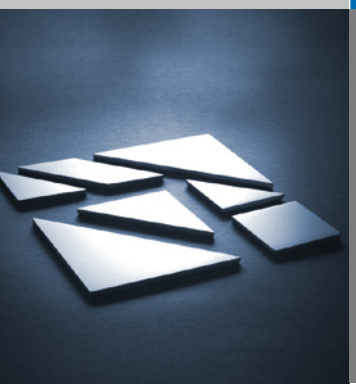
_TECHNOLOGIES | _PRODUCTS & SOLUTIONS | _SAP APPLICATIONS



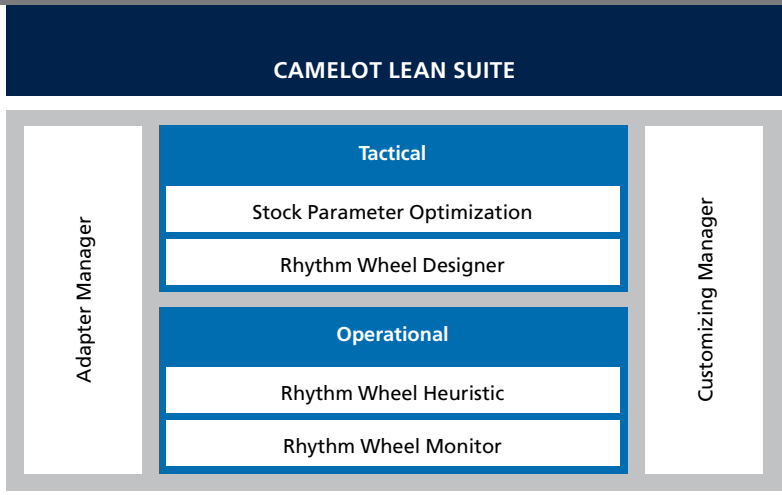
CAMELOT LEAN Suite® 3.0

CAMELOT LEAN Suite® 3.0 – for enabling LEAN Supply Chain Planning in your company's IT landscape

LEAN Supply Chain Planning is a revolutionary approach for dealing with today's challenges in supply chain planning and for overcoming the shortcomings of previous concepts. This powerful method has been developed by CAMELOT in joint cooperation with leading research institutes and key global industry players. It will enpower the company to achieve higher levels of responsiveness, improved levels of customer service, and substantial cost savings.

The CAMELOT LEAN Suite® 3.0 provides all techniques required for successfully integrating LEAN Supply Chain Planning in your existing IT landscape. As a unique add-on it is embedded into SAP APO. It enhances and extends SAP APO and is already compatible with SAP S/4HANA and SAP Fiori.

Today the CAMELOT LEAN Suite® 3.0 is covering the tactical and operational planning layer and consists of four components. Combined the components can optimize your planning, execution and monitoring activities. At the tactical planning level the CAMELOT LEAN Suite® 3.0 provides decision support for production and inventory parameter configuration and renewal. At the operational planning level the CAMELOT LEAN Suite® 3.0 supports production scheduling, adjustments of parameters and performance monitoring.



SAP® Certified
Powered by SAP NetWeaver®

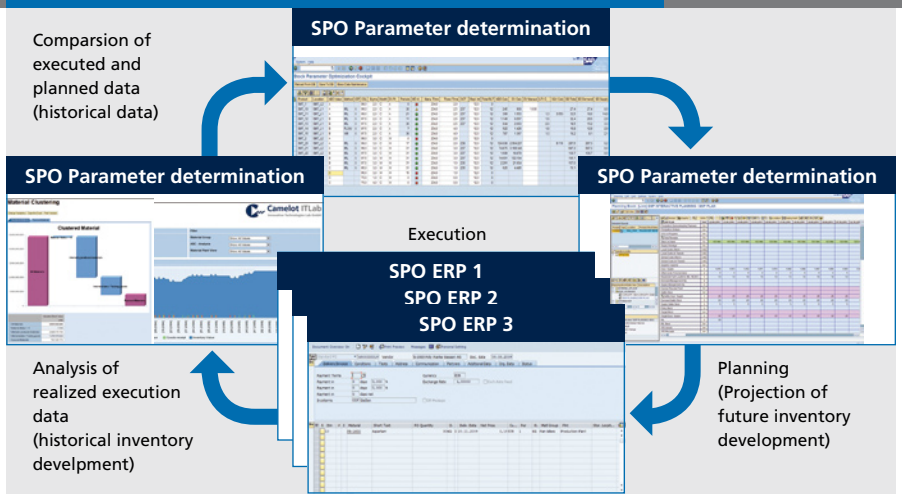
Camelot ITLab
Innovative Technologies Lab

From Innovations to Solutions.

