

Reflections and Innovations on the Integration of the 'Meta-universe + Heroic Spirit' into Public Security Education

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Abstract: Meta-universe technology provides a new opportunity for the digital transformation of public security education. Based on the practical field of public security education, looking at the background of meta-universe technology, and focusing on the essence of the spirit of heroic models, we analyse the technological, communication and spatial-temporal logic of the meta-universe technology that empowers public security to incorporate the spirit of heroic models into public security education, so as to realize the transformation of public security education from reality to virtual, from one-way to interactive, and from awareness to immersion.

Keywords: Public security heroism; Meta-universe; Public security education

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1. Backgrounds

With the successive arrival of technological innovations such as virtual reality, digital twins, and fifth-generation mobile communications, the cumulative small quantitative changes of these technologies have pushed the curtain of the 'meta-universe' era to open, leading human beings to step into a new era in which the space and mode of activity have undergone a fundamental metamorphosis.

2. Integration of the Meta-universe and the Spirit of Heroic Modelling in the Field of Public Security Education

The term 'meta-universe' first appeared in the science fiction novel *Snow Crash*, referring to an immersive shared space where the physical and digital worlds are intertwined. With the rapid development of virtual reality, blockchain and other information technologies, 'meta-universe' has gradually realised the development and leap from literary imagination to technological reality, and has also realised the development from 'digital era' to 'digital wisdom era' to 'digital wisdom era'. It has also realised the leap from 'Digital Age' to 'Digital Intelligence Age' and then to 'Meta- Universe Age'. One of the important opportunities and challenges in the meta-universe era is the integration of the spirit of heroic models into public security education in the new era of meta-universe empowerment.

Since the 18th CPC National Congress, General Secretary has met with national public security heroes and exemplary figures on several occasions, stressing the inheritance and development of the spirit of public security heroes and putting forward clear instructions on caring for and compassionately supporting the families of police officers who died in the line of duty. The spirit of model public security is the sincere faith in the Party and the

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country, the spirit of dedication and courageous and fearlessness shown by model public security officers in the practice of policing, which constitutes the core elements of the professional ethics of the people's police and the key expression of the core values of the people's police. Since the founding of New China, China has held a total of 11 national public security system 'Qunyinhui', commending 2,819 exemplary collectives and 8,513 exemplary figures. On 28 September 2023, General Secretary Xi Jinping wrote back to the children of martyrs studying at public security universities. The spirit of public security heroes has always played a pioneering value-oriented role in the construction of the public security team, and the integration of the spirit of heroes into public security education in the new era is also a key project in the construction of advanced socialist culture.

3. Operational Logic of the Integration of the 'Meta-universe + the Spirit of Heroic Models' into Public Security Education

The public security education in the era of meta-universe will be expanded unprecedentedly in digital form, and this transformation is not to weaken or replace the existing integrated education and training model of 'teaching, learning, practice and war', but to provide a unique opportunity for the optimisation, innovation and sublimation of this model, aiming to deeply excavate and reshape the ecosystem and teaching model of public security education.

(1) From the real to the virtual: the technological logic of integrating the 'meta-universe + the spirit of heroic models' into public security education

Public security education is, to a certain extent, limited by the individual and regional characteristics of the spirit of public security heroes. The spirit of public security models is unique and individual, which is affected by various factors such as the specific content of the work of individual public security models, work positions and personal qualities. This regional publicity strategy helps to enhance the sense of belonging and honour of the provincial public security police officers and academics, but it also limits, to a certain extent, the dissemination of the spirit of their models throughout the country. For example, Ren Changxia, as a model public security officer in Henan Province, has been widely publicised and praised within the province. Similarly, there are Chen Yongqi in Jiangxi Province, Zong Deyu in Jiangsu Province, and other provinces have their own model public security heroes, whose deeds and spirit are mainly disseminated and promoted within their respective provinces. With the help of pioneering media technology, this innovation has constructed a multi-dimensional meta-universe educational ecology that is beyond reality but rooted in reality, which transcends the boundaries of traditional education and gives an unprecedented sense of immersion in the dissemination of the spirit of heroic models. Within the framework of this ecology, public security education takes advantage of the cross-border integration characteristics of the meta-universe as a logical point of origin, making the virtual education field and actual police work seamlessly connected, and opening up a brand new solution path for solving the coherence and attraction problem of the dissemination of the spirit of public security heroes and models in public security education through the highly scenario-based immersive experience. In this way, the IP of the spirit of public security heroes has not only been richly and diversely interpreted and expanded, but has also fundamentally alleviated the challenges of fragmentation encountered in education and communication, and realised the completeness and vividness of the spirit's transmission.

