Article
STid: migrate with complete simplicity towards high-security access control
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STid

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An access control system must guarantee the highest levels of security to provide optimal protection for data, property and people. A lack of information or even funding, work flows, productivity demands, etc. can be obstacles to technological migrations. Yet a system can migrate towards the latest technology without calling the initial investment into question. **Vincent Dupart**, CEO of STid, and **Bastien Castet**, Sales Manager for the Middle East, explain

In what sense is migrating towards high-security access control essential?

Vincent Dupart: Businesses are evolving in a context of increasingly mobile employees and threats connected with cyber-attacks. According to the latest Hiscox report, losses exceed €1.6 billion. In addition to the financial consequences, the image of the company is affected. Numerous organisations are still using outdated technology (125 kHz, MIFARE Classic®, HID® iCLASS). An easy solution which leads to higher maintenance costs and difficulties in procuring replacements!

A more serious concern is that badges can be copied without you knowing using equipment that is easy to obtain over the Internet. These security flaws impact the integrity and security of data. Ensuring flawless security is thus a necessity, and our expertise in contactless, high-security identification provides a comprehensive response to this issue.

How can you easily migrate to high-security access control?

Bastien Castets: The first step involves analysing access points, the technology installed, security levels and usage. We must then initiate the technological

migration. STid's Architect® readers are multi-technological (125 kHz, 13.56 MHz and Bluetooth®): they are able to read existing outdated technology and enable you to switch towards high-security technology. They are also modular.

In short, they can adapt to future needs: evolving towards QR Codes to simplify visitor access, the use of smartphones as access keys, additional layers of extra security through biometry, etc. It's simple! This ability to evolve enables all the functions and security levels of a diverse range of readers to be adapted. A real advantage in terms of investment and migration management.

Vincent Dupart: Our readers are compatible with all access control systems. We build on existing systems to guarantee flawless security between the badge and the reader, even ensuring end-to-end security by making communications between the reader and the controller/UTL secure.

Such is the role of the SSCP and OSDP protocols. With the SSCP protocol, we offer interfaces that protect communications through data encryption and the authentication of the reader, without bringing the system into question, by means of smart interfaces that integrate into your existing system. Let's be clear; the essential issue remains the integrity of data!

What is the key to success when deploying an access control system?

Vincent Dupart: Proactivity! We encourage our clients to avoid being the victim of their vulnerability and to gain awareness of their flaws in order to implement the right technological response. This response must adapt to today's needs and anticipate future changes to truly ensure the protection of companies' strategic assets.

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