



Article Vehicle Access Control with STid SPECTRE

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Vehicle Access Control with STid SPECTRE

Company's sales and operations manager outlines the product's features and benefits

Contactless technologies (RFID, Bluetooth®, IoT, etc.) offer new possibilities to simplify the driver's experience. STid's SPECTRE reader accepts the challenge of fast-track security for vehicles access, making it both secure and extremely smooth.

Here's more from Frederick Trujillo, Sales & Operations Manager in USA.

Combining intuitiveness and vehicle access control

Seven out of 10 employees drive their car to work each day – a situation likely to be intensified with the current health crisis. Employees will select their own vehicle rather than use 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. That's why we need new solutions such as contactless technologies to simplify the driver's experience.

The new advantages of contactless technologies

Contactless technologies such as RFID, NFC and Bluetooth® offer new alternatives to allow continuous flow car-park secure access by automatically identifying the vehicle and/or 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 meters. The car park owners can also opt for multi-antenna access management. Up to four antennas can



SPECTRE



be connected to just one SPECTRE reader to tackle all security challenges and fulfill 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.

Ensure both vehicle and driver are authorized for entry

The driver's "access rights" can also be controlled thanks to STid Mobile ID®. Their identity is also verified before allowing both cars 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 doesn't 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), 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.

An answer that is not just technological

Analyze current procedures and conduct 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.

To learn more about STid's products and solutions, please contact Frederick Trujillo at f.trujillo@stid.com or visit <https://stid-security.com>