(2) From unidirectional to interactive: the logic of dissemination of the 'meta-universe + the spirit of heroic models' into public security education

Under the dual demands of the public security organs and public security colleges for education and the public security police and students for learning, the spirit of public security heroes has shown diversified interpretations in the political level, spiritual level and learning and practice level, and at the same time exposed the unbalanced development of the dimensions, and there is an urgent need to explore how to ensure that the spirit of the heroes

in the scope of public security education, the content of the details of the spirit of the heroes, the practice-oriented, and easy to learn to absorb, so as to realise the value of the dimensions of the spirit, and to achieve the goal of the spirit. Metacosmos, as an emerging medium that combines an open technological innovation platform and a closed-cycle communication characteristic, provides a new perspective to overcome the limitations of one-way transmission of the spirit of public security and to alleviate the problem of unequal expression in traditional public security education. Compared with the traditional media, Metacosmos, relying on the integration advantage of multi-technology cascade, is subverting the traditional application framework of digital hardware and media software by virtue of its powerful design and modelling technology, creating a digital symbolic code for the presentation of the spirit of public security heroes and constructing a complex virtual education ecosystem. Within this system, police officers and academics are given a high degree of freedom of choice, and are able to select learning materials, participate in platforms, and integrate into specific social groups according to their personal preferences, a series of behavioural characteristics that tend to be personalised, self-pleasurable, and socially connected, thus providing a pathway for the dissemination of the Spirit of Public Security Heroism, which not only emphasises the depth and breadth of the content, but also promotes an interactive, flexible, and deeply participatory learning experience. This approach not only emphasises the depth and breadth of content, but also promotes the interactivity, flexibility and in-depth participation of the learning experience, thus achieving a significant increase in the dissemination effect. At the same time, building a collaborative and interactive environment for the cultivation of the Spirit of Public Security Heroic Models can catalyse the creative potential of the civilian police and academics, enabling them to actively participate in the free space of content creation and knowledge exchange, thus widely establishing a network of co-creative subjects for the Spirit of Public Security Heroic Models. And by breaking the conventional linear education mode, meta-universe has eliminated the phenomenon of uneven educational results caused by the single orientation in the past dissemination of the spirit of public security heroic models, opened up a new realm of multi-directional and interactive education, and promoted the balanced development and deep penetration of the education of the spirit of public security heroic models.

(3) From awareness to immersion: the temporal and spatial logic of integrating the 'meta-universe + spirit of heroic models' into public security education

Meta-universe technology, with its unique ability to reshape time and space, has opened up a new mode for the education of the spirit of public security heroes. It not only breaks the physical boundaries of traditional education and expands the learning environment to a highly interactive three-dimensional virtual field, but also vividly reproduces the three-dimensional images and touching moments of public security heroes and models through subtle composition and layout, vivid use of colour and smooth dynamic narrative, creating an immersive learning experience for the police and the police officers and greatly enhancing the attractiveness and lasting influence of education. Through the in-depth excavation of material content, the fine polishing of the details of each educational scene, and the continuous reproduction and enrichment of the historical moments of public security heroes, this educational model not only creates a new path and a new platform for the dissemination of knowledge, but also encourages the police and police officers, as the main body, to become the active expander of diversified channels of education on the spirit of public security heroes. This process not only promotes the overall improvement of the comprehensive quality of the civilian police and police officers, but also allows the connotation of the spirit of public security models to be vividly demonstrated in constant interaction and experience, laying a solid foundation for the long-term memory effect of the education of the spirit of models.

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