

## Press Release

Case Study - Contactless Smart Cards

Zurich, June 2009

### **MAN Diesel introduces multifunctional employee badge and uses latest LEGIC card-in-card solutions to integrate transponders supplied by third parties**

Virtual LEGIC transponder creates plenty of scope for more applications and supports multiple sites use of the card

**In introducing a new employee badge, MAN Diesel has combined two contactless identification technologies on a single smart card chip. LEGIC card-in-card solutions, the virtual LEGIC advant transponder technology, are the technological core of the badges. The new card includes access control, time & attendance and cashless payments for more than 3,000 employees at MAN Diesel's plant in Augsburg/Germany. What is more, German employees will also have access to factories in Denmark in future. On the other hand, Scandinavian colleagues can use their card to make payments at tills and vending machines in Augsburg. LEGIC card-in-card solutions run as secure applets on third-party smart cards. They make it possible to combine different contactless systems on a dual interface card and also support contact based applications such as logical access.**

New LEGIC card-in-card solutions make it possible to store usual LEGIC applications of an employee card on a single dual interface smart card. The LEGIC card can thus be used in 9 shops, 8 canteen tills, 8 top-up stations, 44 vending machines and over 50 access control and time & attendance terminals supplied by various manufacturers.

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In addition, the LEGIC card-in-card solutions also make it possible to integrate contactless applications into the existing technology platform in Denmark. MAN Diesel is reaping the benefits of a future-proof, convenient solution which can be deployed across multiple sites and be expanded flexibly to cater for further applications.

Alice Stiene, MAN Diesel's Project Manager explains the advantages of the new cards: "When introducing a new employee card, the challenge was to combine technologies in a cost-efficient, future-proof way. After testing the market thoroughly, we opted for the innovative LEGIC card-in-card solutions, thereby making a considerable investment in our future. The technology not only enables us to take into account the differing basic requirements of our sites. The flexibility of LEGIC advant also enables us to add any number of additional applications to the employee card at a later date."

Dr Otto Eggimann, Vice President Sales and Business Development at LEGIC, stresses the potential of LEGIC card-in-card solutions: "Our technology makes it possible to integrate contactless multi-applications on virtual LEGIC transponders in contactless or dual interface smart cards supplied by third parties. This way, physical and logical access systems, for example, can be combined on a single card." ■

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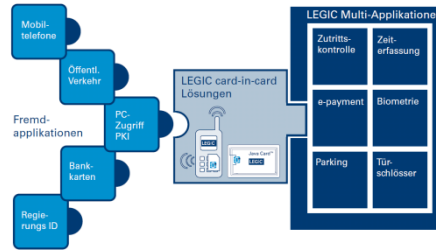
## Pictures



1 Reader for cashless payment



2 MAN Diesel's HQ in Augsburg/Germany



3 LEGIC card-in-card solutions make it possible to integrate LEGIC technology in smart cards supplied by third parties.

(These high-resolution images are available for downloading in the press section at [www.legic.com](http://www.legic.com))

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### **About LEGIC<sup>®</sup> Identsystems Ltd**

LEGIC Identsystems Ltd, with headquarters in Switzerland, is the world leader in the design and manufacture of 13.56 MHz contactless smart card technology. The LEGIC product portfolio includes highly integrated LEGIC RF Standard, ISO 15693 and ISO 14443 compliant read/write chip sets, security modules and transponder chips.

LEGIC Identsystems currently works with over 200 external co-operation partners world-wide who offer compatible LEGIC all-in-one-card applications including access control, e-payment, parking, e-ticketing and other multiapplications. More than 2 million readers and over 100 million credentials are successfully integrated in more than 60,000 work and leisure places worldwide.

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