

Use encryption to encode flight information.

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Abstract: This topic focuses on applying advanced encryption algorithms to protect critical flight-related information. This is an urgent issue in the aviation industry, especially with the increase in cybersecurity threats. The main objective is to develop an effective encryption system to ensure the safety of flight information. The research method combines theory and experimentation to design and test encryption algorithms. The expected result is a significant enhancement in the security level of flight information, thereby improving the ability to counter cyber attacks and protect passenger privacy.

Keywords: Information encryption, cybersecurity, security systems, encryption algorithms, flight