



## OUTSTANDING SOFTWARE LIBRARY FOR TOUR PLANING !

### APPLICATION :

- Direct callable library from any ERP- or autre application. Direct and simple standardized function calls.

### BENEFIT :

- Cost reduction of up to 10% for transportation costs. (Our case-study in a larger Swiss company showed this)
- Important advantages compared with the competitors of ERP-providers
- Simple intergation into existing ERP-Applications (supports various programming languages like: C++, Java, Delphi, C, VB, C#, u.a.)

### CONTENT :

The library can handle :

- Simple tour optimization (TSP)
- Tour optimization with time windows (TSPTW)
- Capacitated Vehicle Routing Problems (multi-tours) (CVRP)
- Pickup and delivery and Backhaul tours
- Data are easy readable direct from an Excel-sheet, the well-known TSPLIB-library, a predefined data-file or through a sequence of function calls
- Straightforward integration of linear and MIP-linear commercial and non-commercial solvers and other heuristic methods

VIRTUAL OPTIMA – Optimization that pays !

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