

Real world newspaper distribution

Morten Smedsrud, SINTEF

Newspaper distribution is a problem that may be unsuited for a traditional local search based VRP solver like Spider for several reasons:

- Large number of orders
- Multiple criteria that may be conflicting: Customer wants visually clustered routes that are balanced in duration in addition to being as short as possible.
- Real world topologies sometimes present challenges not present in a Euclidian world.

We present a clustering based approach for this problem and point to opportunities for parallelization.