

## **RFID - Best packaged intelligence**

Technological proved identification systems are applied to various applications today.

Examples are production and process control, logistics and animal identification. AEG Identifikationssysteme GmbH (AEG ID), Ulm/Germany is a leading manufacturer of identification systems. The outstanding profile of AEG ID is characterized by customized system solutions. AEG ID's product scope is based upon two production lines: transponders and read/write devices adjusted to the application.

Housings of transponders can be optimized for each desired purpose. They will cope with different requirements such as small size, easy installation, large reading distances, resistance against humidity, high temperature and other hard environmental conditions.

These requirements influence decisively applications in automation processes, anti-theft systems, logistics, access control, animal identification, waste management and tracking of kegs, containers, gas bottles or pallets.

Transponders are mainly used in production lines of the automobile and beverage industry to ensure a reliable production process.

Example: soft drink or beer kegs equipped with transponders can be tracked throughout the whole supply chain. Documentation of each cleaning and filling process is based upon the transponder data and will reduce the failure risk substantially.

AEG ID offers either standard tags but also customized system solutions.

The company was founded in Ulm, Germany in 1996. Read/write devices are completely developed and manufactured in Ulm. Various transponder types are produced in AEG ID's second production plant in the Czech Republic.

The main focus of AEG ID is the combination of best packaged intelligence and state-of-the-art technology in transponder and reading system products.

## **"Everything you need to know!"**

Something so self-evident, was considered unthinkable only a few years ago. The subject is transponders and its associated read/write systems, which we at AEG ProID and AEG TransID divisions, develop and manufacture for virtually every area of application.

We thereby offer our customers tailormade solutions, requiring the minimum of maintenance over the years ahead. This helps in keeping costs down, whilst also, for example in large production runs, retaining the ability to react flexibly to outside demands. The faster a piece can be assigned to a particular order, the lower total cost and process time.

Of course, the economic benefits of such systems are much more far-reaching than this one example can show. The prerequisite is, however, that you have a partner who can develop a complete concept, custom-tailored to meet your needs. The AEG ID portfolio of products includes everything from the large-scale transponders developed by our AEG TransID Division to the assembly of complete systems. AEG ProID offers you help and advice in planning, assembling and implementing your system right from the start. Thus we ensure that your requirements are realised in the optimal way

## **We have more than ten years of experience.**

AEG ID started its work on transponders in 1989 when it was spun off from the earlier AEG Opto- and Vakuumelektronik. Since then, we have developed numerous solutions, some of them uniquely innovative and even patented. We focus squarely on achieving our client's economic goals. To ensure that all components will keep working for years to come, we only accept the lowest definable manufacturing tolerances for all essential parameters. Furthermore, we also assure the long-term availability of everything we produce.