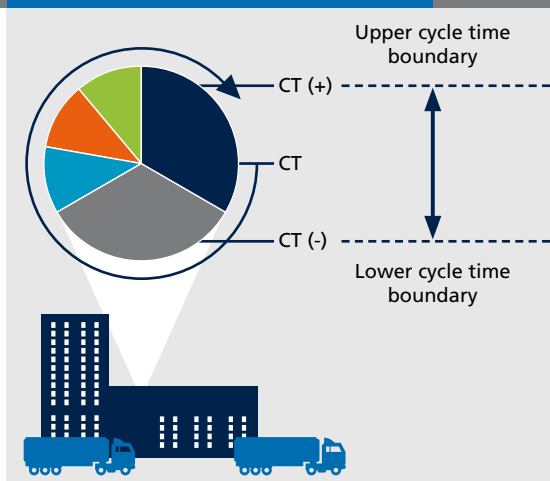
Components of the CAMELOT LEAN Suite® 3.0

Deployed in combination or separately – the CAMELOT LEAN Suite® 3.0 can be individually cut based on your requirements

_STOCK PARAMETER OPTIMIZATION (SPO)



_RHYTHM WHEEL DESIGNER



Stock Parameter Optimization (SPO)

The **Stock Parameter Optimization** tool defines advanced stock parameters and additional planning parameters which are relevant for the LEAN Supply Chain Planning approach. On top of the standard APO planning approach, **Stock Parameter Optimization** tool uses also current and historical data from ERP or a data warehouse to compare and optimize the as-is versus the planning situation. As a consequence demand and supply variability can be considered to determine the optimal stock parameters.

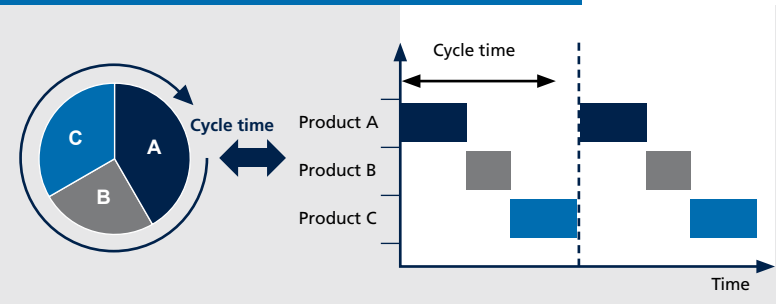
Rhythm Wheel Designer

The **Rhythm Wheel Designer** is the tool for maintenance and configuration of Rhythm Wheels. It supports the planner in creating an optimal Rhythm Wheel design. Utilizing algorithms and providing decision support, the **Rhythm Wheel Designer** enables the design of a holistic process:

- Identification of an optimal product sequence
- Calculation of cycle length based on product specific production rates, demand volumes, and resource capacities
- Evaluation of configuration with KPIs such as utilization, overall equipment effectiveness, etc.
- Final adjustments to release for planning

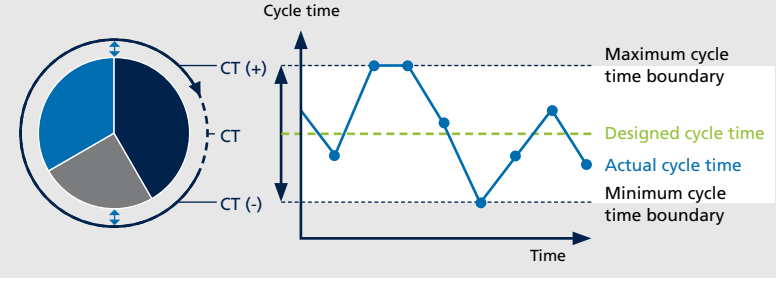
CAMELOT LEAN SUITE

_RHYTHM WHEEL HEURISTIC



_FACTORING

_RHYTHM WHEEL MONITOR



Rhythm Wheel Heuristic

The **Rhythm Wheel Heuristic** creates the planned production orders in an optimal sequence according to the design defined in the Rhythm Wheel Design. It replaces and complements standard SAP planning and scheduling heuristics available in APO PP/DS. For the creation of the optimal production schedule, the **Rhythm Wheel Heuristic** takes the following main parameters and characteristics into account:

