LocoMAX creates a locomotive operating plan that specifies active and deadhead locomotives assigned, creates locomotive connections for inbound/outbound trains and gives recommendations for light travel locomotives.
LocoMAX creates a weekly repeatable locomotive operating plan for a railroad that specifies active and deadhead locomotives assigned to each train, creates locomotive connections from inbound trains to outbound trains and generates recommendations for light travel locomotives. LocoMAX ensures that each train receives the right horsepower to pull the train at the right speed and does so at the minimum operating cost. LocoMAX system has demonstrated a 3 to 5 percent savings in locomotive operating costs.

In addition to creating optimal operating plans, LocoMAX can also be used for a variety of what-if studies including determining optimal fleet size, identifying best locomotive operating practices and assessing the impact of major train schedule changes on locomotive fleet requirements.

LocoMAX uses cutting-edge optimization techniques. It is based upon years of research and development that has been published in prestigious journals.

LocoMAX minimizes the total locomotive cost comprising ownership or leasing cost, fueling cost, maintenance cost, deadheading cost and light travel cost.

LocoMAX can determine the total fleet requirements to support a given train schedule. It can also set benchmarks for locomotive utilization and productivity statistics.

Want to see more? Go to www.optym.com