



Rabobank

CaptureTech
Automated
Data Solutions

CaptureTech is an international, independent specialist in the area of Automatic Identification. The company designs, develops, implements and maintains integrated solutions for logistic applications, using the most advanced techniques in bar-codes, RF, RFID and voice recognition. CaptureTech's aim is to provide long term, viable and solid solutions with a high return for its customers. They offer these solutions by focusing on innovation, quality, reliability and service. CaptureTech provides its customers with an optimal system that supports their business needs in a powerful and efficient manner which results in a competitive advantage.

For additional information on CaptureTech: www.capturetech.nl

CASE STUDY:

An RFID-Based Cash-in-Transit Solution

THE CLIENT

With a retail network in the Netherlands of over 1300 branches, Rabobank is one of the world's largest banks, Europe's largest Internet bank and the Netherlands' largest retail bank. Rabobank deployed an RFID-based cash-in-transit solution in 200 of its branches in The Netherlands. The application, a first of its kind on the market, will enable Rabobank to conduct person-independent cash delivery, allowing for more efficient, and safer, cash deliveries.

THE CHALLENGE

In the past, the transfer of cash has required a personal transaction between a Rabobank agent and cash-in-transit employee. When a delivery was made, a bank employee had to be physically present to receive the monetary transfer and provide the cash-in-transit employee with a receipt confirming the completed transaction. Not only was this a labor-intensive process, but this process was often targeted by thieves, putting the bank staff in dangerous situations.

THE LEGACY SYSTEM LED TO:

- High risks for bank employees, resulting in greater security demands
- The need to deliver cash within pre-defined timetables, leading to high security risks and less flexibility for cash-in-transit companies
- Less customer-facing time for bank employees

THE PROJECT TEAM

Rabobank asked CaptureTech and TAGSYS to provide a complete tracking solution based on CaptureTech's experience in automated identification and TAGSYS' track record in customizing RFID technology for complex environments where metal is involved.



TAGSYS develops comprehensive multi-band RFID infrastructure for item-level tracking. This universal infrastructure includes purpose-built readers and tags, as well as RFID management software, all designed to work together seamlessly, at the highest performance levels, in the most demanding environments. With a proven track record of delivering reliable production systems, TAGSYS has deployed over 100 million tags and 60,000 reader systems to over 500 customers in more than 40 countries. More information on TAGSYS can be found at www.TAGSYSrfid.com.

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THE SOLUTION

The solution includes 2 major components:

- Bank seal bags integrating TAGSYS HF RFID tags that can be identified by RFID readers developed by TAGSYS and installed inside the bank's network of more than 200 steel safes. When a cash-in-transit employee delivers the money via sealed bags, the RFID reader identifies the tag and the information it contains from within the metallic environment, confirming the bag's arrival.
- "SealTrack™", management software developed by CaptureTech that manages and monitors cash-in-transit flows within the bank's network.

THE RESULT

Over 200 safes are now RFID equipped and the solution is integrated into the bank's system. As a result, the automation process enabled by RFID technology assures:

- Automated real-time inventory of money bags in the safe
- Automatically recorded and monitored bag check-in and checkout
- Elimination of the need for bank staff to attend to cash deliveries, increasing their security and freeing them up for more customer facing time.
- Cash-in-transit companies enjoy more flexibility in planning deliveries to the branches.
- Real-time monitoring of cash inventories allowing for improved cash-in-transit forecasting.

FUTURE DEVELOPMENT

Rabobank plans to roll-out the RFID implementation to their entire safe collection consisting of over 500 units. In addition, Rabobank intends to extend their RFID implementation directly into the design of any safes acquired in the future.

CONCLUSION

The application is the first of its kind in the market. "TAGSYS has a strong track record of successfully deploying item-level tagging in select vertical markets; when it came to developing an application addressing the banking industry's requirement for an RFID-enabled cash-in-transit management solution, they were our leading choice for a collaboration partner," said Sander de Ridder, Managing Director, CaptureTech. TAGSYS and CaptureTech see this application as most promising for the bank industry as a whole.

