

THE CHALLENGE

Intelligent identification of industrial processes with RFID solutions

A case study



OUTSTANDING QUALITY REQUIRES OUTSTANDING LABELLING

Our customers are facing ever-greater challenges when it comes to **digitising their own processes**.

There are various systems and labelling solutions on the market. Standardised integration into own processes is often difficult.

It doesn't matter which industry you are in or which products you produce. **Automobile manufacturers** face the same challenges as **logistics service providers** or **traditional machine manufacturers**. Even in **hospitals**, digitalised labelling already plays a decisive role.



Cost efficiency often also means a high degree of standardisation. But precisely this combination does not work due to the **individual requirements of many companies**.

Therefore, it is important to combine **RFID technology** with the **appropriate carrier solution** in order to be able to respond to different requirements.

We offer RFID solutions for the following application areas



Logistics



Process management



Resource management



Equipment maintenance

THE SOLUTION

Individually developed RFID transponders

The result of years of development expertise in the field of plastic fastening solutions for the automotive industry.

„Finding the right identification solution for customers from a wide range of industries is a big challenge. However, when we work jointly with customers, intelligent solutions often emerge that no one had thought of before.“

Ingo Heemeier
Product Manager for Labelling at
HellermannTyton

The requirements determine our solution

Whether **bundling, gluing, screwing, riveting** or even **welding**, our RFID portfolio offers the right fastening solution. And if none of these are quite right, we will work together with you to discover how we can **intelligently identify your processes**.

Our RFID transponder tags offer **LF, HF** and **UHF** frequencies. Made from the right material, we offer hard tags that can withstand even the **toughest environmental conditions**.



THE RESULT

Simply manage tools and spare parts digitally

Two practical examples of smart RFID asset management



The right products for your application

Managing tools cost-effectively and easily is a major challenge for many companies. Thanks to HellermannTyton's RFID products, tools can be easily marked and digitally managed by operators or service technicians. Even extreme environmental conditions, such as offshore use, are no problem thanks to special RFID stainless steel cable ties.

The investment costs in the integration of the software and the acquisition of the labelling are offset by the avoided costs.

The costs can be quickly recouped by avoiding the loss of tools.

If it's not the tools that need to be identified, but the spare parts, HellermannTyton offers the right solution here, too. Particularly high-quality spare parts, such as hydraulic hoses, can be simply labelled and scanned by service technicians on site. In this way, it is determined in real time where stock is available or whether parts may need to be reordered.



RFID stainless steel cable tie

Type 316 stainless steel cable ties are equipped with a transponder and are predestined for all areas with high requirements for holding force and resistance in adverse environments.

HellermannTyton

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