



Article

STid : Combining vehicle and driver identification with flawless security

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One of the priorities for companies that manage a fleet of vehicles is to ensure that only registered vehicles with authorised drivers can access the parking lot. Whether it is to avoid the occupancy of limited parking space by unauthorised vehicles, malicious acts (theft, damage, etc.) or the abandoning of vehicles: parking access control is essential to securing a building. Contactless technologies offer new possibilities to streamline parking access and protect corporate assets. **Vincent Dupart, CEO of STid**, provides us with further explanation.



Security managers often have to combine two seemingly contradictory challenges in their policies: securing the access to car parks while ensuring a smooth traffic flow. Addressing both these challenges is essential because statistics show that 7 out of 10 employees use their car to get to work. This fact emphasises the importance of providing new solutions to simplify user mobility and secure parking access. Contactless technologies (RFID, Bluetooth®, IoT, etc.) offer new possibilities to make accessing the car park more instinctive and secure.

How? By deploying technologies that enable automatically identifying the vehicle and/or its driver. Because vehicle access control should be equally instinctive as the secure identification of people. It should help the user to simplify their daily routine and, especially, to avoid bottlenecks at peak times.

STid offers a full range of passive UHF readers and battery-less tags – which therefore are maintenance-free with an unlimited lifespan. These readers and tags support the identification of vehicles and / or their drivers. No need to roll down the window or get out of the car: People and their cars are automatically identified and get easy access!

In addition to our successful SPECTRE reader for UHF tags, we are now launching the SPECTRE Nano. Its hyper compact size, robustness and technological innovations offer new perspectives for vehicle access control. SPECTRE Nano combines Bluetooth® and UHF technologies for dual identification: single-lane vehicle access (up to 6m) and additionally visitor access with badge or even the smartphone because of the integration of the STid Mobile ID® ecosystem.

Indeed, with STid Mobile ID®, you digitise all access badges/cards and transfer them to one single app, which can be used for physical access control for employees and visitors, virtual access to workstations, etc. With STid Mobile ID®, you can use six identification modes: tap your smartphone twice, swipe your hand across the reader, use your smartphone like a remote control or use your Apple Watch to open doors... truly a unique user experience!

But this intuitiveness should not be detrimental to security. 90% of companies believe that their data is under threat. It is crucial to guarantee the protection and confidentiality of data. The SPECTRE Nano ensures consistent end-to-end security thanks to the storage of EAL5+ keys, SSCP® or OSDP™ protocols and data encryption and authentication methods: Duplicating a badge is impossible!



SPECTRE Nano, the multi-technology reader for high security parking and pedestrian access

Bastien Castets – Export Sales Manager STid



The SPECTRE Nano is the compact and mid-range version (up to 6 m) of STid's SPECTRE UHF reader portfolio. While offering the best size/performance ratio on the market, it helps to reinforce security levels by ensuring dual identification of the vehicle and the driver. This is achieved by combining UHF RFID and Bluetooth® technologies. Completely integrated into the STid Mobile ID® ecosystem, the SPECTRE Nano allows the use of virtual badges for both parking and people access. It is extremely robust (IK10 and IP65) and it has an anti-tamper feature: the security keys are automatically destroyed in the event of attempted vandalism.

■ For more information contact b.castets@stid.com or visit <https://stid-security.com/en>