

## Intelligent Container Management allows safe supply chain and monitoring of the cold chain

*In the ForFOOD research project, IT service provider EURO-LOG combined container information with Track&Trace data*

**Hallbergmoos-Munich, 19<sup>th</sup> of May 2015** – As part of the ForFOOD research project, EURO-LOG's Container Management System has helped create a more transparent supply chain for the food industry. Under a project carried out by the Institute for Materials Handling, Material Flow and Logistics (fml) and the Department of High Frequency Technology at the Technical University of Munich, in partnership with DYNAMIC Systems GmbH, Edeka Handelsgesellschaft Südbayern mbH and GEBHARDT Food & Retail Solutions GmbH, EURO-LOG became involved in developing a safe and efficient supply chain for the food industry and improving quality and efficiency in the production and distribution of foods through optimum use of resources. EURO-LOG made its Container Management software available and incorporated Track&Trace data into the software to monitor deliveries.

The project started out with the goal of making the food industry supply chain safer and more efficient through the use of intelligent containers. It focused on cold chain monitoring as well as product tracking. Monitoring of the cold chain serves above all to safeguard food quality within the supply chain. The idea was to use intelligent containers which would display the climatic conditions and communicate these via RFID. The information flow and the container flow were to be parallelized.

From projects in a wide range of sectors, such as the automotive industry, EURO-LOG already has experience of linking different types of information from existing IT systems. EURO-LOG is also experienced when it comes to using mobile data to generate real-time data by connecting IT systems with logistics apps for smartphones and tablets. Linking all this data allows real-time communication along the whole supply chain. Individual shipments can be controlled and monitored from start to finish.

The findings from the ForFOOD project are channelled into the ongoing development of EURO-LOG's IT systems, enabling temperature monitoring in food logistics using EURO-LOG systems. Currently the IT service provider is also working on a method of reading temperature data via the Mobile Track logistics app. This allows not only the capture and distribution of status data, but also the

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complete communication and documentation of all transport modes with just one app and one terminal device.

#### **EURO-LOG AG**

The IT service provider EURO-LOG was set up in 1992 as a Joint Venture by Deutsche Telekom, France Telecom and Digital Equipment. In 1997 the business became a "people owned company" and, under this dynamic, developed into a leading provider of IT and process integration. Today more than 80 employees at the head office in Hallbergmoos-Munich, with its own computer centres, are providing innovative applications and individual links for continuous efficiency in logistics processes between suppliers, service providers, commerce, industry and customers.

EURO-LOG produces cross-company process solutions for both forwarders and dispatch businesses. For the forwarding industry EURO-LOG offers, among other things, solutions such as Supply Chain Management, Freight Management, Transport Management, Container Management, Time Slot Management and E-Billing. The Dispatch Portal, Mobile Logistics Solutions such as Mobile Track and Pallet Management are solutions specially developed for logistics service providers. These days, customers from the automotive industry, trade, high-tech, electronics, consumer goods, chemicals and pharmaceuticals, logistics services and cooperatives, express parcel services, machine construction and others are using the integration solutions from EURO-LOG.

You may find further information on EURO-LOG under [www.eurolog.com/en](http://www.eurolog.com/en).