# Product focus

## Safe, secure and speedy access to modern parking facilities with STid's award-winning reader

French specialist in frictionless identification and access control STid earlier this year released SPECTRE nano, an innovation that is set to revolutionise the driver experience of customers of parking operators when entering or exiting their parking facility. SPECTRE nano is a multi-technology reader that accelerates parking access control and enables simultaneous vehicle and driver identification to keep employees, visitors and motor traffic moving in a safe and secure way. STid's SPECTRE nano reader has been awarded the ESX Innovation Award for Access Control. We talk about the innovation to Gordon Mackay, UK and Ireland Sales Director at STid, pictured.

### Vehicle access control reinvented

Various technologies have been used in recent years to identify vehicles or drivers as part of vehicle access control applications. Owners and operators of corporate and commercial parking facilities have been searching for the best solution to provide returning, registered, parking visitors with an easy, secure and cost-effective way to access the car park. Traditional access cards are read at close proximity and therefore slow down the process at the entrance, which is very undesirable in peak hours where large amounts of vehicles are likely to queue up before the entrance of the car park facility if it takes vehicles or drivers too long to be identified and get access. License Plate Recognition (LPR or ANPR) solutions have gained in popularity, but experience shows that the technology is not considered secure and requires significant installation effort to achieve acceptable accuracy rates. Until now, in our industry, people often regard Bluetooth and BLE technology as technology that is used in smartphones for people access

control. UHF technology is often used to identify vehicles entering a parking facility or secured perimeter.

### A closer look at the SPECTRE nano

SPECTRE nano combines Bluetooth and UHF technologies for dual identification: single-lane vehicle access (up to six metres) and additionally visitor access with card, fobs or even the smartphone because of the integration of the STid Mobile ID ecosystem. Indeed, with STid Mobile ID, you digitise all access badges and cards and transfer them to one 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… A suitable user experience for every individual! The newest STid reader combines a compact size with impressive robustness (IK10 and IP65) and technological innovations that offer new perspectives for vehicle access control.

### Awards

SPECTRE nano ensures effective end-to-end security thanks to the usage of EAL5 + keys, SSCP or OSDP protocols, data encryption and authentication methods. Duplicating a badge is or tampering with the reader communication is virtually impossible! No wonder this new product was well received by the industry and now has received several awards, including the prestigious ESX Innovation Award.

### Simplified fleet management

Corporate customers that manage their own fleet of cars, trucks and vans have also received the newest STid innovation with great enthusiasm. Multiple technologies can be used simultaneously to register and identify company vehicles and designated staff that will use those vehicles. Often adhesive windshield tags are used to register the vehicle and identify the vehicle at the entrance of the corporate parking facilities, industrial sites and campuses. Virtual access cards on smartphones or conventional access cards are used to register and identify the driving staff member at the same entrance. These systems are used to ensure that the right driver is in the right vehicle and that the combination of both is authorised to enter the perimeter. Effective fleet management, smooth access control and high security levels can now go hand-in-hand. Thanks to SPECTRE nano from STid.

### For more info

Visit https://stid-security.com/en/.
Email info@stid.com.

SPECTRE nano multi-technology reader

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