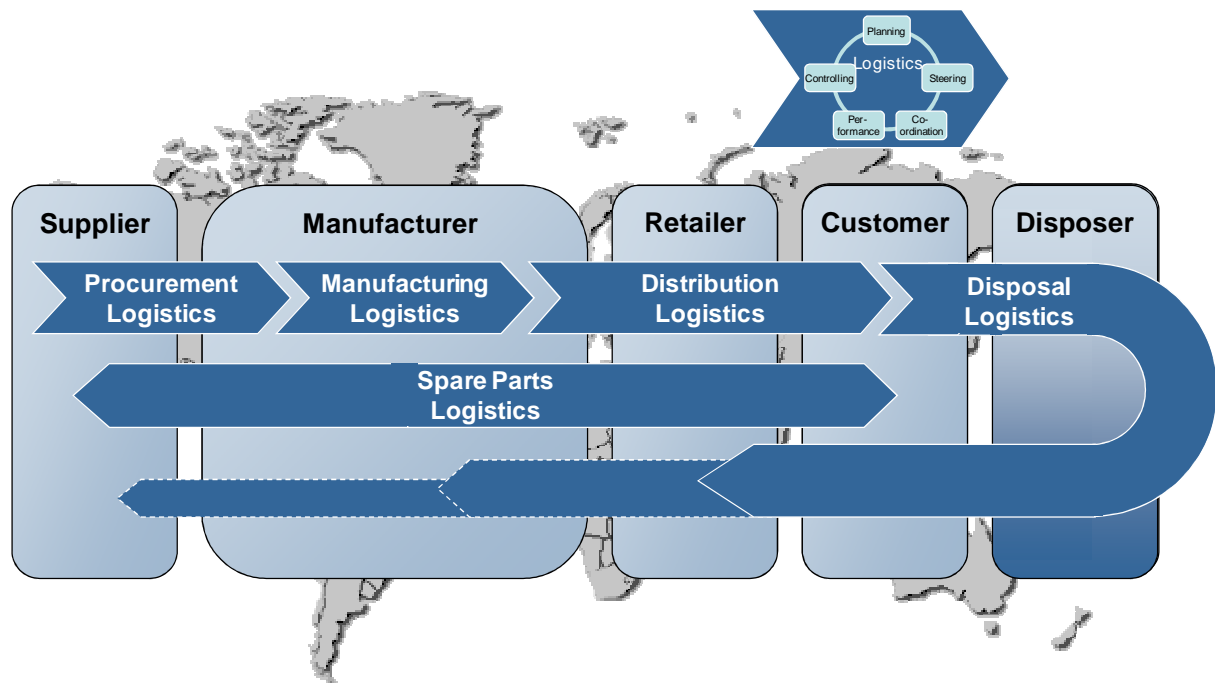# Oracle Solutions for Logistics and SCM

Optimizing the Supply Chain with SCOR-Reference Processes and Oracle Applications

Topics

Exploding fuel costs, short transportation capacities, and clogged transportation routes are threatening to torpedo the "beautiful new world" of networked global economy. Driven of seemingly immeasurable saving potentials by cost efficient production sites and alluring new target markets that seem uncountable, the Supply Chain has grown to become the central nerve of the world's economy. And because these developments are irreversible an optimal organization of the Supply Chain is a crucial factor for success. Hereby synergetic coactions of all involved business partners and simultaneous planning of products, manufacturing procedures, and marketing strategies are greatly demanded. Supply Chain Optimization therefore becomes a strongly collaborative process in which suppliers, manufacturers, retail, customers, and disposers search for an optimal solution. So the holistic focus on the Supply Chain has to reach from procurement-, manufacturing- and distribution logistics to spare parts logistics up to disposal logistics.

