

# Exploration on the Innovation of Youth Community Correction Model

## From the Perspective of Network Mode

Nuobei Li

East China University of Political Science and Law  
Shanghai, China

**Abstract**—In the information age popularized by the Internet, the regulatory effectiveness of offline community correction has been difficult to meet the needs of society, and the construction of network model is a more efficient solution. With the advantages of high efficiency and convenience, networked community correction can introduce multiple intelligent supervision platforms, "one-click acquisition" of relevant information of youth community members, personalized education content through dynamic and psychological assessment and targeted education, guiding the young offenders to return to society smoothly. However, the network model still has shortcomings and challenges such as insufficient technology and excessive information. It still needs common improvement from the multi-directional personnel of the state and society.

**Keywords**—dynamic feedback; youth; online education; community correction

### I. INTRODUCTION

This year "Internet Plus" has become the most popular word on many industry platforms. President Xi said in his speech at the Hainan Provincial Government Data Center: "Accelerating the construction of the government's big data platform is an urgent requirement to improve the ability and level of social governance. Party committees and governments at all levels must strengthen Internet thinking, be good at using the advantages of the Internet, and focus on integration. "Communication, sharing, convenience, and safety".<sup>1</sup> The Internet is a new kind of ecology created in a new field. [1] It can rely on the advantages of speed, efficiency, and richness to transfer the disadvantages in the traditional model such as the invasion of privacy, lack of education, and juvenile offenders' inability of returning to society, and other limitations into advantages, and on this basis, they will use high technology to stratify management of correctional personnel contributing to improving the educational content, and grasp the dynamics while communicating with their families at any time. The

<sup>1</sup> Hainan Provincial People's Government Network: 'In the inspection of Hainan, President Xi emphasized the promotion of reform and opening up with a higher position and a better vision to accelerate the construction of a beautiful new Hainan', April 14, 2018. <http://www.hainan.gov.cn/data/news/2018/04/181160/>

behavioral tendency is estimated to greatly improve the quality and efficiency of community corrections.

### II. THE LIMITATIONS OF THE TRADITIONAL COMMUNITY CORRECTION MODEL

Adolescents who are currently undergoing community corrections often face many problems, such as the lack of privacy. The punching of fixed-time locations in the month can cause severe consequence, resulting in their suffering from the strange looks from surrounding people, thus deepening their inferiority and easily labeling themselves. For the community, those effects make it much more difficult for educational content to be personalized to educate community corrections staff efficiently.

#### A. The Flexibility of Prisoners to Participate in Community Corrections Is Poor

Specific time and space limitations: Because of its stereotype, the traditional correction mode affects the normal life of adolescents. In the traditional community correction model, the corrective object corrects the content through using face-to-face pattern with the community correction staff. This can be done only under certain time and space, and it will be affected by constraints such as correcting geographical location and correcting time, but the young people still If you need to study or work, you will need a fixed time and place. It will inevitably lead to conflicts between the two. At this time, it will also have a negative impact on young people's studies or work.

1) *The content of education is not targeted*: Traditional community corrections are difficult to provide targeted education for each corrector due to restrictions on materials and human resources. There are many types of juvenile crimes, and there are many reasons for crimes. The areas and contents that need to be rectified are different. Generally, it is more macroscopically aimed at the common characteristics of most correctors, and it is difficult for different criminal objects to use individual resources to analyze them individually and implement specific individualized corrections. Taking passion crimes for example, adolescents seem to be adults in the view of physiology, but they are still extremely immature, fragile

and naive. Having little experience of frustration and problem solving and low resilience, these adolescents should be well-targeted. The education of the training helps them jump out of the self-centered state of mind. As for those premeditated crimes, such as juveniles and former criminals, who engage in real-time robbery and bullying against other students, need to educate them through the family social background to correct their wrong values.

#### *B. It Is Difficult for Young Criminals to Truly Integrate into Society*

##### *1) Teenagers are vulnerable to secondary injuries:*

The traditional community "clocking in and on" mode indirectly exposes its criminal behavior to the public, hurting the self-respect of young criminals and limiting the scope of their friends. Yutang Lin believes that face is the most powerful of the three goddesses who rule the Chinese, and the Chinese are living for it. [2] Everyone has a common requirement to hide the past dark history and disgrace, because they have caused harm to society and have been denied and punished by the state morally and legally. Moreover, it is a recognized habit to seek advantages and avoid disadvantages. Seeing their reaching the fixed-point located in community correction site for learning, the rest of the citizens may pass it from mouth to mouth, as Beccaria said: "Who disturbs public peace, who does not Compliance with the law, that is, non-compliance with the conditions by which people can tolerate and protect each other, should be rejected by society, that is, should be expelled." [3]

Generally, criminals are treated with personal hatred. The concept of criminals that have been separated for a long time is rooted in people's ideas and values. However, people are social animals. If they leave the social network, they will not be able to survive normally. Once they are squeezed out by the people in the society and lose their circle of friends, the choice of students who still study will increase the difficulty. The young people who have worked will face the risk of being isolated.

