

CASE STUDY

Background and Task

After the government of the Philippines tried to restructure the production of license plates in the country in 2013, there were severe supply bottlenecks. The result: Many vehicles drove through the streets without proper license plates. For this reason, three years ago, the Land Transportation Office (LTO) commissioned TÖNNJES to develop a local production and decentralised output system to ensure the reliability of vehicle recognition and to pave the way for digital applications in the field of mobility. Last year, TÖNNJES also received the order to equip all motorised two-wheelers in the island state with security tags and its innovative RAIN RFID sticker for the headlamp called IDESTIX Headlamp Tag.



Country	Philippinen
Scope	9 million vehicle number plates and RFID tags
Start	2018



Strategy and Mission

TÖNNJES decided to establish a joint venture in Manila - as it does at its other 50 or so locations worldwide. Thus, a local branch office with local shareholders was created, which was able to implement the development and implementation of the project with the local licensing authority. The company from Germany supplied the know-how, the corresponding technology and the blanks for the license plates, which are personalised on site. In addition, TÖNNJES fulfilled the request of the Philippine government to upgrade the various registration offices and to involve them in the personalisation process so that they are able to issue the license plates directly for new registrations in the future. When opening new locations, TÖNNJES always aims for long-term and sustainable partnerships.

Solution

Thanks to the good cooperation between TÖNNJES, the local joint venture partner Trojan Computer Forms and LTO, a state-of-the-art production facility with an annual volume of up to four million license plates has been created in Manila, which is now operated independently by LTO following a Built Operate Transfer. The equipment includes manual stamping presses, hot stamping machines, the IDeROBOT, QA stations and order management software. Since the end of 2019, production also includes IDESTIX headlamp tags and license plates for motorcycles. The introduction of the RAIN RFID stickers for the electronic identification of each vehicle is a fundamental part of the project and enables future digital applications such as colour coding, a contactless program to reduce traffic congestion.

"With the establishment of the new license plate production, TÖNNJES fulfils a central concern of the Philippine government: All registration offices hand out license plates and RFID stickers directly and without long waiting times to vehicle owners. They can even identify cars, motorcycles and scooters themselves with the smartphone thanks to the introduction of QR codes."

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