

The Cybersecurity Challenges and Strategies in Place to Protect Guest Information, Payment Systems, and Internal Hotel Networks – A Study

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Abstract: *This study explores into the vital subject of cybersecurity in the hospitality industry, emphasizing primarily on safeguarding visitor information, securing payment systems, and protecting internal hotel networks. As hotels increasingly rely on digital technologies for efficient operations and guest services, the vulnerability to cyber assaults has become a major concern. The study's goal is to thoroughly analyze the cybersecurity difficulties that hotels confront, as well as the solutions used to strengthen the safety of sensitive data. The research adopts a qualitative approach, combining extensive literature review. Through a review of existing literature, the prevalent cybersecurity threats affecting the hotel industry are explored, emphasizing the vulnerabilities within guest information storage, payment systems, and internal network infrastructure. The research evaluates the effectiveness of encryption methods, access controls, compliance with industry standards, and employee training initiatives in securing guest data. Furthermore, it investigates the technologies and protocols used to safeguard payment systems from breaches and fraud.*

Keywords: Cyberfrauds, Cybersecurity