##### *2) Values of adolescents are more difficult to form:*

Adolescents who have committed crimes are prone to "self-labeling" disease criminal psychology if their mistakes are known or concerned by too many people. Due to Adolescents' nature and great flexibility in transformation, it is easy for them to recognize the deviation between their sin and values. At this time, they will have feelings of shame and difficulty. They are convinced that committing crimes is a criminal and they have already become one of those who live at the bottom of the society. Never will they interact with former friends as commonly as before and they will have feelings that others talk to them only because that they are feeling pity for them but in fact they still hate the wicked who have committed crimes.

#### *C. Inefficiency in Using Community Resources*

In traditional community corrections, it is difficult for young offenders to follow up in real time. Juvenile offenders use the method of regular fixed-point clocking in and regular measurement and assessment of young people to understand

the current situation of young offenders in real time. However, the young people's dynamics can't be controlled beyond the time clocking in, and the teenagers in community corrections are usually serious. Whether their bad habits are reinforced, whether their social circle of friends is normalized, whether it can return to society normally, etc., it is difficult to understand them accurately. Moreover, too many complicated things make the corrective workers feel tired. [4] <sup>2</sup> The negative state of coping, the work is difficult to develop, so the traditional model is easy to lead to the one-sided understanding of the young offenders by the community correction staff, so that it is difficult to form an objective and accurate understanding of the young offenders, and the dynamics of the community personnel are difficult to follow up in real time, thus resulting in being unable to prescribe the right medicine.

### III. THE SPECIFIC CONSTRUCTION IDEAS OF THE COMMUNITY CORRECTION NETWORK MODEL

In order to break the limitations of the traditional community model, the author combines the background of the modern century to build a network model for community corrections, and uses 5G, GPS positioning, face recognition, big data evaluation and other intelligent technologies to educate the youth's educational model and content. It will make the community correction model more convenient, protect the privacy of young people and improve the efficiency of community education, and accelerate the integration of young prisoners into society.

#### *A. Innovative Supervision Mode and Establishment of a Smart Supervision Center*

*1) Re-criminal risk rating management:* The intelligent system is used to accurately and quickly classify and evaluate the risk of crime according to the standards. The community correction center and various judicial organs adopt a real-time follow-up system to classify the crime risks of specific adolescent community correction objects, implement targeted specific management and education according to the level classification [5], [6],<sup>3</sup> and carry out quantitative analysis and re-crisis risks according to specific grading standards. It is necessary to make clear corrections and correct the clear state of supervision for each level of community corrections personnel, and regularly analyze their thoughts and dynamics, formulate precautions to

<sup>2</sup> Professor Hehua Chen has conducted a survey on the proportion of social workers and community corrections, and calculated the results in the "Reconstructed Persons Survey Form". If you contact once a week, then a social worker should contact 10 correction objects one day. The proportion of social workers is so large that many of the work that is expected to produce good results cannot be carried out.

<sup>3</sup> Xiaojun Zhao classifies the level of juvenile recidivism from the aspects of legal awareness, moral cultivation, penitence, family life, social support system, and actual performance. Hehua Chen translates the possibility of reopening crimes from community corrections into numbers. Determining the level of hazard, such as "stable", "general", "focused", "high risk" is more intuitive. The author believes that Xiaojun Zhao's classification is too complicated and can be based on intuitive digital classification. Aspects are for reference only.

investigate hidden dangers, and do not take off or leak control, and eliminate all possible unfavorable factors.

2) *Accurate investigation of personal crime prevention direction:* In order to ensure the implementation of regulatory measures in place, through the innovation and intelligence of the regulatory model and the positioning of the corrective personnel, video voice collection, real-time supervision of its reports, speech and thought reports, the community correction workers can acquire personalized analysis of juvenile offenders. Those regulatory measures facilitates the center to arrange special personnel to specialize in the learning content, time and discipline of correctional subjects, so as to correct the irregular behavior of adolescent community corrections personnel in real time, breaking the macro education correction, refining the supervision methods, thus greatly improving the pertinence and scientificity of community corrections.