Holistic focus on the Supply Chain

For the longest time conventional procedures have lead to Supply Chain Optimization. The market requires new Business Software Solutions that not only support collaboration when it comes to planning, steering, performing, and monitoring comprehensive logistic processes, but gauges these within the processes. Requirements, which should be covered by modern Business Software Solutions today, are:

- Virtualization of company structures
- Pull-Strategies with globally integrated supply chains
- Outsourcing driven by resource-availability (raw materials, human resources, …), costs, and customer relations
- OEMs are replaced by contract manufacturers more and more
- Collaborative optimization and planning of supply chains
- Company-spanning Data- and Knowledge Management
- Key performance Indicator-based Process Management

PROMATIS

Oracle Solutions for Logistics and SCM

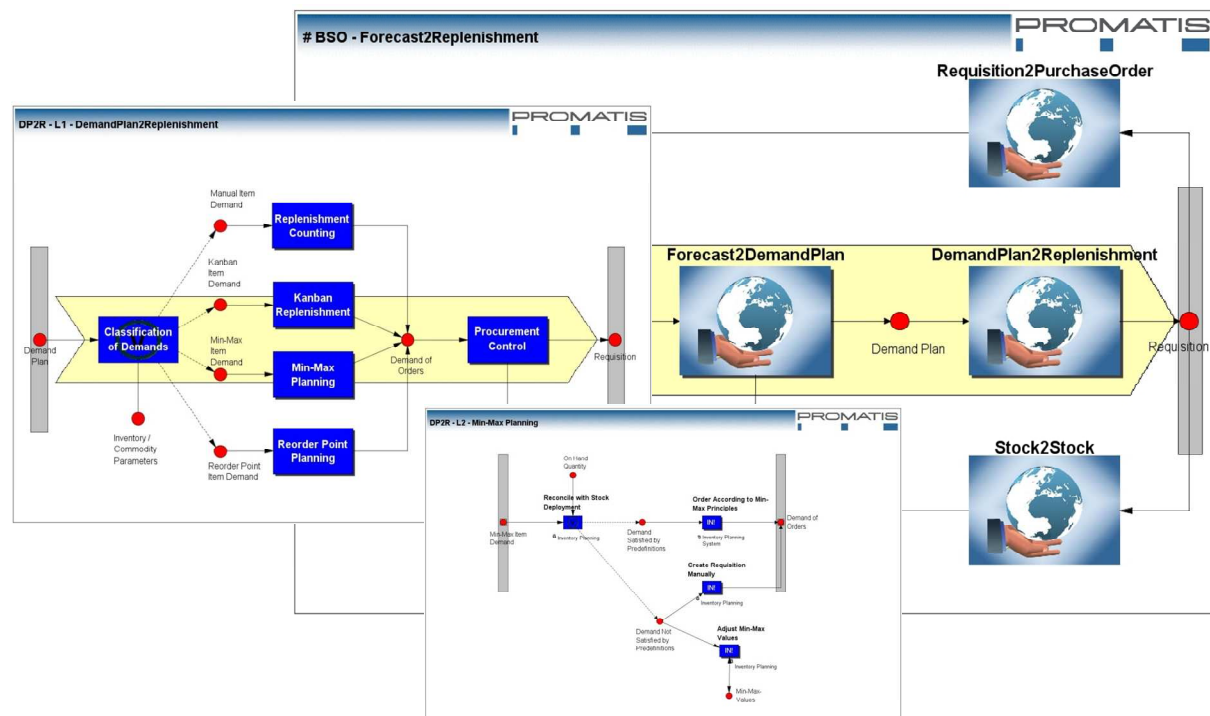## The PROMATIS Solution Concept

Since more than 15 years PROMATIS designs and optimizes business processes in Logistics and Supply Chain Management. Based on Oracle Technologies and Business Software Applications these business processes are implemented into process-oriented Application Software Solutions. Therewith PROMATIS ensures continuity and seamless integration of processes and applications – including innovation and future-safeness!

PROMATIS' Idea for Solution: Model-based Optimization and Implementation

As a strongly collaborative process, the optimization of Supply Chains calls for a uniform and easy to understand communication platform. With SCOR (Supply Chain Operations Reference Model) the Supply Chain Council (see www.Supply Chain.org) offers a proven process reference model with the aim to hand users an instrument with which they can discuss and optimize Supply Chain Management Procedures internally and with business partners.

PROMATIS uses SCOR-Reference processes successfully in business process optimizations and model-driven implementation of business software solutions. Business service models are the key and illustrate the functionalities of the Oracle E-Business Suite as complete scores of business services. The change-over from SCOR-Reference processes to Oracle applications is done by orchestrating these business service models and a concluding customization to customer-specific requirements.

