# Secure Seos Technology

Seos® (Seos) is a breakthrough digital security ecosystem that represents a new way of thinking about end-user experiences. Seos provides a secure channel over any underlying communication protocol, such as NFC and Bluetooth. Android and iOS operating systems can support Seos, with the technology to leverage mobile phones and other smart devices as an ID credential, implementing a secure vault for digital identities.
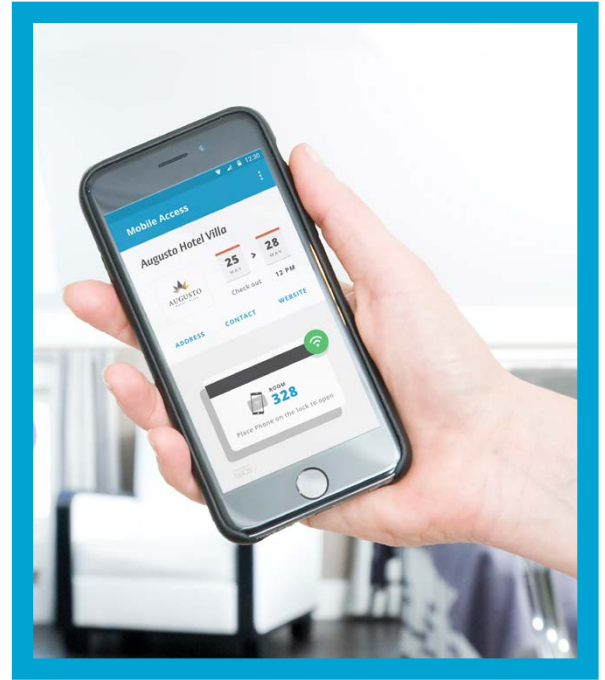
The Seos protocol is derived from best in class cryptographic standards defined by NIST (National Institute of Standards). During provisioning of digital keys to the mobile device, Seos establishes a mutually authenticated channel between the provisioning service and the mobile device that ensures safe delivery of key material. During use of the credential, the same type of channel is established between the mobile device and the relying party application. This ensures a secure private transaction independent of Bluetooth, NFC or any other transport protocol.

Solutions that are powered by Seos offer the freedom to use your mobile device of choice – from smart cards to smartphones – for secure access to more applications and the confidence of best-in-class security and privacy protection. With solutions powered by Seos, customers have the potential to use any combination of smart phones, smart cards, tablets, wearables, bank cards, keyfobs, inlays and other smart devices to secure more of their applications than ever before.

As a dynamic, standards-based technology that is already proven in the marketplace, Seos technology has been adopted by national and international companies and government agencies.

Seos introduces a new realm of choices to users and is available from ASSA ABLOY through its own solutions across different markets, as well as powering third-party products through licensing that accelerates wider adoption.

ASSA ABLOY
Global Solutions

The global leader in door opening solutions

SEOS POWERS A WIDE RANGE OF SOLUTIONS:

: Building/Office space access

: Residential solutions

: Computer system login

: Mobile citizen IDs

: Cashless vending

: Internet of Things (IoT) applications

: Time-and-attendance

: Secure print authentication

: Offline locks

: Parking access

: Biometric based verification

: Electronic vehicle charging

… And continues to add an ever-increasing number of other uses that are in demand.

SEOS MOBILE ACCESS ECOSYSTEM

Offices

Hotels

Residential Homes

HID

Seos TSM

Yale

Mobile networks, partner channels etc...