3) *Measures to strictly rectify violations:* The government's punitive measures for strict violations have increased penalties [7].<sup>4</sup> Through community corrections, the activities of "anti-pipe, leak-proof, anti-overcoming, anti-participation, and anti-crime" activities are actively carried out. The community correction center needs to promptly give personnel who violate the supervision and management regulations or are unwilling to obey the management. Once a community member leaves the area or violates regulations, the system's "Jailbreak Alert" will immediately sound and the acquisition process will be initiated. With the attendance of "Facebook + Fingerprint", the supervision center needs to require each prisoner to participate in the corrective activities of the offline judicial organization at least once a month to ensure that the corrective personnel are always vigilant against the harm of illegal crimes, and understand the education and correct thinking as well as the importance of imparting literacy to the formation of correct values.

#### *B. Introducing Intelligent Systems, Real-time Control*

##### *1) Gps positioning for real-time monitoring:*

The current GPS positioning of mobile phones is not accurate enough to reach more than 10 meters. However, if the "5G+ compass navigation satellite concept" can be completed to play the navigation aided positioning signal through the ground communication base station, the compass navigation satellite ground augmentation system can provide "centimeter-level" navigation and positioning, and "instant positioning" knows the whereabouts of the young criminals, and establishes one invisibly. The electronic fence is blocked,

<sup>4</sup> For the decision to apply the formal implementation of traditional community corrections, Zheng Liu believes that the deviation of the essence of community correction penalties leads to the lack of punishment function, which leads to the lag of penalties. The mandatory punishment measures for violations of law and punishment by community prisoners are still in a negative state. The author believes that if the network community correction model can be applied to reality, the necessary punishment and coercive measures can be one-to-one correspondence, and the original intention of regulating and correcting the behavior is truly regulated.

and the common places and behaviors of the youth who are undergoing community correction are systematically analyzed and stored in a large database.

At the same time, it can also play a good role in supervision and prevention. The use of the GPS system can coordinate the young people who are still learning with the parents and the class teacher to immediately discuss the feedback and coordination work, and formulate a systematic learning plan and supervision policy for the young correctional personnel by formulating a model for exchanging the recent situation of the young people. The right values are on the right path of life; for the young offenders who have been employed, use the big data network to count their employment enthusiasm, guide them to participate in vocational skills education and conduct real-time skills training to promote them better. Integrate into society and actively contribute to society and realize self-worth.

##### *2) Intelligent attendance system:*

Through the remote video voice collection, location system, face recognition and other advanced technologies to support the establishment of a smart attendance system, the establishment of intelligent time and attendance system, the community can use the existing Internet to build branches in various communities into an internal wide area network. It can not only provide a convenient and quick punching mode for the community staff, but also facilitate information sharing and data exchange, so that the degree and effect of each community correction object can be analyzed in real time at the headquarters of the community monitoring, and this can be used as a standard. This can be used as one of the criteria for judging the performance of public security agencies in various communities which makes the correction of juvenile offenders more effective.

Also, the youth community corrections need to accept the CBT treatment method that will gradually mature in the next few years. It can carry out professional career planning counseling for the youth community corrections personnel. Once the test results are found to be too negative and threaten, the system will automatically pull it into the system. The list, as a key target for the implementation of education and monitoring management, is a solid one-on-one education. At the same time, the corrective personnel need to accept electronic information collection, emergency remote command work, personnel online assignment and other functions, and fully realize the multi-dimensional stereoscopic technology supervision.

##### *3) Improving the level of intelligent supervision and control personnel:*

Emerging community corrections can abandon the inefficient supervision mode of "person-to-person", establish a combined supervision mode of people and skills, and try to implement the "specialized + auxiliary + technology" staffing mode<sup>5</sup> [8] to strengthen the intensity of supervision

<sup>5</sup> The specific mode of "special + auxiliary + technology" means that at least one professional community correction law enforcement personnel and professional science and technology supervision personnel are assigned to each community correction supervision department.

and the enforcement of supervision. In addition, the technical training of supervisors should also focus on advancing and improving the proficiency of its operational supervision system. It can timely record and organize the dynamic information of young community corrections personnel. The resulting seamless regulatory model can not only implement effective supervision, but also for young people. The more dynamic analysis of the dynamics has greatly reduced the rate of out-of-control among adolescent community corrections personnel, thus truly and effectively promoting the integration of young offenders into society.

