



Mechanisms, Risks, and Pathways of Digital Intelligence Technologies in Empowering the Spiritual Life of Service Members

Jing Chen*, Di Liu, Luxi Xu, Yue Zhang, Peiquan Gan

Information Support Force Engineering University, Wuhan, 430030, China

*jenny1832@126.com

Abstract. Currently, digital intelligence technologies are rapidly integrating into and empowering the spiritual life of service members, while generating certain potential risks. Against this backdrop, it is imperative to give full play to their positive empowerment, thereby comprehensively improving the spiritual life level of service members.

Keywords: Digital Intelligence Technologies; Spiritual Life of Service Members; Empowerment

1 Introduction

With the rapid development of digital intelligence technologies, applications related to them have been deeply embedded and have reshaped the spiritual world and lifestyle of service members^[1]. Hence, it is an important research task to systematically analyze the internal mechanisms, potential risks, and practical pathways of digital intelligence technologies in empowering the spiritual life of service members. Not only does the relevant research help to give full play to the positive role of digital intelligence technologies, but it is also of positive significance to improve the quality of spiritual civilization construction of the Chinese army, as well as the overall improvement of the spiritual life quality of service members.

2 Internal Mechanisms of Digital Intelligence Technologies in Empowering the Spiritual Life of Service Members

Essentially, the empowerment of the spiritual life quality of service members by digital intelligence technologies is an innovative practice based on digital and intelligent technologies. Its core can be summarized as the systematic remolding and iterative upgrading of traditional spiritual production, distribution, interaction, and consumption patterns, thus improving the spiritual life quality of service members.

2.1 Expanding the Participation in Spiritual Production Methodology

Digital intelligence technologies can break through the time and space limitations of traditional spiritual production, thus building a creative cloud platform featuring wide-area interconnection, openness, and co-sharing for service members. More specifically, relying on convenient carriers such as online social media and lightweight creative tools, service members are capable of instantly recording their training sentiments, capturing the moments of daily life, and sharing their stories of military camps. In this foundation, the collaborative creation among diverse regions, posts, and majors can be further realized, thereby effectively stimulating the creative enthusiasm of ordinary service members.

2.2 Strengthening the Commonality of Spiritual Distribution

Under the traditional mode, the distribution of spiritual and cultural resources is restricted by multiple factors such as regional economic conditions, military service differences, and unit levels. As a result, service members in remote areas can only obtain high-quality resources from relatively limited channels. In this connection, the openness and co-sharing of digital intelligence technologies, on the one hand, can achieve global coverage and extensive dissemination of high-quality spiritual and cultural resources. On the other hand, they can implement the targeted push of personalized content according to the educational objectives and the cognitive level of service members, thus ensuring the inclusive sharing and accurate delivery of resource allocation^[2].

2.3 Improving the Sense of Gain in Spiritual Interaction

In the spatial dimension, “virtual presence” breaks through physical isolation and builds a new interactive space with unbounded interconnection. In the time dimension, “digital reappearance” breaks the limitation of immediacy, allowing service members to interact online and on demand at any time. Moreover, in the ecological dimension, “circle aggregation” promotes deeper interaction. Relying on digital platforms such as interest communities, theme forums, and cultural associations, service members are able to obtain spiritual satisfaction from continuous communication and emotional resonance.

2.4 Enhancing the Sophistication of Spiritual Consumption

Digital intelligence technologies promote the continuous innovation of spiritual and cultural products, thus providing high-quality and diversified spiritual and cultural consumption content for service members. Relying on various technologies such as virtual reality, augmented reality, and mixed reality, digital intelligence technologies can be employed to build diverse scenarios featuring virtual and real integration, thereby breaking through the traditional presentation mode dominated by audio and video^[3]. Simultaneously, digital intelligence technologies can integrate multi-modal

experiences such as vision, hearing, touch, and smell, ultimately generating spiritual and cultural products customized based on personal preferences.

3 Potential Risks of Digital Intelligence Technologies for the Spiritual Life of Service Members

As a tool to empower the spiritual life of service members, digital intelligence technologies will easily lead to negative impacts and adverse effects if they are employed improperly.

3.1 Information Overload Challenging the Guidance of Mainstream Values

In the cyberspace environment, all kinds of information are highly intertwined and lack effective screening. Against this background, if young service members are exposed to the information environment with misconceptions such as entertainment and consumerism for a long time, or are continuously influenced by extreme thoughts and false news, their recognition of core values and missions may gradually weaken. Even worse, their sense of honor and responsibility may be eroded, which will further adversely affect the cohesion and combat effectiveness of the troops.

3.2 Algorithmic Orientation Leading to the Trivialization of Spiritual Aspirations

Typically, the core objective of current algorithm logic is to attract users' attention and improve users' stickiness. This phenomenon objectively promotes the vulgarization tendency of certain spiritual and cultural products to satisfy market demands. In cases of service members' long-term contact with such content, they may not only gradually reduce their aesthetic level and spiritual pursuit but also present a rejection of elegant art and profound thoughts, eventually leading to the overall decline in the quality and level of their spiritual life^[4].

