

## **Large Car Manufacturer issues Mifare Access Control and Cashless Vending cards with D24 in-line encoder and Zebra 430i printer**

DED Limited (UK) has successfully completed integration of a dual-purpose contactless smart card system that combines secure facilities access control and cashless internal vending for automobile manufacturer (Toyota, UK).



**DED**  
LIMITED

Using CardExchange software (ExchangeIt24), DED integrated a secure, in-line Mifare card issuance system into an existing vending network of over 100 "cash only" vending machines for hot and cold drinks and snacks, as well as five in-house restaurants. These vending outlets, located in two separate manufacturing facilities, now enable employees to eliminate the need for carrying cash during working hours, using only their company-issued ID card either within their primary facility or when traveling between facilities.



In addition, the contactless Mifare card is also used to control and track access for all entrances and exits throughout both facilities. Access is also controlled for operators of heavy lifting equipment such as trucks and fork lifts to not only ensure security but also to ensure the highest level of safety for the employees.

User benefits from the new system include higher transaction security, less "wait time" for completion of cash transactions, and elimination of manual "swiping" of the old magnetic-stripe ID cards, whose readers are often slow and require frequent cleaning and maintenance.

DED selected DigiOn24 Mifare encoder with the Zebra P430i for the task because of the products proven reliability. The fast Mifare encoder and high quality printer combination was necessary to issue all of the employee cards quickly. The print/encoding system was connected to CardExchange software for programming and printing Mifare cards. According to Mr. Elliot Davis, DED, the project wouldn't be possible without the software/hardware and Mifare encoding support offered by ExchangeIt24.

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### **ScreenCheck Issues iCLASS Employee ID cards for Emirates Airline with SC320 Retransfer Printer equipped with DigiOn24 in-line encoders**

The BadgeMaker5500 software and SC320 retransfer printer configured with a DigiOn24 iCLASS encoder were used for issuance of employee ID cards for Emirates Airlines, the Dubai-based international carrier. ScreenCheck credential system was selected over several competitors due to its proven reliability and seamless connectivity to an existing Oracle database with direct access to the Emirates Human Resources system.



The issued iCLASS contactless smart cards are used for facility access control as well as logical access control (computer & network access) and also readied for future employee payment programs. In addition, the new employee ID cards will eliminate the needs of multiple Prox cards currently used yet maintaining total backward compatibility with legacy, Wiegand, access control system.



Utilizing the powerful iCLASS application module built into BadgeMaker software, HID iCLASS cards can be programmed securely inside the printer and verified before printing. An available card management module tracks and encrypts all access keys for iCLASS cards issued individually or when printed in batch mode.

According to Mr. Roger Berk, ScreenCheck CEO, the field upgrade SC320 iCLASS encoders significantly increase the speed of iCLASS card issuance, and eliminate potential errors resulting from human handling of individual cards required for desktop encoders. The easy field installation feature enables our field support staff to quickly equip standard printer models with Mifare or iCLASS encoders.

For more information on Badgemaker software & iCLASS card issuance systems, please contact Mr. Roger Berk at **[Berk@screencheck.com](mailto:Berk@screencheck.com)**.