#### IV. THE CONSTRUCTION OF THE NETWORK MODEL COMPARED TO THE ADVANTAGES OF TRADITIONAL MODEL

Compared with the traditional model, the envisioned network model can more effectively manage the juvenile prisoners, let the young people automatically and independently integrate into the educational atmosphere and understand the dynamics of the community prisoners in real time and control their mental state and emotions and use intelligence. Science and technology will combine community education with family education, and analyze and rectify the effects according to the dynamic analysis of personnel, and improve the quality and efficiency of community correction.

##### A. *Introducing Intelligent Systems, Real-time Control*

1) *Free and independent learning of educational knowledge:* The content of educational resources is more abundant, and community members are more likely to control the psychological and emotional conditions of juvenile offenders in real time. At the same time, juvenile offenders can select the required information and materials on the network freely and quickly, and the operation and behavior of obtaining information are equally free and concealed. Sexuality, these favorable factors through the Internet connection make their autonomy of receiving information more and more, and the juvenile community prisoners no longer fully comply with the arrangement and management of the correctional social workers, but by personally reviewing relevant materials and perceiving relevant ideological culture. The characteristics, in the subtle influence, have corrected their past wrong values, and thus independently analyzed all kinds of relevant information, and sifted out the essence of preservation. In the same way, after the true integration into society, juvenile corrector will have their own independent ideology and judgment consciousness, distinguishing between right and wrong, and being flexible, truly learning for my own use, and effectively achieving the original purpose of community correction education.

2) *Normalization of the social circle:* The correction mode is no longer limited to punching at a fixed time and place. The number of people who know the specific circumstances of the crime is also less. The privacy of the young prisoners is more protected. The strange vision no

longer appears, and the corrective personnel are no longer due to crime. The stain is familiar to the people around him, but is integrated into it as a normal person. It can also freely express its own opinions without being over-interpreted. At the same time, due to the normalization of past experiences, plus the education of specialized knowledge of community correction, gradually cultivated unique and correct values, and was recognized by friends around me. The labeling attitude towards oneself gradually faded to disappear, thus enhancing self-confidence and achieving more rapid and efficient integration into society.

##### B. *Network Information Makes the Management of Community Correction Object More Precision*

1) *Software evaluation overcomes the subjective randomness of correction:* Using the online platform to dynamically monitor the juvenile offenders and enter them into a large database, combined with professional software, they can conduct assessments and scientific assessments for individuals, and use objective scientific questionnaires and data analysis functions to independently analyze each juvenile offender. A special analysis report is designed through the system. At the same time, the country can also comprehensively analyze the corrective effects of various communities, and create a chart arrangement according to specific requirements, highlighting the key issues of different types of juvenile offenders. Combining the overall corrective effect of the community with the individualization of the young offenders, the systematic system of evaluation can effectively overcome the unity and subjective randomness of correcting the content and mode of criminals, and finally realize the standardization and scientificity of community correction.

2) *Corrective quality improvement:* In the traditional community correction mode, the professional staff is limited and it cannot have a good understanding of all kinds of people. The conversation is only a boring educational concept, and there is no appeal. Through the network mode, professional psychological counselors can quickly receive counseling and psychological counseling, and can provide higher quality and more targeted psychological counseling services for young offenders. Additionally, the network's information correction resources are more diverse and diverse, while in the traditional model, a single preaching style is still advocated, so that community corrections personnel passively receive education thus conflicting with the participation of reports and individual conversations under the network mode. Correct staff use of multimedia technology to vividly boring the corrective content, so that young offenders become passive and active in corrective education [9], and the educational effect is more obvious. Moreover, the use of network technology can help reverse the passive situation of the information management of the judicial administrative organs, enhance the supervision of juvenile offenders, and control the community prisoners

through intelligent GPS positioning, intelligent video voice system, and face recognition system. The tendency and dynamic of violations of laws and regulations, innovative community correction work mode [10] make up for the lack of traditional supervision methods, and improve the efficiency of community corrections management.