3.3 Digital Dependence Weakening Individual Cognitive Capacity

In the environment of digital intelligence technologies, service members are endowed with more convenient and efficient access to information. However, excessive dependence on online search and algorithm recommendations will undoubtedly weaken their autonomous exploration and independent research abilities, while potentially reducing their information judgment and cognitive analysis levels.

3.4 Technological Standardization Eroding the Diversity of Cultural Products

To cope with the fierce competition for attention, digital cultural products take the pursuit of high-traffic viral content as the main goal, thus pushing creative activities into homogeneous competition oriented to attention and exposure. While service members seem to have extensive selections, in fact, they often passively consume content produced based on unified technical standards and viral content templates. It further weakens the diversity and profundity of service members' ideological culture, which is not conducive to their vision expansion and cognitive growth.

4 Practical Pathways of Digital Intelligence Technologies in Empowering the Spiritual Life of Service Members

To give full play to the positive role of digital intelligence technologies and promote the high-quality development of service members' spiritual life, it is imperative to adhere to the correct development direction, apply scientific methodology, and ensure that all measures achieve tangible results.

4.1 Upholding Party Leadership to Strengthen the Foundations of Digital Intelligence Governance

To promote the construction of a digital intelligence governance system, it is necessary to improve the operating mechanism characterized by unified leadership of Party committees, coordinated promotion of governmental agencies, and accurate implementation at the grassroots level. To this end, departments at all levels need to clarify the division of responsibilities, such as technology application, content supervision, and risk prevention and control, thereby realizing the governance pattern of top-bottom linkage and joint management. Meanwhile, Party members and cadres should play their exemplary and leading roles. To be specific, they should not only take the lead in mastering and applying digital intelligence technologies as well as strictly abiding by relevant usage norms, but also guide service members with scientific technology application concepts and positive value orientation, acting as the vanguard and leader in the digital-intelligence era.

4.2 Focusing on Value Guidance to Align the Direction of Digital Intelligence Technologies

Focusing on the combat effectiveness construction demands, it is urgent to build a digital intelligence technology application framework with combat-driven and value-oriented principles as its core, thereby achieving the unity of meeting the spiritual and cultural needs of service members as well as cultivating the core spirit of strengthening and modernizing the military. To this end, departments at all levels should identify the fusion point of core values and digital intelligence technologies, and

deeply embed it in the whole chain of creation, dissemination, and consumption of cultural products, thus ensuring the natural penetration and subtle influence of mainstream values in cyberspace. Concurrently, the synergy between technology empowerment and content supervision should be further strengthened to ensure that the digital intelligence space is persistently full of positive energy and to maintain the leading role of the underlying values.

4.3 Strengthening Individual Development to Cultivate New Talents for the Digital-Intelligence Era

The digital-intelligence era provides a broad platform for service members to grow into four-haves new talents (i.e., well-rounded talents with moral, intellectual, physical, and aesthetic development). Within this context, units at all levels should adhere to the people-oriented principle and take improving the digital-intelligence literacy of service members as a basic task, while maintaining their critical thinking and independent thinking ability. In parallel, units at all levels should pay attention to improving their technical application ability and creative ability, and encourage service members to participate in the creation of digital-intelligence cultural products. Moreover, it is imperative to focus on the development of their mental health and code of conduct, and encourage them to establish the concept of scientific use of the Internet, ensuring that service members constantly maintain a positive mental state^[5].

4.4 Promoting Technological Innovation to Revitalize the Vitality of Digital-Intelligence Heritage

Departments at all levels should base themselves on the forefront of technology and enhance the communication and appeal capacity of military culture through the principle of “upholding integrity while pursuing innovation”. To this end, a variety of technologies represented by big data and artificial intelligence should be employed to implement the digital transformation of red cultural resources, so that hidden spiritual wealth can be transformed into explicit educational resources. Meanwhile, it is necessary to deeply explore the elements of military strengthening embedded in traditional culture, innovate the carrier of digital intelligence communication, and develop the evaluation model of military culture communication effect^[6]. This is conducive to realizing the precise content delivery and targeted educational implementation, thereby revitalizing the red culture underlying values with new vitality.

5 Conclusion

Above, the following conclusions are summed up. Digital intelligence technologies can empower the spiritual life of service members by expanding the participation in spiritual production methodology, strengthening the commonality of spiritual distribution, improving the sense of gain in spiritual interaction and enhancing the sophistication of spiritual consumption. To give full play to the positive role of digital intelligence

technologies and prevent potential risks, it is imperative to uphold party leadership, carry forward mainstream values, strengthen individual development and promote technological innovation, thereby comprehensively improving the spiritual life level of service members.

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