



# Reference case Mebin



## A Solution for Mebin

As part of the Heidelberg Cement Group, Mebin B.V. sells, produces and transports ready-mixed concrete in the Dutch market from their 30 concrete factories. Transportation and logistics are the core businesses of each Mebin factory. On a daily basis a fleet of over 220 truck mixers transport the produced concrete within the Netherlands. To manage this fleet more efficiently Mebin decided to further automate its logistics process. In order to do so Mebin has implemented the solution Tensing Fleet Management.

Tensing Fleet Management combines track and trace functionality, mobile data communication, mileage recording, mobile messaging and work hour logging. Tensing Fleet Management's architecture is designed to be modular and flexible. The application can be configured easily to meet client requirements.

## Tensing Fleet Management in Action at Mebin

Mebin utilized a manual status reporting system in which the driver types in a code on a special box to report status. The code depends on the actual activity: departure station, arrival work, start pouring concrete, departure work, arrival station. This code is sent through the trunking network to an automated logistics system. The planner could see the activity of the driver of the truck mixer on screen only if the driver entered a code.

With the implementation of Tensing Fleet Management the activities and the actual location of the mixer truck are automatically generated and sent through to the logistics system. The planner knows the exact location and status of the mixer truck. This information allows the planner to anticipate production needs and inform customers of delays or early arrivals of concrete.

"Our business is dependent on optimizing the number of rides a day made by our trucks," says Leo

Dekker, Director of Technology at Mebin. "The more a mixer truck transports a day or a year, the lower the costs of transport. With Tensing Fleet Management we can track our vehicles instantly and plan more efficiently."

## The Cooperation and Implementation

According to Dekker, "It is obvious that implementing a system like this is not an overnight operation. We, along side Tensing have worked very hard to make implementation as easy as possible. The first phase was completed in 2005. The next phase, implementation at Mebin and sister company Inter-Beton in Belgium, was completed in 2006. For Inter-Beton a bilingual version was developed: Dutch (Flemish) and French."

## Mebin's Choice of Tensing Fleet Management

Tensing's long running experience with automating business processes for large concrete companies made it the optimal choice for Mebin. According to Dekker, "we searched for a company with knowledge and experience in our trade. Tensing stood out with its background of successful implementations."

Tensing Fleet Management's robust basic functionality met every requirement by Mebin with the option to add a navigation system to their mixer trucks in the future. The real time display of truck status gave Mebin valuable insight into wait time at customer locations and allowed for better administration of



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working and driving hours. The track and trace function allowed Mebin to monitor driver speed and report accidents and theft quickly. Additionally, Tensing supported the RAM Mobile Data network for wireless data communication which allowed Mebin to operate throughout Belgium, the Netherlands, and Luxembourg without roaming charges.

## **Delivered Products:**

- Software: Tensing Fleet Management;
- Integration with back office system Command Alkon
- Hardware: Aplicom C-series, with touch screen, hands free speech and text messaging;
- Data communication: Mobitex or RAM Mobile Data. The application Tensing Fleet Management is RAM Ready certified.

