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(57) Abstract :
The present disclosure relates to the field of wireless communication technologies and, more specifically, related to the control of RF card transmission in portable terminals. The system (100) employs a processor (102) to intelligently manage the RF card data transmission, ensuring secure and timely communication, while also introducing user authentication measures for heightened security. In real-world applications, such as contactless payments and access control, the system (100) and method (200) facilitates seamless and secure interactions, optimizing the user experience. Furthermore, the system (100) and method (200) flexibility allows integration into multiple portable terminals, while the compliance features contribute to regulatory adherence and cost savings. Overall, the system (100) and method (200) represents a significant advancement in the portable terminal technology, offering a compelling combination of security, efficiency, and usability in the RF card usage

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