IBM presents on the CeBIT innovative solutions for the employment of RFID

Crucial role in the quality assurance of goods and products


Kurt Rindle, IBM

Stuttgart, 07.03.07 - the areas of application and functionalities of **RFID** constantly extend. Often it concerns no longer only the complete Nachverfolgbarkeit (**Tracking**) and the perfect identification from products and goods, but for example also around topics such as temperature measurement or fresh-oh-point and - control the perishable goods. **IBM** presents a whole number of new solutions, which document the substantial range of the employment of RFID with renowned partners.

„We are convinced of the future ability of modern RFID solutions ", say **Kurt Rindle**, world-wide responsible for the topic RFID with IBM. „Nevertheless it does not concern thereby any longer alone only higher efficiency and cost saving. Rather RFID will play in the future also a crucial role in the quality assurance of goods and products. We are firmly convinced of the fact that the use of RFID solutions will continue to win at travel. Many concrete projects with German enterprises show visible successes. That is also necessary. Because the critical mass for the lasting market success of RFID solutions can be achieved only with a positive Return on Investment.

Quality assurance in the case of medicine transport
IBM and **DHL** present for the first time a together developed solution for the Pharmaindustrie, with which it goes around control and documentation of the temperature during the entire transport of a medicine. Are used for this special RFID sensor tags, which were developed by the California company **Infratab**. The measuring data are available at each point of selection, so that senders, receivers or tester always can examine the condition of the products. The new sensor day is a combination made of temperature sensor and RFID Funkchip. A temperature range defined before can be supervised continuously and be picked out by him at any time noted as well as the data, without having to open for this the bundle. „With it Pharmaunternehmen can react to Kurt Rindle already during the delivery process promptly to possible transportation problems ", so.

Higher transparency and efficiency at the container management
How container management in the automobile industry can be arranged better, shows logistics container management solution, which by **Daimler Chrysler** and IBM was developed together. It secures the consistent pursuit of containers along the entire Supply chain and provides thereby for a higher transparency and more efficiency of logistic processes.

Secure identification of automobile components
For producing enterprises like the automobile industry the complete collection of construction units is a central topic. The punctual identification of incorrect parts is importantly indispensable for the error management and, in order to avoid quality faults. IBM presents together with its partners **IBS AG** and **Keiper**, how over RFID data in a Tracebility and a production management system seized are integrated.

This solution plays also with the **LAENDmarKS initiative a** central role, with which within a process-spreading co-operation by partners in automobile production a constant **Nachverfolgungssystem** for automobile components is developed. If error in production arises, all concerning are informed automatically and to be able steering in the logistics chain to intervene.

RFID in the indication of maintenance
Likewise in Hanover IBM subsidiary IT-**services and Solutions GmbH** shows, how by RFID and helicopters supply lines - for instance Stromleitungen - can be waited efficiently. In addition the enterprise developed a mobile IT-solution together with **MICUS management Consulting**: Current masts, in addition, natural gas or long distance water pipelines are equipped with RFID tags and identified from the helicopter clearly and selected important data. The information is then sent over portable radio to the directing centers of the supply enterprises. By such a solution the expenditure for control of the supply systems sinks substantially. Because the technicians can assign and coordinate directly from the helicopter maintenance and repair employments.