



By traffic engineers for traffic engineers

LISA M – Fixed time control & coordination of multiple intersections

Configuring, displaying, and editing a corridor to create green waves is easy and convenient with LISA M.

The coordination of public transport can be optionally taken into account.

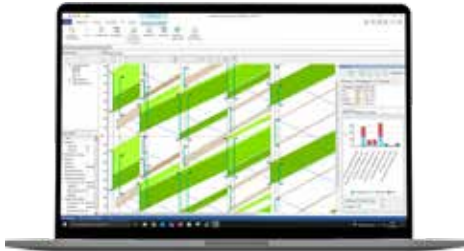
The detailed coordination evaluation and various optimization procedures support the development of optimal coordination.

fixed-time control signal timing plan
corridor green wave LISA S
HBS 2015 coordination optimization
time-distance diagram **LISA M** geometry

Configuration

Efficient compilation of a corridor, taking into account the distances between the signal groups of the selected intersections

Configuration of speeds, incoming and turner signal groups



Coordination optimization

Manually by moving individual green times or entire signal timing plans in the time-distance diagram

Combinatorial optimization of a single intersection

Analytical optimization of the entire route using the downhill simplex method

Representation

Creation of several time-distance diagrams including automatic synchronization with the signal timing plans of the selected intersections

Direct adjustments in the displayed time-distance diagrams

Evaluation

Calculation of stops, passages, coordination criterion and performance index based on the coordination flow

Evaluation results as graphical representation of the platoons



Flexible license packages offer tailor-made solutions for different requirements at a low total cost.

For further information, please contact lisa@schlothauer.de.

We look forward to hearing from you!