Case study - Smartphone as access key

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Access by smartphone using Near Field Communications (NFC)
Photo courtesy of STiD

ALTERNATIVE TO KEYS, CARDS:

SMARTPHONE AS ACCESS KEY

STid's latest mobile access control product uses RFID, NFC and Bluetooth.

The French firm says its Mobile ID allows use of Bluetooth Smart and NFC-enabled smartphones as an alternative to keys and contactless cards. It is used with the company's Architect Blue readers, Mobile ID apps, SECard offline configuration platform and web portal. The readers offer four ways of manageing access:
● Badge mode by placing your smartphone in front of the reader;
● 'Tap Tap' mode by tapping your phone twice in your pocket for proximity or remote opening.
● 'Slide and pass' mode by placing your hand close to the reader;
● and remote mode by controlling your access points remotely. Maé

Tholoniat, STid Product Manager, says: "These four modes are possible thanks to STid's exclusive, patented technology that can differentiate between access points depending on their distance." It means multiple Architect Blue readers can be installed in the same area.

Identification

Managing digital keys on a phone requires control of the security chain (phone, reader and system). STid offers secure EAL5+ storage of keys while protecting and encrypting data between the mobile and the access terminal. Only the Architect Blue readers authenticate the smartphone. STid MD Vincent Dupart says: "Our smart card dematerialisation solution faces tomorrow's challenges. We have developed a more convenient way to access buildings while introducing a secure ID management process." □