

## **The world's biggest oil company is using German vehicle identification technology Tönnjes E.A.S.T. supplying Saudi Aramco with 237,000 RFID labels for its access controls**

**Delmenhorst, May 2018.** The Saudi Arabian oil company Saudi Aramco has commissioned the German firm Tönnjes E.A.S.T. to supply 237,000 RFID windscreen stickers. Only vehicles bearing such a label will be able to enter the company's premises from now on. It contains a UHF chip, which is automatically detected and authenticated by readers. RFID labels can be divided into four categories according to their authorisation type. Relevant information is stored on the chip to identify which areas can be accessed at certain times. The company's staff used to have identify vehicles manually. "Unlike other products in this sector, our RFID label increases security like the IDeSTIX. It combines optical features like transparent holograms and colour-shifting ink with a UcodeDNA chip developed by NXP. This makes it impossible to forge", states Dietmar Mönning, the Managing Director of Tönnjes E.A.S.T. Saudi Aramco found this characteristic particularly important when choosing a new solution, as the oil company is looking to increase the security and efficiency of their access controls. "The system has already been introduced successfully. We expect more follow-up orders in 2018", explains Mönning.

Tönnjes E.A.S.T. began to manufacture and deliver its 237,000 windscreen stickers last year after placing a bid for Saudi Aramco's tendered contract through a local distributor in 2016. "This is the first time a company has used the RFID-based security label to carry out access controls", says the Managing Director. The IDeSTIX RFID label is already being used nationally in countries like Kenya and the Philippines for automated vehicle recognition. It is also being used to calculate toll charges in Turkey. The windscreen sticker forms part of the revolutionary IDePLATE system developed by Tönnjes E.A.S.T. This includes the IDePLATE vehicle licence plate with its integrated UHF chip, the IDeTRUST software and corresponding readers. "What makes the integrated UcodeDNA UHF chip so special is that we can use this technology to cover a range of over ten metres with state-of-the-art encryption technology – even while driving", states Mönning. The products developed by Tönnjes E.A.S.T. and its partners are used in over 120 countries. The German company is a global market leader in the field of automated vehicle recognition.

You can find more information at [www.toennjes.com](http://www.toennjes.com).

### **About J.H. Tönnjes E.A.S.T. GmbH & Co. KG**

Tönnjes E.A.S.T. is a leading provider of security licence plates, offering its customers vehicle identification solutions to meet a wide range of requirements. Its RFID products, the IDePLATE (RFID licence plate) and IDeSTIX (RFID windscreen sticker), are used to protect against manipulation, fraud and theft. Equipped with state-of-the-art technology, the company develops modular systems and end-to-end solutions for the production and distribution of licence plates to meet security, organisational and logistical specifications.

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