SAP SCM - The whole nine yards

Purpose of this article is to give an overview of the solution map that SAP SCM provides to realize and fulfill different enterprise/industry wide business processes. It also elaborates SAP SCM best practices for successful go-live.

## Business process coverage by SAP SCM

SAP SCM (Supply Chain Management) suite covers entire enterprise wide business processes includes all the major domains (Sales order processing, Planning, Manufacturing, Inventory / Material movements, Logistics, Warehousing, Transportation, Strategic analysis, etc.)

Below is the entire footprint of the Supply Chain processes covered by SAP SCM.

Strategic Planning	Strategic Supply Chain Design		Strategic Sourcing		
Demand Planning	Forecasting & Lifecycle Planning	Promotion Planning		Consensus Demand Planning	
Supply Planning	Safety Stock Planning	Supply Network Planning & Outsourcing	Distribution Planning	Customer Collaboration	Supplier Collaboration
Procurement	Purchase Order Processing		Receipt Confirmation	Invoice Verification	
Manufacturing	Production Planning & Detailed Scheduling		Manufacturing Execution		
Warehousing	Inbound Processing	Outbound Processing	Cross Docking	Warehousing & Storage	Physical Inventory
Order Fulfillment	Sales Order Processing		Logistics Coordination	Billing	
Transportation	Transportation Planning		Transportation Execution	Freight Costing	
Visibility	Procurement Visibility	Manufacturing Visibility	Fulfillment Visibility	Transportation Visibility	Supply Chain Analytics

SAP's vision for SCM

SAP has come up with SCM solutions to transform today's sequential supply chain into the adaptive and Demand Driven Supply Chain that is driven by customer demand then driven by traditional forecasting and sequential process.
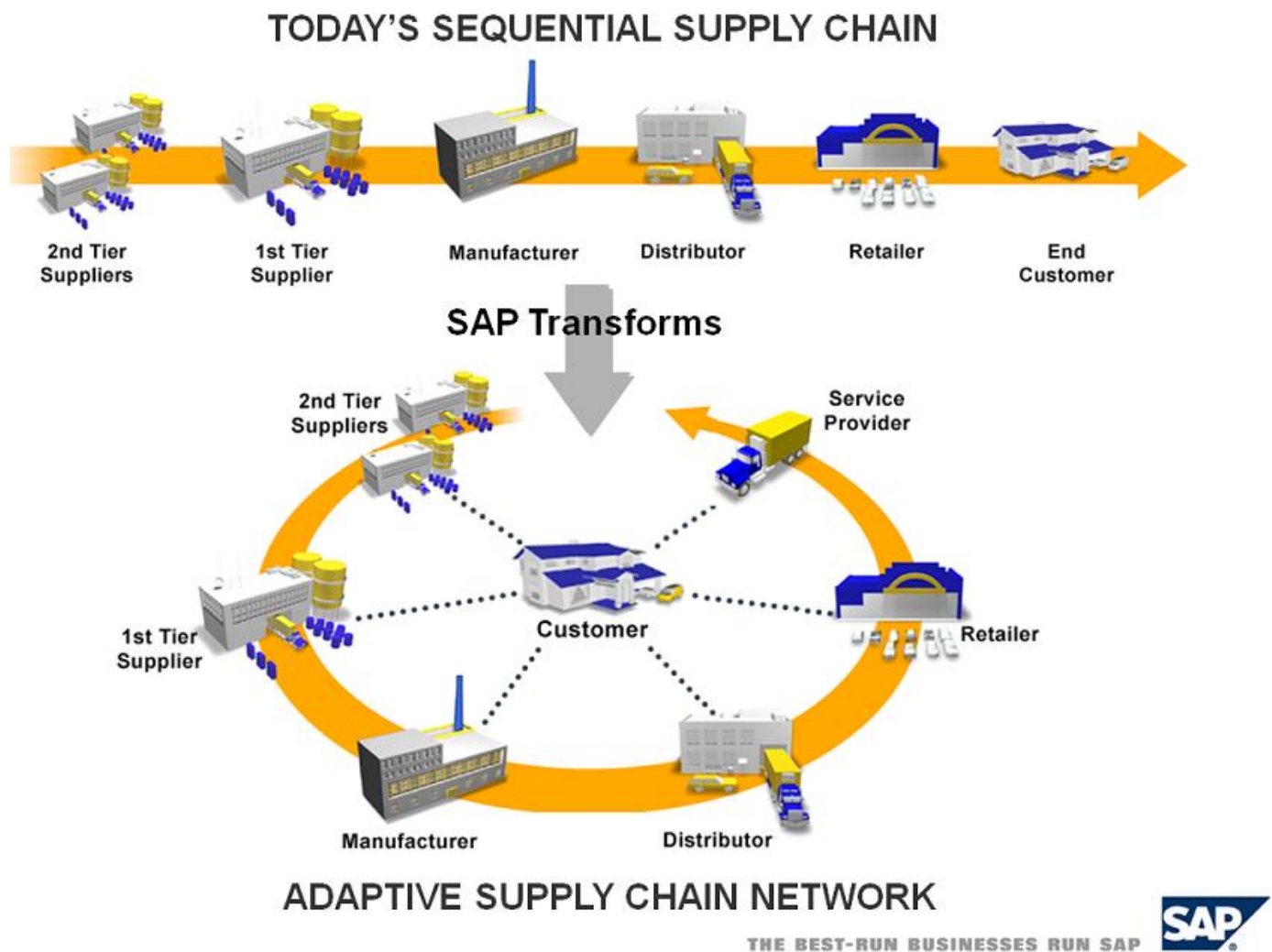
SAP SCM Supply Chain Planning Solution

