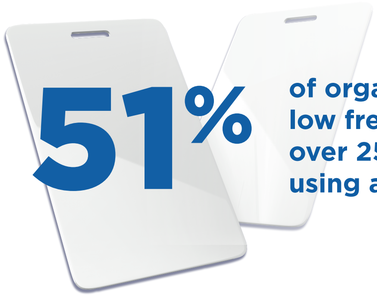
THE EVOLUTION OF CREDENTIAL TECHNOLOGIES

Physical access control credential technologies have come a long way since they were first introduced over 50 years ago. Despite the availability of newer, more secure options, many organizations are still using outdated and vulnerable access control technology.

VULNERABLE CREDENTIALS ARE STILL IN USE

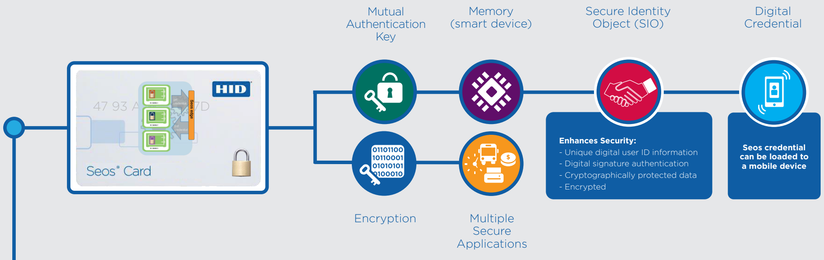


51% **of organizations* report using 125 kHz low frequency prox cards, technology developed over 25 years ago, which can be breached easily using a $15 card cloner bought online.**

TODAY

Seos®

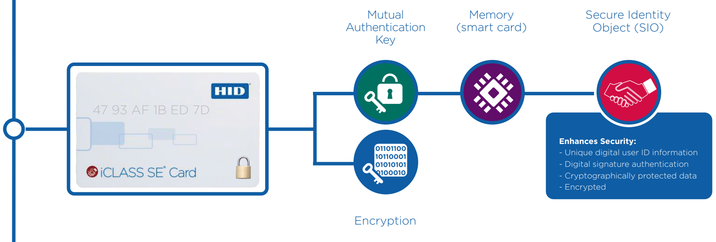
- Contactless 13.56 MHz high frequency technology
- Enhanced data protection and privacy protection with standards-based cryptography
- Independent software-based technology introducing form-factor flexibility



2010s

iCLASS SE®

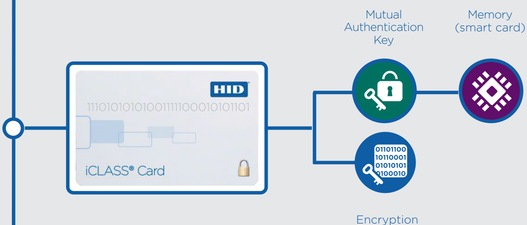
- Contactless 13.56 MHz high frequency technology
- Enhanced data protection and privacy protection plus Secure Identity Object



2000s

iCLASS®

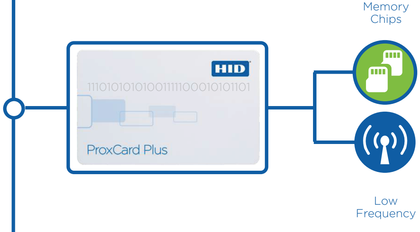
- Early contactless 13.56 MHz high frequency technology
- Introduction of encrypted communication and data storage



1990s

HID Prox

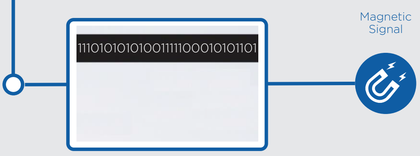
- 125 kHz contactless low frequency technology
- Outputs the same static number every time



1960s

Magstripe

- Limited level of security
- Not contactless, requires a physical swipe



DON'T GET LEFT BEHIND

Adopting advanced access control solutions over outdated ones gives organizations the security and dynamism needed to thrive in an expanding digital world. By granting employees access to controlled areas through mobile or wearable devices, organizations can enjoy the benefits of next generation access control with more choice, applications and confidence.

To learn more about how credential technology has evolved to reduce security vulnerabilities, download our eBook,
A Brief History of Access Control Credentials

DOWNLOAD NOW

*Based on data from an Access Control Systems Trends Survey conducted by HID Global and Security Management Magazine in 2019.

2020-09-14-hid-pacs-card-evolution-ig-en PLT-03395