## V. CHALLENGES FACING THE NETWORK MODEL

### A. *Mixed Network Information, Bad News Endangers the Physical and Mental Health of Young People*

Network information is all-encompassing, and different kinds of information are spreading everywhere. When implementing the network supervision mode, it is difficult to prevent the false information of malicious proliferation of the network from adversely affecting the body, mind and values of the youth community corrections. This is the discrimination of minors. The severe test of ability and the slightest inadvertent correction of the effectiveness of education will be affected. The use of the network supervision model can be formulated as a "private scheme" for individuals. Despite the resources and professional counseling, the mode of interaction between people after entering the society will gradually become unfamiliar and cause their isolation psychology. The concept of the network community complicates the community correction model. Although there are many advantages, the infiltration of massive information makes the young people with unstable values dazzled, leading to the gradual vacillation of young people's political concepts and moral beliefs. Young criminals who are repairing values and ideas are being swayed. Thoughts are easily destroyed, leading to confusion of beliefs, gradual confusion, and difficulty in returning to the mainstream of society.

### B. *The Innovation of Massive Information Management Mode Requires Higher Technology Level Support*

Although Internet technology is changing with each passing day, there is still much room for improvement. It is difficult to prioritize 5G's unpopular positioning system, and it is still limited by SA policies, multipath effects <sup>6</sup>[11], and other human factors. The supervision system needs the support of big data, and the artificial intelligence technology of database analysis is still not mature, the network communication technology is not developed, and the social talent resources are limited. Most of the community correction system operators lack professional skills and experience, and fully artificial intelligence. It is difficult to achieve precision with existing science and technology. These various factors limit the scientific professional development of community correction work and the

<sup>6</sup> SA policy is a kind of method for the US government to reduce the accuracy of broadcasting ephemeris ( $\epsilon$  technology) and adding high-frequency jitter to GPS signals to reduce the accuracy of ordinary users using GPS for navigation and positioning method. Due to the influence of the environment around the receiving terminal, the multipath effect causes the satellite signal received by the receiver to also contain the influence of reflected and refracted signals. This is called multipath effect. For example, in high-rise buildings and mountain jungles, the probability of satellite signals being reflected or reflected is quite large.

communication, the cooperation of various correctional institutions while community correction can only rely on experience. Also, at this stage in many remote areas of China, the network signal is too weak to be used or the road is rugged and has not been connected to the network, so the network of the correction mode of the community is more complicated. Therefore, the desire to achieve a true network community model still requires a higher level of technology and the use of more specialized scientific results.

## VI. CONCLUSION

The era of 5G will soon become mature and feasible. It is believed that quite a number of science fiction scenes in those movies will soon come into reality. Not only will the life of human beings living in this era become more convenient and advanced, but the infrastructure will also become more and more complete. Also, the network model of social correction will gradually change from concept to reality thus contributing to the effective regulation for law-abiding citizens and targeted education citizens for those who break the law. Finally, Chinese law will be guaranteed to be highly efficient and thus achieve the ultimate goal of the law — safeguarding human rights.

## REFERENCES

- [1] Shasha Wang, Shanbing Lu, Lihong Guo. Analysis of Industrial Change Driven by "Internet +" [J]. *The Journal of Humanities*, 2019(4): 90-98. (in Chinese)
- [2] Qun Luo. Analysis on the Causes of Social Network Rejection in Community Correction Offenders — Taking Shanghai as an Example [J]. *Inner Mongolia Social Science*, 2010(2): 116-121. (in Chinese)
- [3] Cesare Beccaria. *On Crime and Punishment* [M]. Beijing: Encyclopedia of China Publishing House, 1993.
- [4] Hehua Chen, Lifang Ye. Community Correction Operates in China [J]. *Criminal Research*, 2007(4): 26. (in Chinese)
- [5] Xiaojun Zhao. Building a Stereoscopic Supervision Network to Solve the Dilemma of Community Correction [J]. *Research of Administration Science*, 2016(1): 28-29. (in Chinese)
- [6] Hehua Chen, Lifang Ye. Community Correction Operates in China [J]. *Criminal Research*, 2007(4): 26. (in Chinese)
- [7] Zheng Liu, The Punishment and Coercive Measures Deserved [J]. *Journal of Law*, 2018(39): 20-25. (in Chinese)
- [8] Siwei Bi. "Using the Internet Plus" to Upgrade the Community Correction Network [J]. *People's Mediation*, 2015(11): 55-56. (in Chinese)
- [9] Xianshun Bi. Community Correction of Juvenile Offenders in the Internet Age: Opportunities, Challenges, and Strategies [J]. *Social Scientist*, 2018(1): 132-142. (in Chinese)
- [10] Siwei Bi. "Using the Internet Plus" to Upgrade the Community Correction Network [J]. *People's Mediation*, 2015(11): 55-56. (in Chinese)
- [11] Main Factors Affecting GPS Positioning Accuracy. 2017.2.21 <http://bbs.3s001.com/thread-238416-1-1.html>