin.Research on the path of detecting and preventing drug trafficking cases using the mail delivery industry driven by big data[J].Journal of Armed Police College,2022,42(04):24-28.
- [5] Yang Li, Haiyan Wu. Research on Evidence Collection Strategies for the Investigation of Network Drug-related Crimes [J].Journal of Armed Police,2021,37(08):24-29.
- [6] Information on:nccc626.com.
- [7] Lei Zhang,Jiang Hu.Collection and Examination of Electronic Evidence for Network Drug Trafficking Crimes. Theory and Practice of Cybercrime Governance for Better Criminal Prosecution-Proceedings of the 16th National Senior Prosecutors Forum.
- [8] Han Xie ,Jinglai Mao . Research on Prevention and Control Strategies of Drug Transportation by Courier[J]. Chinese Journal of Drug Abuse Prevention and Control, 2023, 29(01): 18-22+26.
- [9] Chuanqiang Mei ,Pengcheng Zhou . On the Realization Path of Security Management Obligations in Network Drug Crimes[J]. Journal of Henan Police College,2022,31(02):22-31.
- [10] Kangkang Jiang. Research on the Difficulties of Investigating Network Drug Trafficking Cases and Countermeasures for Investigation[J]. Journal of Beijing Police Academy, 2013 (04):50-54.
- [11] Jiang Hu. Criminal Governance of Drug Crime Networking[J]. Journal of Southwest University of Political Science and Law,2020,22(05):81-97.

- [12] Zihua Zhao. Research on Smart Contract Crime Driven by Blockchain Technology[J]. Chinese Journal of Criminal Law, 2019(04):90-102.
- [13] Yuxiao Yang. Punishment and Prevention of the Black and Gray Industry of Drug Crimes on the Darknet[J]. Journal of Shandong Police College,2021,33(05):105-115.
- [14] Yi Ren. Research on Internet Drug Crime and Countermeasures for Prevention and Control [D]. People's Public Security University of China,2019.
- [15] Yinqingxin Miao,Hao Zhang. Reflections on Drug Trafficking in Yunnan Logistics and Delivery Channels[J]. Journal of Yunnan Police College,2022(04):1-6.
- [16] Yiling Shi. Research on Prevention and Control of Internet Drug Crimes under the Background of "Internet Plus"[J]. Journal of Yunnan Police College,2022(02):28-33.