



Article

Access control Under Control

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SECURITY



ACCESS CONTROL

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Combining High Security and Intuitiveness for Vehicle Access Control

Controlling vehicle access to offices and car parks is a key issue to secure people, property, and data. It is also essential to ensure fluidity. GIT SECURITY asked Vincent Dupart, CEO of STid, to explain the importance of vehicle access control.



STid Spectre long-range UHF reader

GIT SECURITY: Why is it important to combine intuitiveness and vehicle access control?

Vincent Dupart: 7 out of 10 employees drive their cars to work each day. A situation likely to be intensified with the current health crisis. Employees will select their own vehicle rather than using public transport. However, a motorist's daily commute can quickly turn into a nightmare because of traffic jams. At the car park entrance, the situation is no better: They need to stop their vehicle, open the window and present their card until almost touching the reader to gain access. This lack of fluidity raises anxiety. Hence the importance of finding new solutions such as contactless technologies, to simplify the driver's experience.

What are the new advantages of contactless technologies?

Vincent Dupart: Contactless technologies such as RFID, NFC, Bluetooth and IoT, offer new alternatives to allow continuous flow at car parks and secure access by automatically identifying the vehicle and/or the driver. When a driver approaches the car park entrance, the vehicle is automatically detected thanks to a Teletag positioned inside the car and a STid Spectre long-range UHF reader installed nearby.

Spectre ensures a calm and consistent read over an impressive range of up to 13 metres. The car park owners can also opt for multi-antenna access management. Up to four antennas can be connected to just one Spectre reader to tackle all security challenges and fulfil all configurations: Managing a diverse fleet of vehicles (cars, vans, motorbikes...), encompassing wide access points and even smooth access control for four separate vehicle lanes.

How can I ensure that both vehicle and driver are authorised for entry?

Vincent Dupart: The drivers "access rights" can also be controlled thanks to STid Mobile ID. Their identity is also verified before allowing both car and drivers access. This is a level of security that many companies or offices need to ensure. For example, motorcycles in car parks are challenging. The motorcyclist does not have a front number plate for identification, hindering access control for their vehicle. The rider is required to remove a glove to either use a card or a smartphone. With STid Mobile ID, by simply tapping the smartphone inside their fastened jacket pocket, the motorcyclist can gain successful access. This growing need for intuitiveness must never impact on security and data protection. STid ensures security between

the Teletag and the reader and between the reader and the system using the Secure & Smart Communication Protocol (SSCP) protocol, which helps to provide uniformed end-to-end security. This protocol protects the communications of physical and digital access control equipment. It provides a secure connection between the readers (inspection devices) and the management system (concentrator) to guarantee a level of security in line with government requirements. Which explains why 7 out of 10 French banks have opted for STid solutions.

Is the answer only technological?

Vincent Dupart: A prerequisite is to thoroughly analyse your current procedures and a full risk assessment to identify the potential added values of employing new technologies. The same applies for a true Return On Investment (ROI). Our ultimate success is based on attentiveness to market needs and to always propose improved, instinctive and highly secure solutions.

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