



Concrete moves...



OSLO
June 7 - June 8 2018



Concrete contribution to
a changing world

ERMCO
EUROPEAN READY MIXED CONCRETE ORGANIZATION

RM Digitization and Real-Time Visibility of concrete properties from load to pour.

R. Piosik⁽¹⁾, M. Baanen⁽¹⁾

(1) Command Alkon Netherlands, 3013 AK Rotterdam, NL

Abstract

Producers receive a lot of phone calls during the day from customers who want to know where their ordered delivery is, is it already on-route to their jobsite or not, how much this load exactly is, or they want information on previous or future tickets and orders. Next to this, managing paper tickets in the construction materials industry is a challenge. Using paper discourages quick billing and quick driver turn around. Further from load to pour of your fresh concrete, it's possible with state of the art technology to collect real-time concrete data, like the water-cement ratio, slump, temperature and volume. Wouldn't it be nice to be able to have real-time data of tickets, orders and fresh concrete properties throughout the entire supply chain? With the use of mobile technology, producers can now deliver electronic tickets as soon as materials are delivered and invoicing can happen even quicker, customers can look at all their tickets, orders and deliveries real-time through the use of an app, and fresh concrete properties can be monitored real-time now during transport by truck-drivers, batchers, QC and dispatch. These solutions will reduce the number of customer calls to your office, will reduce radio traffic and decrease driver time in the yard and will reduce minutes in your delivery cycle and testing. Reducing time in a lot of aspects in your supply chain, will mean you can direct your attention on more important matters and save money.

Keywords: Mobile, tools, paperless, ticketing, real-time, order, delivery, probe, fresh concrete properties