SAP SCM (Previously called - Advanced Planning and Optimization (APO)) supports comprehensive planning capabilities:

- Supply network planning

- Demand planning

- Supply chain network design

- Collaborative planning processes (demand and supply)

- Production planning

- Transportation planning

- Global available to promise (Global ATP)

SAP SCM Best Practices

- SAP Best Practices are the **sound foundation** for prepacked ready-to-use business solutions

- SAP Best Practices cover well-proven **business scenarios** that help to exploit the potentials of **mySAP Business Suite**

- Flexible **building block technology** enables you to implement and adapt your solution in a very flexible way

Cost
Pragmatic methodology

SAP Best Practices

Extensive documentation

Proven preconfiguration

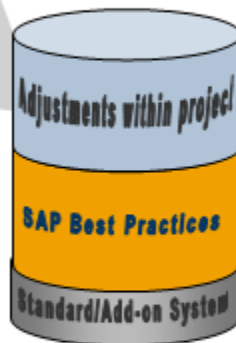**Time**   **Risk**

Components

- **Extensive preconfiguration** to set up
  a) the complete system landscape
  b) end-to-end business scenarios

- Detailed **documentation** on settings & processes

- Clear **methodology:** comprehensible step-by-step approach

Traditional project

Adjustments within project

Standard/Add-on-System

With SAP Best Practices

Adjustments within project

SAP Best Practices

Standard/Add-on System

Time and effort savings

Enable fast and easy implementation of mySAP Business Suite

Demonstration of a solution that is easy to:

- identify with
- implement
- adapt to specific requirements

Get a living and fully documented prototype within days that you can rapidly turn into a productive solution

Identification and anticipation of _reusable_ business processes and project activities

SAP SCM Best Practices scenarios

Scenarios for the Consumer Goods Industry

- Make-to-Stock
- Order Fulfillment with rules-based availability check
- Vendor-Managed Inventory

Scenarios for Automotive Suppliers

- Advanced Repetitive Manufacturing
- Supplier-Managed Inventory

Scenarios for Discrete Industries

- Make-to-Order with Capacity Check
- Make-to-Order with Component Availability Check

SAP Best Practices Building Blocks

Building Blocks

- are the technical methodology for the SAP Best Practices development and delivery

- provide SAP Best Practices users with small, flexible, and transparent pieces of functionality (Building Blocks), for example a specific scenario that can be implemented like an add-on to an existing solution

- foster inter-operability and reusability by providing the necessary guidelines and tools to enable content developers to create Building Blocks that follow a common structure

SAP Best Practices for SCM Deliverables Structure

Documentation

- BP Scenario descriptions
- BP Business process procedures

- Best Practices Scenario Installation Guide
- Best Practices Configuration Guide Step-by-step guide to be used together with the configuration role

Definition and documentation of integrated business processes

All these deliverables can be found on the SAP Best Practices for SCM documentation CD

How do I get Started ?

