



mySAP Supply Chain Management Solution Map

Edition 2004

mySAP Supply Chain Management

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	

Strategic Planning

Strategic Supply Chain Design

- Supply Chain Definition (S51, S1)
- Supply Chain Monitoring (S1, S51)
- Alert Monitoring (S1, S51)

Strategic Sourcing



- Long-term Planning (S47, S51, B12, S64)
- Bid Management (S47, S51, S64)
- Contract Management (S51, S47, S64)
- Catalog Management (S51, S47, S64)
- Source Determination (S47, S51, S64)

- SAP Product Available
- ▶ SAP Product Available with Future Releases
- Future Focus

- Partner Product Available
- ▶ Partner Product Available with Future Releases
- Collaborative Business Map Available

- Sxx, Vxx, Bxx SAP Product & Service
- Pxx Partner Product
- For more information see: <http://www.sap.com>



Demand Planning

Forecasting & Lifecycle Planning



- Statistical Forecasting (S1, S51)
- Causal Forecasting (S1, S51)
- Composite Forecasting (S1, S51)
- Lifecycle Planning (S1, S51)

Promotion Planning



- Promotion Definition (S1, S51)
- Collaborative Promotion Planning (S1, S51)

Consensus Demand Planning



- Data Handling (S1, S51)
- Collaborative Demand Planning (S1, S51)
- Macro Calculation (S1, S51)
- Planning with Bills of Materials (S1, S51)
- Characteristics-Based Forecasting (S1, S51)

● SAP Product Available

▶ SAP Product Available with Future Releases

○ Future Focus

● Partner Product Available

▶ Partner Product Available with Future Releases

○ Collaborative Business Map Available

Sxx, Vxx, Bxx

Pxx

For more information see: <http://www.sap.com>

SAP Product & Service

Partner Product

Supply Planning

Safety Stock Planning

- Basic Safety Stock Planning (S1, S51)
- Advanced Safety Stock Planning (S1, S51)

Supply Network Planning & Outsourcing

- Heuristic (S1, S51)
- Capacity Leveling (S1, S51)
- Optimization (S1, S51)
- Multilevel Supply & Demand Matching (S1, S51)
- Subcontracting (S1, S51)
- Scheduling Agreements (S1, S51)
- Aggregated Supply Network Planning (S1, S51)

Distribution Planning

- Deployment (S1, S51)
- Transport Load Builder (S1, S51)

Customer Collaboration

- Exchange data with customers (S1, S51)
- Collaborative Planning & Forecasting (S1, S51)
- Stock in transit (S1, S51)
- Automatic Purchase Order Generation for VMI customers (S1, S51, S64)

Supplier Collaboration

- Data Transfer (S51)
- Release Processing (S51)
- Inventory Visibility & Simulation (S51)
- Advanced Shipment Notification (ASN) (S51)

● SAP Product Available

▶ SAP Product Available with Future Releases

○ Future Focus

● Partner Product Available

▶ Partner Product Available with Future Releases

○ Collaborative Business Map Available

Sxx, Vxx, Bxx


Pxx

For more information see: <http://www.sap.com>

SAP Product & Service

Partner Product

Procurement

Purchase Order Processing	Receipt Confirmation	Invoice Verification
 <ul style="list-style-type: none">● Conversion of Demands to Purchase Orders (S51, S64, S53)● Confirmation and Monitoring Purchasing Activities (S51, S64, S53)	<ul style="list-style-type: none">● Acknowledgement of Receipt within Logistics (S64, S51)● Material Valuation (S64, S51)	<ul style="list-style-type: none">● Receiving an Incoming Invoice (S64, S51)● Verifying an Incoming Invoice (S64, S51)● Release of Blocked Invoices (S64, S51)

- SAP Product Available
- ▶ SAP Product Available with Future Releases
- Future Focus

- Partner Product Available
- ▶ Partner Product Available with Future Releases
- Collaborative Business Map Available

Sxx, Vxx, Bxx SAP Product & Service
Pxx Partner Product
For more information see: <http://www.sap.com>



Manufacturing

Production Planning & Detailed Scheduling



- Production Planning (S1, S51)
- Detailed Scheduling (S1, S51)
- Multilevel Supply & Demand Matching (S1, S51)
- Materials Requirements Planning (S64)

Manufacturing Execution



- Make-to-Order (S1, S51)
- Repetitive Manufacturing (S64)
- Flow Manufacturing (S1, S51)
- Shop Floor Manufacturing (S64)
- Lean Manufacturing (S1, S51)
- Process Manufacturing (S1, S51)
- Batch Management (S64)

