

MOBILE CREDENTIALS

DELIVERING HIGHLY SECURE SOLUTIONS

- International Security Journal catches up with John Harvey, Head of Business Unit Access Control, LEGIC Identsystems

“**I** head up the business unit Access Control at LEGIC for all applications that are contactless, radio-frequency identification (RFID) or mobile-based and used by employees at corporate organisations,” explained Harvey.

“My business unit makes sure that an employee who works at a company has a card or mobile credential to access the building, but which can also work for other applications such as time and attendance, secure printing, virtual PC login as well as to purchase a coffee at a vending machine or to access parking.”

He explained that it is his team’s responsibility to manage all the partners that work with LEGIC within this space. Harvey went on to discuss what differentiates LEGIC in the market, highlighting that the company is unique

in three different aspects: security, multiple application support and open standards.

“Since LEGIC was set up 30 years ago, it has always been considered a high security company that delivers highly secure solutions,” Harvey added. He also said that this includes LEGIC’s transponder card technology as well as the chips and secure modules that go into its partners access control readers and other RFID, near field communication (NFC) and Bluetooth (BLE) capable products.

“A whole range of different applications”

All the company’s solutions pass regular security audits and Harvey explained that high secure cryptographic key

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management is a top priority for LEGIC, enabling end customers to own and manage the core elements of their security.

With built-in key management, the LEGIC Security Platform empowers its users along the critical processes of setting up trusted applications, commissioning the necessary

infrastructure in the field and maintaining it for years of use.

Harvey emphasised that the corporate employee badge is also evolving, combining multiple functionalities onto one card or on one mobile credential, to make it easy for end customers at large corporations to easily deploy and

manage new applications. End users can choose from a range of different access reader and lock vendors, as LEGIC's technology is flexible and open.

“We're very much seen as a flexible multi-application solution by end customers,” said Harvey. “We help our partners to support a whole >



range of different applications for corporate employees. We try to make it easy for our partners to build their contactless product and let them focus on their specific application while we take care of the security and complex contactless communications, be this via RFID, NFC or BLE.”

Additionally, Harvey said that LEGIC secure reader ICs support a whole range of different contactless smartcard standards. The solutions from LEGIC do not just work with its own transponder cards, but also with all other relevant smartcards, to make it easy for the company's partners to build a successful product and support multiple options.

Harvey highlighted two primary developments. First is the company's Credential Manager service for the support of Apple Wallet and Google Wallet.

“We have a trusted secure cloud service available worldwide for our partners to use in order to deliver their employee badge into mobile wallets. That's also a definite trend over the last year or two – to have not just employee badges but other credentials such as hotel room keys or apartment keys stored in Apple Wallet or Google Wallet,” said Harvey.

Harvey added that there is a focus on customer success. This is because the company's services, particularly Apple Wallet and Google Wallet, require robust customer support.

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The future of access control

Harvey said that using Wallets for credentials is a growing trend that shows no sign of stopping. “It's growing quickly,” he commented. “Another more mid to long term trend in the future would be seamless entry.”

Harvey explained that this is when a phone or other credential does not have to be held to a reader to grant access to an individual; rather, the

credential can be kept in a pocket or bag and when moved close to a door or gate, it will be recognised.

“Also, the intent of the user with such a credential will be understood – for example, which direction the user is moving in and the user's angle of approach,” Harvey explained. “It also detects distance so that it knows whoever is nearest the door and the lock.”

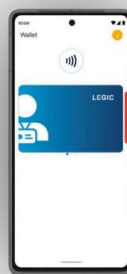
Harvey said that there is an extra layer of security with this seamless entry concept, to mitigate against it being hacked or compromised and that the new Aliro standards to be released by CSA at the beginning of next year will be supported by LEGIC and its partners in the future.

Lastly, Harvey highlighted that there is also a move toward more advanced card technology with intelligent CPU or processor-based cards, a technology also supported by smartphones. He explained that with LEGIC's new CPU card Java applet-based neon technology, employees will be able to have multiple applications on their card.

For example, they may be able to use the card for access control but then also utilise it for fast identification purposes, to log into their computer (FIDO). ■

LEGIC

Mobile Credentialing
that just works.



LEGIC
enables you to



place your credentials
in wallets, apps and on smartcards

choose your readers
from 300+ global partner companies

own your security
with solutions for credential and
cryptographic key management

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