PSIcarlos
Planning & Scheduling

Increasing demands on process stability and safety require advanced tools for the transportation and storage of liquid commodities.

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A wide range of planning and supervision functions

+ Management of short-term and mid-term transport nominations.
+ Calculation and performance evaluation of supply scenarios.
+ Simulation of transports on the topology
+ Tracking of all supply and delivery activities.
+ Accounting and invoicing of inventories.

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Plan and schedule tank farms and the transportation of different liquids in multi-product pipelines. Collaborate successfully with all parties and share important information in real-time. Simulate logistic processes and evaluate various scenarios. Analyze data and communicate with business partners at different levels. Manage complex tasks and make multi-criteria decisions in combination with the Qualisicion® software.
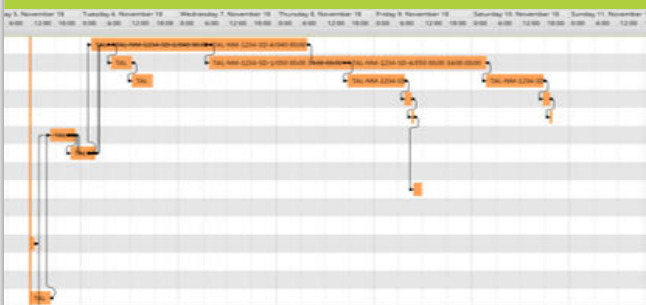
Resources and Work Orders

+ Implementation of customer business process
+ Integrated view across the entire supply chain
+ Monitoring of external & internal
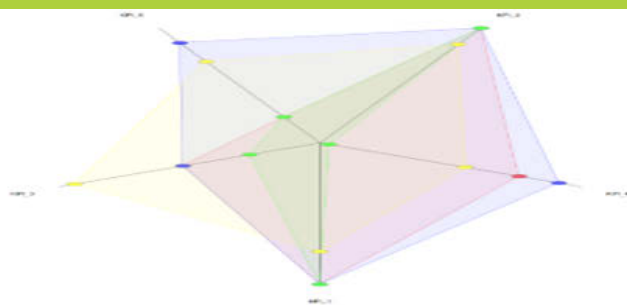 supply & delivery conditions

Supply Chain Simulation

+ Modelling of complex supply chain topologies
+ Handling of several planning scenarios
+ Calculation of KPI's, visualization of wins
  and losses

Plan Execution Tracking

+ Data acquisition from execution level
+ Progress of production process compared
  to planning
+ Pre- & post-execution communication for
  production steps

Data Analytics and Optimization

+ Verification of KPI's in course of execution
+ Execution dashboards and reporting
+ Scenarios evaluation and performance
  optimization

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