- SAP Product Available
- ▶ SAP Product Available with Future Releases
- Future Focus

- Partner Product Available
- ▶ Partner Product Available with Future Releases
- Collaborative Business Map Available

- Sxx, Vxx, Bxx SAP Product & Service
- Pxx Partner Product
- For more information see: <http://www.sap.com>



Warehousing

Inbound Processing	Outbound Processing	Cross Docking	Warehousing & Storage	Physical Inventory
<ul style="list-style-type: none"> ● Goods Receipt (S51, S64) ● Determination of External Demands (S51, S64) ● Advanced Shipping Notification (S51, S64) ● Delivery Monitor (S51, S64) ● Yard Management (S51, S64, S7) 	<ul style="list-style-type: none"> ● Goods Issue (S51, S64) ● Delivery Processing & Distribution (S51, S64) ● Proof of Delivery (S51, S64) ● Value-Added Services (S7, S51, S64) ● Delivery Monitor (S51, S64) 	<ul style="list-style-type: none"> ● Planned Cross Docking (S7, S51, S64) ● Opportunistic (unplanned) Cross Docking (S7, S51, S64) 	<ul style="list-style-type: none"> ● Inventory Management (S64, S51) ● Strategies (S64, S51) ● Production Supply (S64, S51) ● Task & Resource Management (S64, S51) ● Radio Frequency / Barcoding (S64, S51) ● Handling Unit Management (S64, S51) ● Storage and Stock Management (S64, S51) ● Quality Management Integration (S64, S51) ● Visibility (S64, S51) ● Decentralized Warehouse (S64, S51) ● Automated Workload Release (S64, S51) ● Slotting (S64, S51) 	<ul style="list-style-type: none"> ● Planning Phase of Physical Inventory (S64, S51) ● Counting Phase of Physical Inventory (S64, S51) ● Monitoring of the Physical Inventory activities (S64, S51)

- SAP Product Available
- ▶ SAP Product Available with Future Releases
- Future Focus

- Partner Product Available
- ▶ Partner Product Available with Future Releases
- Collaborative Business Map Available

- Sxx, Vxx, Bxx SAP Product & Service
- Pxx Partner Product
- For more information see: <http://www.sap.com>



Order Fulfillment

Sales Order Processing

- Rules-based Available-to-Promise (ATP) (S51, S1)
- Product Allocation (S51, S1)
- Capable-to-Promise (CTP) (S51, S1)
- Multilevel ATP Check (S51, S1)
- Backorder Processing (S51, S1)

Logistics Coordination

- ▶ Partner Ascertainment (S51)
- ▶ Perform Availability Check (S51)
- ▶ Logistics Process Coordination (S51)
- ▶ Extended Monitoring (S51)

Billing

- Creation and Cancellations of Invoices (S64, S51)
- Transfer Billing Data to Financial Accounting (S64, S51)

- SAP Product Available
- ▶ SAP Product Available with Future Releases
- Future Focus

- Partner Product Available
- ▶ Partner Product Available with Future Releases
- Collaborative Business Map Available

- Sxx, Vxx, Bxx SAP Product & Service
- Pxx Partner Product
- For more information see: <http://www.sap.com>



Transportation

Transportation Planning

- Collaborative Shipment Forecasting (S51, S1, S64)
- Load Consolidation (S51, S1, S64)
- Mode and Route Optimization (S51, S1, S64, S73)
- Carrier Selection (S51, S1, S64)
- Collaborative Shipment Tendering (S51, S1, S64)

Transportation Execution

- Shipping (S51, S64)
- Collaborative Shipment Tendering (S51, S64)
- Express Ship Interface (S51, S64)
- Distance Determination Service (S51, S64)

Freight Costing

- Freight Cost Calculation (S51, S64)
- Freight Conditions (S51, S64)
- Freight Cost Settlement (S51, S64)
- Freight Costing Extension (S51, S64)

- SAP Product Available
- ▶ SAP Product Available with Future Releases
- Future Focus

- P Partner Product Available
- P Partner Product Available with Future Releases
- C Collaborative Business Map Available

- Sxx, Vxx, Bxx SAP Product & Service
- Pxx Partner Product
- For more information see: <http://www.sap.com>



