Research on the Bili Privacy Protection System Based on the 4-4-3 Protection Model

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Nowadays, as one of the computer data security problems, the leakage of private data on the personal computer is becoming more and more serious in our life. To find an easier and more reliable way to protect people's private data, the author carries out a systematic analysis of the advantages and disadvantages of the traditional methods to protect private data in this study. Integrating the strengths and improving the deficiencies, the author invents an advanced protection system called the Bili Privacy Protection System, whose features are as follows: first of all, a 4-4-3 protection model on the privacy data protection has been established, which includes four protective ways, four protection gates and three encryption methods; secondly, the Bili Privacy Protection System based on the 4-4-3 protection model has been developed. Apart from the three major functions in the software, including security zone management, removable secret bag management, and multi-level user management; there are four advanced tools, which comprise portable encryption, file parasite, folder camouflage and file access protection. The advantages of the software include faster file encryption and decryption with the author's own optimized algorithm, useful tools, easy operation, user-friendly interface and reliable protection model. The Bili Privacy Protection System can eliminate the risk of the leakage and protect private data in all dimensions.

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