Ole Kessel

PwC Centre of Excellence in Distribution Planning Systems, PriceWaterhouse-Coopers

Real time vehicle scheduling - challenges and experiences from real life large scale implementations

PwC has in Copenhagen a Centre of Excellence in Distribution Planning Systems, that during the last decade has developed and implemented a series of state of the art real-time vehicle scheduling systems. The challenges in making such systems work in a real life environment are huge - technical as organisational. But the real life transportation planning is about making real time decisions, so the challenges must be overcomed. And they are ! During the speach, I'll give examples from running applications, covering their background and vision, solutions to and experiences from using event-driven optimisation in transportation order-booking as well as in the concurrently running re-scheduling based on GPS positioning and status-reports from the individual trucks.