Visibility

Procurement Visibility	Manufacturing Visibility	Fulfillment Visibility	Transportation Visibility	Supply Chain Analytics
<ul style="list-style-type: none"> ● Procurement Tracking & Monitoring (S6, S51) ● Alerts & Follow-Up for Procurement (S6, S51) ● Procurement Analytics (S6, S51) 	<ul style="list-style-type: none"> ● Manufacturing Tracking & Monitoring (S6, S51) ● Alerts & Follow-Up for Manufacturing (S6, S51) ● Manufacturing Analytics (S6, S51) 	<ul style="list-style-type: none"> ● Fulfillment Tracking & Monitoring (S6, S51) ● Alerts & Follow-Up for Fulfillment (S6, S51) ● Fulfillment Analytics (S6, S51) 	<ul style="list-style-type: none"> ● Transportation Tracking & Monitoring (S6, S51) ● Alerts & Follow-Up for Transportation (S6, S51) ● Transportation Analytics (S6, S51) 	<ul style="list-style-type: none"> ● Key Performance Indicators (S51, B12) ● Strategic Performance Management (S51, B12) ● Operational Performance Management (S51, B12) ● Supply Chain Analytical Applications (S51, B12) ● Collaboration Performance Indicator (S51, B12)

- SAP Product Available
- ▶ SAP Product Available with Future Releases
- Future Focus

- Partner Product Available
- ▶ Partner Product Available with Future Releases
- Collaborative Business Map Available

Sxx, Vxx, Bxx SAP Product & Service
 Pxx Partner Product
 For more information see: <http://www.sap.com>



Business Goals & Objectives

Key	Description
B12	SAP NetWeaver: SAP Business Intelligence
S1	Advanced Planning & Scheduling (applies to mySAP SCM)
S6	Event Management Engine (applies to mySAP SCM)
S7	Extended Warehouse Management (applies to mySAP SCM)
S47	mySAP Supplier Relationship Management
S51	mySAP Supply Chain Management
S53	Purchase Order Processing (applies to mySAP SCM/mySAP SRM)
S64	SAP R/3 Enterprise / mySAP ERP / mySAP Supply Chain Management
S73	Transportation Optimization (applies to mySAP SCM)

Solution Map Product Table

Key	Description
B12	SAP NetWeaver: SAP Business Intelligence
S1	Advanced Planning & Scheduling (applies to mySAP SCM)
S6	Event Management Engine (applies to mySAP SCM)
S7	Extended Warehouse Management (applies to mySAP SCM)
S47	mySAP Supplier Relationship Management
S51	mySAP Supply Chain Management
S53	Purchase Order Processing (applies to mySAP SCM/mySAP SRM)
S64	SAP R/3 Enterprise / mySAP ERP / mySAP Supply Chain Management
S73	Transportation Optimization (applies to mySAP SCM)



- No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP AG. The information contained herein may be changed without prior notice.
- Some software products marketed by SAP AG and its distributors contain proprietary software components of other software vendors.
- Microsoft, Windows, Outlook, and PowerPoint are registered trademarks of Microsoft Corporation.
- IBM, DB2, DB2 Universal Database, OS/2, Parallel Sysplex, MVS/ESA, AIX, S/390, AS/400, OS/390, OS/400, iSeries, pSeries, xSeries, zSeries, z/OS, AFP, Intelligent Miner, WebSphere, Netfinity, Tivoli, and Informix are trademarks or registered trademarks of IBM Corporation in the United States and/or other countries.
- Oracle is a registered trademark of Oracle Corporation.
- UNIX, X/Open, OSF/1, and Motif are registered trademarks of the Open Group.
- Citrix, ICA, Program Neighborhood, MetaFrame, WinFrame, VideoFrame, and MultiWin are trademarks or registered trademarks of Citrix Systems, Inc.
- HTML, XML, XHTML and W3C are trademarks or registered trademarks of W3C®, World Wide Web Consortium, Massachusetts Institute of Technology.
- Java is a registered trademark of Sun Microsystems, Inc.
- JavaScript is a registered trademark of Sun Microsystems, Inc., used under license for technology invented and implemented by Netscape.
- MaxDB is a trademark of MySQL AB, Sweden.
- SAP, R/3, mySAP, mySAP.com, xApps, xApp, SAP NetWeaver, and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP AG in Germany and in several other countries all over the world. All other product and service names mentioned are the trademarks of their respective companies. Data contained in this document serves informational purposes only. National product specifications may vary.
- These materials are subject to change without notice. These materials are provided by SAP AG and its affiliated companies ("SAP Group") for informational purposes only, without representation or warranty of any kind, and SAP Group shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP Group products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.