- Stock parameters and production-related Rhythm Wheel design parameters
- Actual capacity consumption
- Additional production characteristics such as technical constraints that lead e.g. to minimum and/or fixed lot sizes

Factoring

The Camelot LEAN Suite offers a special feature to meet short-term capacity requirements: different **Factoring** options can be selected in the Rhythm Wheel Designer to actively control the cycle time within boundaries. Factoring means the adjustment of the Rhythm Wheel cycle due to violated boundaries, such as minimum and maximum cycle time. The execution of Factoring is a complementation to the **Rhythm Wheel Heuristic** by adjusting the production schedule according to short-term requirements.

Factoring logics will include methods to deallocate, reduce, split or cut off orders if the available capacity is exceeded. For instance, for adherence to maximum cycle time boundaries different factoring types are selectable in the **Rhythm Wheel Designer** depending on tactical decision taken by the planner.

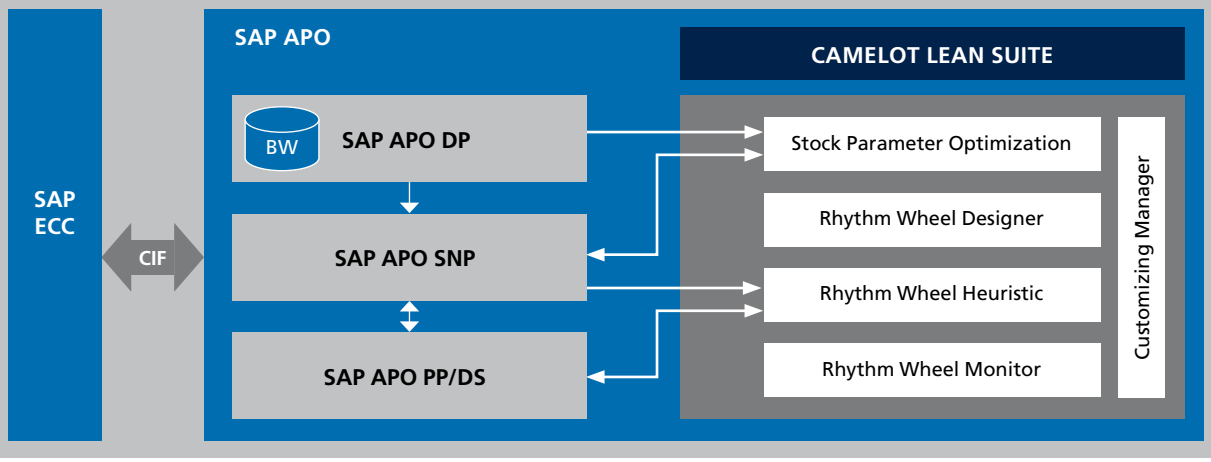
Rhythm Wheel Monitor

The **Rhythm Wheel Monitor** is used for analysis an evaluation of production scheduled with the LEAN Supply Chain methodology. The RWM compares the RW heuristic with the RW design, which provides a key advantage of the CAMELOT LEAN Suite® 3.0: it allows a direct validation of the planning effi–ciency by comparing the designed Rhythm Wheel cycles of the Rhythm Wheel Designer with the Rhythm Wheel planning schedules of the Rhythm Wheel Heuristic.

CAMELOT LEAN Suite® 3.0

_BENEFITS OF THE CAMELOT LEAN Suite® 3.0

- Innovation: the solution implements the LEAN Supply Chain Planning approach to control the increasing complexity and variability of supply chains more efficiently
- Integration: the solution can easily be integrated into the application SAP Supply Chain Management (SAP Certified – Powered by SAP NetWeaver" by SAP AG)
- Consistency: the components processes master data and transactional data directly from/to the SAP APO database and the liveCache, thereby ensuring data homogeneity
- Simplification: the components simplify planning as they provide relevant planning parameters and avoid time-consuming and error-prone manual entry or loading of data
- Holism: the solution supports planning, execution and monitoring activities



BEST OF CONSULTING 2013 – PROJECT EXCELLENCE IT-MANAGEMENT – 1. PLATZ – CAMELOT ITLAB GMBH – Wirtschafts Woche

TOP CONSULTANT – IT-Berater 2014|15

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