Prerequisite
- You have installed the software required for your solution in your system landscape (e.g. SAP BW, SAP R/3, SAP SCM)

The SAP Best Practices for SCM package contains one component:
- Documentation CD with business documentation, technical documentation, documentation templates and configuration & end-user roles

GO To prepare for the installation of SAP Best Practices for SCM, all you need is the documentation CD.

SAP Best Practices: Installation

SAP Best Practices

Business Scenario
- ☑ Scenario 1
- ☑ Scenario 2
- ☐ Scenario 3
- ☐ ....
- ☐ ....

Choose the scenarios that you would like to install

The documentation provided with SAP Best Practices enables you to make a profound decision
→ Scenario descriptions

1.

2. The Scenario Installation Guide tells you which steps you need to perform to install a specific scenario.

SAP Best Practices

SAP SCM 4.1
November 2004
English

Scenario Installation Guide

SAP AG
Release 3. 16
Germany

SAP Best Practices

SAP SCM 4.1
November 2004
English

Configuration Guide

Building Block Configuration Guide

SAP AG
Release 3. 16
Germany

3.

* The configuration role is the **counterpart** of the configuration guide

* It supports a step-by-step approach to set up a prototyping environment

▽ 🔼 Installation Guide
  ▽ 🔼 CRM - Field Sales
    ▽ 🔼 Preparation
      ▷ ✔ Related Documentation
      ▷ ✔ System Landscape Reference
      ✔ Release Levels
      ✔ ...es
      ...tion Preparation
      ...n
      ...nectivity
      ✔ OLTP Connectivity
      ✔ CRM Connectivity
        ⊕ ✔ Creating User in Client 000
        ⊕ ✔ Setting Up General Connectivity
      ▷ ✔ Setting Up Site IDs and Subscriptions for OLTP
      ▷ ✔ Setting Up the Internet Pricing and Configurator
        ⊕ ✔ Setting Up Connectivity for Mobile Sales
        ⊕ ✔ Activating the Mobile Bridge
        ✔ Defining Number Range for Employees
        ✔ Defining Grouping for Employees
        ⊕ ✔ Creating an Employee in the CRM System
        ⊕ ✔ Creating Site ID for Mobile Client
        ⊕ ✔ Creating Mobile Sales User
        ✔ Registering the Mobile Client with the Server
        ⊕ ✔ Testing the Adapter Connection
    ▷ ✔ Generation
    ▷ 🔢 Replication
    ▷ ✔ Business Configuration
    ▷ 🔼 CRM Analytics (optional)

Load user roles containing configuration activities for required building blocks into respective system and assign users to these roles.

4.

