

Article - FAST-TRACK: AUTOMATIC VEHICLE IDENTIFICATION

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Fast-track: Automatic Vehicle Identification

New Generation of UHF Readers Allow a Secure, Fast and Automatic Vehicle Identification

Queues, congestion and miscommunication can cause delay and have a negative impact on business and the wellbeing of employees. In order to fast-track the security management at vehicle access gates, STid introduces Spectre, the first born of a new generation of long-range ultra-high-frequency (UHF) readers enabling fast vehicle identification process at the gate with the highest security levels.

The most important reasons to embrace AVI solutions are the convenience, traffic fluidity and the security they bring. Vehicle access control based on traditional proximity, remote control or barcode, often results in people leaning uncomfortably out of their windows towards the reader to show their access credentials. Combining high security levels based on the latest industry standards, modularity making it adaptable to any field scenario and uncommon design, Spectre is the solution for all AVI applications. "This secure and smart solution has been designed in close collaboration with our customers to ensure Spectre reader meets the myriad of security requirements of a fast, automatic vehicle identification." commented Vincent Dupart, STid CEO. "We are committed to make cutting-edge security solutions much easier for corporations and their employees, so instinctive and convenient that user adoption is guaranteed."

Instinctive Vehicle Identification

Based on the EPC1 Gen 2 standard and UHF passive technologies, Spectre rewrites traditional rules of security, making it more instinctive. The long-range reader offers unmatched reading distances up to 43 ft/13 m and reliability for smooth vehicle access. According to STid, its outstanding performances makes Spectre the fastest reader on the AVI market.

Smart and Upgradable

Fully scalable and modular, Spectre enables to cover all security issues and all configurations, even in highly challenging environments. This evolutive reader is built to manage up to 4 driveways handling access of a mixed fleet of vehicles

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(light, heavy and motorcycles), the identification on wide lanes or even distinct access control for 4 lanes of vehicles.

The solution can be tailored to customer's needs, offering the best solution for any situation and ensuring that all features and security levels can be upgraded at any time. Supporting a large variety of standard communication interfaces (Wiegand, Clock & Data, RS232 and RS485), it enables seamless integration into any existing or new access control systems.

The Highest Levels of Security

The reader provides proven and unprecedented security, allowing users to sign UHF credentials, using encryption methods recognised by independent certification bodies in information security. The FastID function enables faster authentication and prevents UHF credential cloning without compromising performance.

Standing the Test of Time

The enhanced vandal-proof structure withstands knocks and malicious acts. This weather-resistant reader is IP66-rated and designed for outdoor uses in harsh environments: vibration, dust, heavy rain, sea air... ". It's the most robust reader on the market, yet intuitively easy to use and set up. We have developed user-friendly and free tools to configure the readers in few seconds via USB/micro, USB cable or UHF card", adds Maé Tholoniât, Security Product Manager.

Its stealth design with strong lines ensures it integrates easily into the corporate environment for swift adoption. The wide range of customisation options enables our clients to truly get the most out of this powerful communication tool. Spectre offers many smart features which make it the perfect solution for gates that require a combination of high security and convenience. "Spectre is the perfect blend of security, performance, reliability, flexibility and a unique design all in a simple solution. Reaching excellence to deliver best-in-class products is always a goal for STid. The continuous improvement and innovation are strong and shared values in our company. We have pushed our 22-years of know-how and expertise in Spectre", concludes Vincent Dupart.

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