



# Optimised business processes thanks to complete RFID solutions

RFID stands for radio frequency identification and enables the contactless identification and localisation of objects in real time - even without visual contact. The information is stored on RFID tags and delivers standardised, valuable tracking information that is read with RFID readers. This greatly increases and automates the efficiency of the entire value chain in industry, logistics, vehicle detection and retail. With our unique "CrossTalk" software solution, consolidated data can continue to be used in the process.

## RFID from a single source

Enkom is a company in the Kathrein Group, a leading manufacturer and system integrator. Thanks to its experience, Kathrein offers first-rate, tailored identification solutions using UHF technology. Our solutions in the areas of tags, readers and software cover the entire RFID ecosystem. We realise RF simulation, application

support, software integration and implementation, including operation and maintenance, all from a single source. We serve as a partner who supports you fully in all stages of the life cycle of your solution.



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## Technological leader in the area of RFID

Enkom has expertise in UHF technology that is unique in Switzerland and, as a member of the Kathrein Group, has its own globally leading RFID product portfolio. This is developed and manufactured in Germany in accordance with the guidelines of the strict ISO TS 16949 and DIN EN ISO 9001 standards. We operate a proprietary test laboratory in Switzerland and are able to carry out more extensive analyses at Kathrein's own test centre.

We have innovative, high-performance RFID hardware such as readers and antennas. Our globally leading, SAP-certified CrossTalk software allows for plug-and-play readers and the building of robust total solutions.

Its ability to be flexibly integrated into various IT environments is unparalleled. Any identification technology, such as barcode readers or RFID labels, can be seamlessly integrated in order to be depicted graphically by means of track and trace visualisation, for example. Interfaces to ERP and SCM systems can also be established.

## Our solutions and applications

In addition to experience in a range of industries, Enkom also has extensive knowledge of ready-made and specifically formulated solutions.

**Industry** - The use of RFID in industry is particularly suitable for making automation and production processes more efficient and transparent.

**Logistics** - Our new, intelligent readers can quickly and securely detect several hundred transponders. The direction and position of a moving transponder can be easily recognised over large distances.

**Vehicle detection** - Due to its long range, RFID technology can be used to depict detection, controls and authorisations, in particular for vehicles and other means of transport.

**Retail** - The RFID-UHF merchandise protection system allows inventory levels to be significantly reduced. Logistics processes can be optimised over large distances and countries.

## Enkom provides you with comprehensive support

As a comprehensive provider of industry-specific solutions, Enkom has successfully implemented a broad range of ICT projects in recent years. Thanks to our product portfolio, many years of experience and implementation expertise, we can help you develop a tailored overall solution.

### Industry



### Logistics



### Vehicle detection



### Retail

