

## **Stimulating Presentation Enthuses Trade Audience**

# **CIM and INDYON Present Alternative RFID Solution at the 16th Material Flow Congress**

*Fürstenfeldbruck, 16 April 2007 – A pilot project entitled “RFID Tracking in Intralogistics” caused much excitement at the 16th German Material Flow Congress in Munich. The project is led by CIM GmbH and INDYON GmbH, two leading industrial partners of the Department of Materials Handling, Materials Flow and Logistics (fml) at the Technical University (TU), Munich.*

### **PROLAG® World meets RFID**

This year, warehouse management system provider CIM teamed up with systems provider INDYON to present integrated RFID logistics processes for manual block or shelf storage. The purpose was to demonstrate the RFID-supported traceability of goods across the complete intralogistic process, from storage to relocation and on to retrieval.

The pilot project was realised by close cooperation of the two industrial partners with a research team from the fml, under the leadership of Prof. Williband Günther. During the two-day congress, CIM and INDYON demonstrated the smooth interaction of the PROLAG® World Warehouse Management System (WMS) with the Track+Race® RFID positioning system. Of particular interest was that the goods are traced indirectly by combining information from the WMS with the location of the fork lift trucks, and not by tracking the objects themselves.

RFID transponders fixed to the warehouse floor enable the location to be determined with centimetre-accuracy. The load and fork height are tracked using sensors and sent to the WMS with the location report.

### **Efficient RFID Tracking**

As preparation for the practical demonstration, the fml presented the results gained from the research and development of RFID technology.

The "RDIF Tracking in Intralogistics" pilot project presented to the trade audience various stages from an everyday intralogistical cycle:

- Receipt of goods at the I-Point with batch capture of the goods using RFID reader
- Automatic allocation of storage location on passing the gate
- Palette delivery and collection at the production source/sink
- Relocation and retrieval within block storage

The demonstration in the research hall was attended by, at times, more than 80 visitors simultaneously. "Interest in RFID as a warehouse workhorse has exceeded all expectations. At times we were almost overrun," said Dipl.-Ing Michael Salfer from the fml in response to the visitor storm.

The proposed solution distinguishes itself through its cost minimisation. Alongside the potential for material savings (no need to print barcodes and receipts), significant time savings are to be expected. No scanning means no waiting. No waiting means more picks per shift.

"We have succeeded in presenting the close connection between theoretical knowledge and the practical considerations of two industrial partners in an intuitive manner to an expert audience," said marketing managers Tobias Laxa (CIM) and Korbinian Sapper (INDYON) in summary of the congress.

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**Background Information: CIM GmbH Logistic Systems:**

CIM GmbH Logistic Systems, based in Fürstenfeldbruck, Munich, was founded in 1985 and is a leading provider of Warehouse Management Systems (WMS).

PROLAG® World, the firm's WMS solution, is SAP certified and has been validated by the Fraunhofer Institute for Material Flow and Logistics. In June 2006, CIM became a Microsoft Gold Certified Partner. Furthermore, CIM GmbH Logistic Systems are research partners with the Department of Materials Handling, Material Flow and Logistics at the Technical University in Munich. Thanks to its modular design, the JAVA software application adapts flexibly to the needs of each warehouse. As PROLAG® World is web-based, there is no need for lengthy installation.

Numerous customers from diverse fields have benefited from our solutions over many years. These include, amongst others, Adam Opel, BTG Feldberg & Sohn, Butlers, Casio Europe, Cuisines Schmidt, ESG, Ferdinand Gross, Gabor, HaberkornUlmer GmbH, Harman/Becker Automotive Systems, Keller & Kalmbach, Meffert, Siemens, Sony Austria, Thyssen Krupp and XOX Gebäck GmbH.

More information under [www.cim.de](http://www.cim.de)

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