Technological Advances and Change in Door Locking System in Hotels

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Abstract: *Previously a luxury for expensive houses, smart door locks made their debut in the hotel sector. These locks eliminated the difficulties associated with mechanical keys and eased hotel management by utilizing card and radio frequency technology. The history of security and access control spans aeras, from Roman metal locks through modern advancements to ancient Assyrian wooden pins. Punch cards, magstripe cards, and finally RFID keycards replaced the bulky metal keys that were used for hotel door locks in the 1800s. Starwood Hotels invented mobile keyless access, which transformed the visitor experience by allowing for remote check-in and encrypted keys on smartphones. The result of this 6,000-year-old, harmonic fusion of security and technology is OpenKey's mobile key solution, which improves security and visitor happiness.*

Keywords: Smart key, electronic door locks, open key, mobile key, hotel door lock

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