The PROMATIS Business Service Models describe procedures, business objects, organizational and communicative aspects, business rules and performance indicators within a uniform graphic notation. By using the principles of abstraction and structuring even the most complex models remain clear and simple to understand. The models are stored in the Business Process Tools Income® Process Designer™ and Horus™.
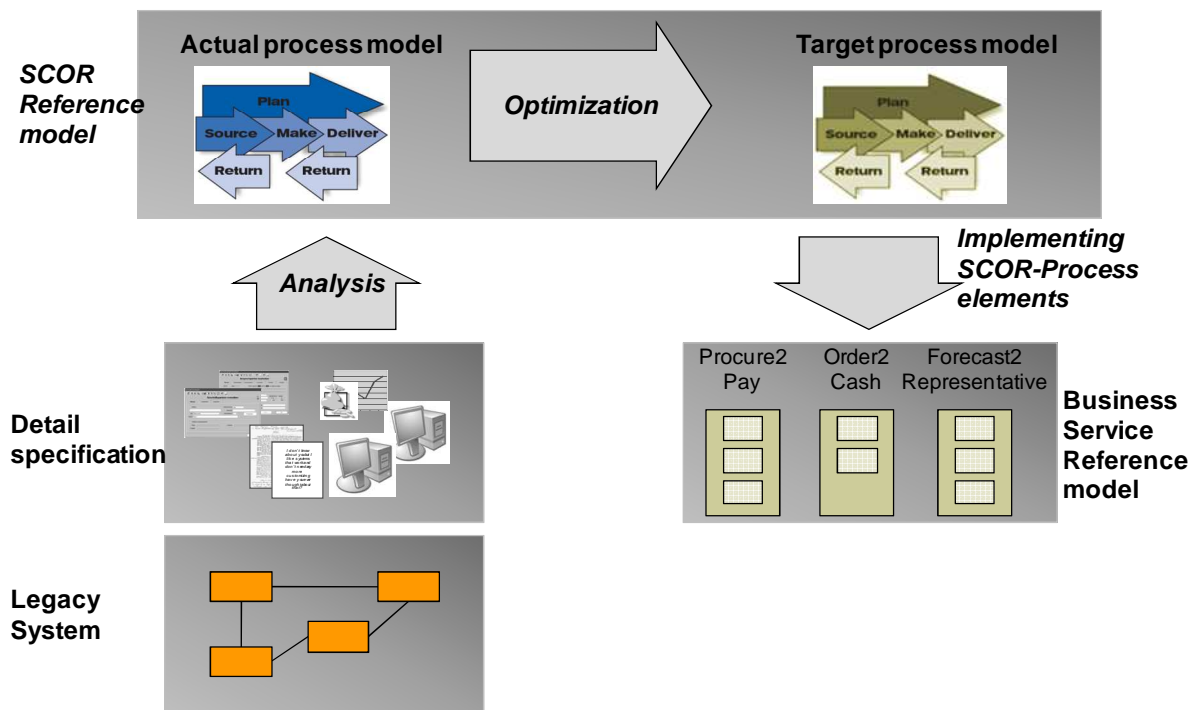

PROMATIS Business Service Models

Oracle Solutions for Logistics and SCM

Model-driven Implementation Procedures

The implementation of model-driven business software solutions follows proven procedures, which PROMATIS places into the projects by means of IQPM™ (Integrated Quality Process Model), a complete project process model. IQPM also considers specific implementation aspects that result from the using standard application software in connection with service-oriented Middleware components.

The procedure initially provides an analysis regarding the actual processes and their structure along-side SCOR-Reference processes. The process optimization then follows on a model level and leads to a target process model, which is also structured according to the SCOR-Reference model. The target process model is then mapped on suitable business service models, which are provided by PROMATIS for all common modules from the Oracle E-Business Suite. On this business service level, which is defined by service-oriented application architecture, the implementation of the Oracle E-Business Suite solution follows, including its upgrade by customized additional modules or third-party software components.

SOA-Implementation of Logistics- and Supply Chain Processes

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