Reader certification: Security Industry Association (SIA) Open Supervised Device Protocol (OSDP) standard

STid's Architect Blue series of access control readers has been certified to meet the Security Industry Association (SIA) Open Supervised Device Protocol (OSDP) standard for access control security. SIA OSDP Verified is a comprehensive third-party testing program to ensure that products meet the stringent global standard established by the International Electrotechnical Commission (IEC).

STid Group has a wide range of OSDP-certified and multi-technology RFID, NFC and Bluetooth readers that can be equipped with a biometric fingerprint sensor for enhanced security. The Architect Blue is the industry's first OSDP-certified biometric reader. It combines strong 1:1 authentication with fingerprint, card and Bluetooth smartphone technologies. Additionally, STid offers the first OSDP-certified touchscreen readers with a scramble pad function. Architect Blue is one of the only readers to support OSDP file transfer to update a system's access control readers remotely; time-consuming configuration of individual readers on location with configuration cards is not necessary. Virtual or RFID configuration cards are also available.

"Utilizing the established SIA OSDP North American standard is important for clients requiring higher security, such as for government applications, since it meets federal access control requirements like PKI or FICAM," says Maé Tholoniat, STid product manager. "Our Architect readers have immense flexibility for virtually any use case

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OSDP-CERTIFIED ACCESS CONTROL READERS

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and now they offer maximum interoperability with other OSDP-certified controllers or peripherals."

Flexible, Scalable, Modular

The readers are designed to operate with the STid Mobile ID application, free in the Apple Store or Google Play, which turns smartphones into virtual cards, providing user-friendly and instinctive identification modes. The series includes seven interchangeable modules that can be connected easily to a smart RFID and Bluetooth core. They come in a variety of form factors (mullion, gang box) and with a variety of features (card reader, keypad, touchscreen, biometrics, QR Code, 125 kHz) for optimal performance in a wide variety of client applications. All functionality and security levels can be easily upgraded. With a patented tamper protection system, Architect Blue readers protect sensitive data and enable easy deletion of authentication keys, when necessary. They have been designed to withstand harsh environments and high impacts and to operate properly outside.

"We strive to ensure future-proof and open technology for our customers. OSDP certification for our entire series is an important milestone to continue offering high-security access control solutions," said Frederick Trujillo, U.S. operations manager, STid. "We have designed our readers and mobile ID to operate worldwide with any other open solutions an integrator or end-user may currently be using or consider in the future."

Interoperable and Open Technology-based Solutions

STid develops its solutions on standardized open technology such as MIFARE DESFire EV2 and EV3 and public encryption algorithms. This gives organizations the freedom to choose what suits them best. The company relies on the quality of its products and their excellent security to win client loyalty rather than any proprietary technology. In addition to being fully compliant with the OSDP open-source protocol, STid's readers also support the European SSCP communication standard, powered by S.P.A.C., which provides end-to-end security between physical and logical access control equipment.