Make Smart Optimization Part of Your Daily Workflow

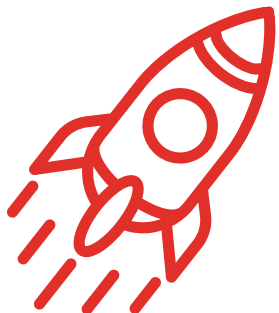Enhance SAP with a Constraint programming engine to optimize your resorces.

K-OPT takes the complexity out of your operations, helping you make better decisions, faster.

With our **Real-time Optimization Engine** & **Machine learning** tool!

HOW ?

K-Opt

Sap Add-on Optimization Solution

K-OPT is an advanced SAP add-on that helps you optimize complex decisions across your supply chain — from production scheduling to workforce planning, transport optimization, and more

KEYTECH

Key skills in a **Tech** World

Leverage the endless benefits of a Real-Time Optimization Engine & Machine Learning embedded in your SAP platform, enhancing various areas of your Supply Chain

Finite-capacity **Production Order Scheduling** with transition matrix, equipment constraints, and advanced component availability check

Capacity balancing across workstations and plant areas

Transportation planning, load optimization, and route optimization

Advanced ATP calculation and **real-time Delivery Date estimation** during Sales Order creation, based on capacity optimization

Raw material blending planning in continuous production scenarios

Optimal workforce shift planning based on business needs, personnel availability, and required skillsets

How does K-Opt work?

K-OPT is a fully integrated module that allows you to:

Configure **optimization models** tailored to your processes

Access **graphical reports** of the computed solutions

Interact with the models through **user-friendly simulations** with visible input/output and detailed context

Seamlessly integrate results with **SAP business objects** such as: **Production Orders, Purchase Orders, Shifts, Transportation Documents, Sales Orders,** etc.

Apply **relaxation rules** to ease constraints when solutions are too complex or time-consuming to compute

Compatibility & Architecture

SAP

K-OPT is fully compatible with **SAP**: all development objects are maintained under a separate namespace, ensuring zero conflicts

ERP integration

The **K-OPT** customizing framework lets you easily generate **optimization models**

K-OPT engine

Models can be executed directly from the **K-OPT engine** or triggered from standard **SAP** objects and processes

Decision making

Designed for maximum flexibility, **K-OPT** enhances **decision-making** with **smart automation** and **real-time simulations**

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