Work through user menu to install required building blocks

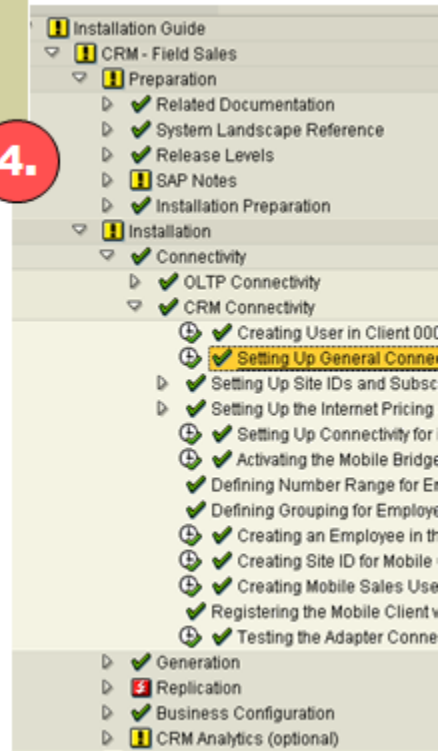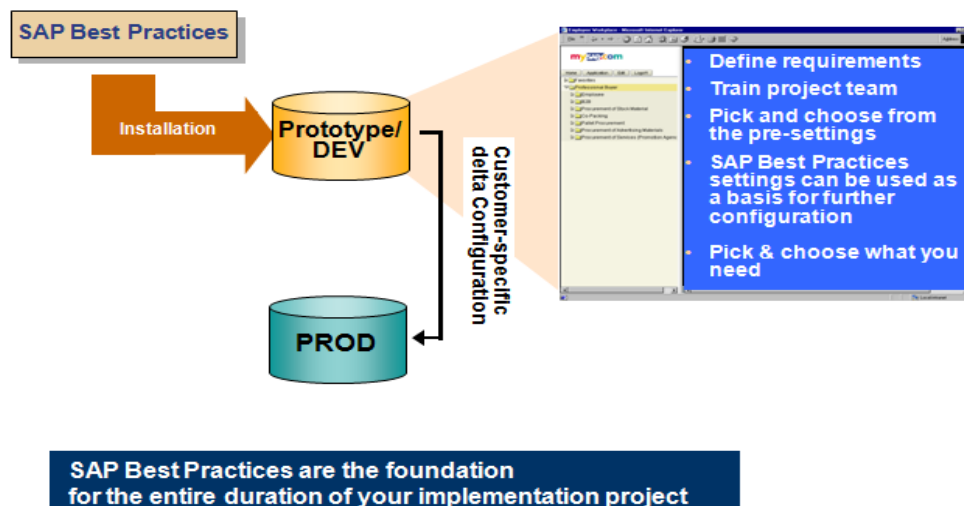Simply enter your personal data according the documentation

All steps are documented in the configuration guide

5.

Your personal solution prototype

6.

Installation Guide
  CRM - Field Sales
    Preparation
      Related Documentation
      System Landscape Reference
      Release Levels
      SAP Notes
      Installation Preparation
    Installation
      Connectivity
        OLTP Connectivity
        CRM Connectivity
          Creating User in Client 000
          Setting Up General Conne
          Setting Up Site IDs and Subsc
          Setting Up the Internet Pricing
          Setting Up Connectivity for
          Activating the Mobile Bridge
          Defining Number Range for Er
          Defining Grouping for Employe
          Creating an Employee in th
          Creating Site ID for Mobile
          Creating Mobile Sales Use
          Registering the Mobile Client
          Testing the Adapter Conne
      Generation
      Replication
      Business Configuration
      CRM Analytics (optional)

Finally, SAP Best Practices: Installation, Configuration and Go-Live

SAP Best Practices

Installation

Prototype/ DEV

Customer-specific delta Configuration

PROD

Define requirements
Train project team
Pick and choose from the pre-settings
SAP Best Practices settings can be used as a basis for further configuration
Pick & choose what you need

SAP Best Practices are the foundation for the entire duration of your implementation project

Benefits of SAP SCM Best Practices

Save time and money
and achieve predicted results

Less risks
avoid common e-Bbusiness beginners' mistakes

Empowerment
through competitive business expertise

Fast track
to extending your business solution with new business processes

No trial runs
start straight off with a fully documented prototype that is fully reusable

Failure is not an option!
it works: what you see is what you get for implementation

Ccommunication
among project team members and executives becomes more effective

Business platform for partners
evaluation, joint development, own development

Cconsistent approach
focusing on integrated end-to-end business processes

Summary

While SAP SCM offers solution to wide varieties of business processes, successful implementation can be best leveraged by SAP best practices.

Please contact us at http://www.teknokret.com if you are interested to learn more or looking for supply chain solution in this or other topics.