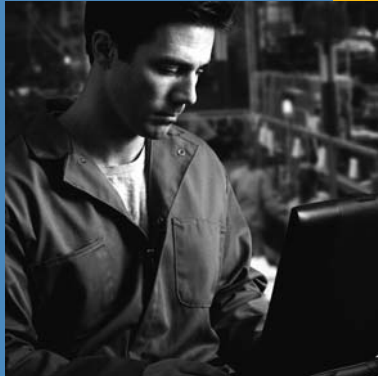


**SAP Solution Brief**  
**mySAP Supply Chain Management**



## **MOBILE SUPPLY CHAIN MANAGEMENT WITH mySAP™ SUPPLY CHAIN MANAGEMENT**

Insufficient inventory. Incorrect shipments. Missed delivery deadlines. Interrupted production. Getting your supply chain to run smoothly is no simple task. Above all, it takes reliable, up-to-the-minute information. The mobile capabilities of the mySAP™ Supply Chain Management solution provide a quick and easy way to gather data accurately wherever it's generated, and make it available wherever it's needed. This streamlines processes from the supplier to the factory, to the truck, and to the customer – keeping you in the picture and your customers satisfied.

The mySAP™ Supply Chain Management (mySAP SCM) solution takes supply chain visibility to new levels. By integrating PDAs, radio frequency devices, and onboard computers with your information systems, mySAP SCM extends the power of enterprise computing to new processes, people, and places. Robust and intuitive, mobile devices are employed today in all areas of supply chain management, from planning and production to warehouse and transportation. Logistics today involves managing a wide range of business partners. And passing information from partner to partner in a sequential fashion is simply not good enough. In response, companies are replacing traditional, linear supply chains with adaptive supply chain networks in which partners are given simultaneous, accurate information about demand, supply, and operational activities. The mobile capabilities of mySAP SCM provide a convenient, time-saving, and highly accurate means of capturing data on movements of goods and other events. These capabilities simplify checking and monitoring tasks and provide up-to-date information on process status, enabling you to react swiftly to unforeseen events. And that's exactly what you need to create and manage a sophisticated adaptive supply network. The following features show you just how versatile mobile supply chain management with mySAP SCM can be.

### **Mobile Production**

With SAP's browser-based process instruction sheet application, manufacturing employees can view work instructions on their handheld devices anywhere on the factory floor. They can confirm task completion and collect data – such as output quantities, containers, or batches – using a bar code scanner. Supervisors can monitor production-line behavior on the spot by calling up data from process control systems on their handhelds. In addition, with the SAP® Event Management application as part of mySAP SCM, mobile data entries can trigger notifications and follow-on activities to keep production rolling.

### **Mobile Shipment Planning**

With mySAP SCM, you can create a shipment order and tender it to a selected freight forwarder. The forwarder can access your online tendering application from a mobile device and accept, reject, or modify the planned shipment order. If the forwarder rejects the tender or does not reply within the expected time frame, an alert is triggered by the event management capability of mySAP SCM. Your logistics manager receives an alert, such as a text message on a mobile PDA, and can then find an alternate company without delay.

### **Mobile Warehouse Management**

Radio frequency devices can be put to a variety of uses in the warehouse. SAP software supports more than 40 mobile productivity-boosting transactions for tasks such as the following:

- Picking and put-away
- Packing, unpacking, and repacking
- Freight loading and unloading checks
- Inventory queries
- Mobile printing (for example, pallet labels)

mySAP SCM enables direct, synchronous communication between the handheld and the back-end system – eliminating the need for middleware. WebSAPConsole software, which ships with mySAP SCM, converts GUI screens to a format usable on a handheld device. Integration with voice recognition enables hands-free processing for higher efficiency of warehouse operations. The solution's mobile capabilities enable you to make more effective use of personnel and equipment for receiving, storage, and shipping tasks. Accurate, paperless data entry saves you time and trouble. Real-time inventory control with synchronous online monitoring of all stock movements maximizes transparency while minimizing administration overhead. Instant availability of information on inventory levels, storage bins, and other resources enables better coordination and reduces flow times.

### **Mobile Process Monitoring**

Among its other uses, radio frequency technology is ideal for monitoring activities, enabling you to spot potential bottlenecks fast. The mySAP SCM overview feature shows you exactly which resources are being used to capacity, and which are currently underutilized. To reassign personnel – from the pick area to replenishment, for example – the supervisor simply drags and drops symbols in the overview tool. New instructions are then displayed on the mobile devices of the employees concerned. The warehouse activity monitor can recognize periods of inactivity. It determines whether pick orders have been completed within a set time frame, for example. And it quickly identifies exceptional situations, allowing staffers to deal with them immediately.

### **Mobile Status Tracking and Analysis**

A highly transparent supply network gives you significant advantages. For example, you can provide value-added services such as order tracking that set you apart from competitors. And transparency enables all parties to see what is happening and respond quickly to contingencies, minimizing delays. The detailed data gathered using mobile devices sheds light on

activities across the supply network. And you can leverage this data to significantly enhance your analysis capabilities. It's far easier to pinpoint – and act on – the root cause of delays, bottlenecks, and other glitches. For example, you can track the performance of forwarders and other business partners, helping you to continuously improve logistics processes.

### **Significant Business Benefits**

Using the mobile supply chain management capabilities of mySAP SCM, you can create and manage a sophisticated, flexible, and responsive supply chain network. This can help you to achieve the following business benefits:

#### **Increased Sales**

You increase sales by getting the right quantities of the right products to the right place at the right time. You can confirm availability of, and ability to deliver, both standard and configured products in real time, which is particularly important for Internet and mobile-based sales.

#### **Improved Customer Service**

You improve customer service with the ability to respond quickly to changing customer needs, propagate information on demand patterns throughout the supply network, and use mobile devices to serve customers on the spot.

#### **Reduced Costs**

You reduce costs by using a seamless flow of accurate information that helps you shorten the cash-to-cash cycle, increase the utilization of assets, cut logistics costs, and reduce inventories without compromising customer service.

#### **Increased Responsiveness**

You increase responsiveness by reducing cycle times for everything from planning to exception handling, and by achieving a frictionless flow of information across the supply network.

### **A Fully Integrated Solution**

mySAP SCM is the only supply chain solution that allows collaboration, planning, execution, and coordination of the entire supply chain network. The solution integrates seamlessly with all mySAP Business Suite solutions as well as with non-SAP systems.

### **Find Out More**

mySAP SCM is part of the mySAP Business Suite family of business solutions that also includes mySAP Customer Relationship Management, mySAP Product Lifecycle Management, and mySAP Supplier Relationship Management. To learn more about how the mobile capabilities of mySAP SCM can help your supply chain to run more smoothly, call your SAP representative or visit us online at [www.sap.com/scm](http://www.sap.com/scm).

### **Powered by SAP NetWeaver™**

mySAP SCM is powered by the SAP NetWeaver™ platform, the open integration and application platform that enables change. SAP NetWeaver helps companies align IT with their business. It allows companies to obtain more business value from existing IT investments and to deploy a service-oriented architecture. SAP NetWeaver reduces total cost of ownership and complexity across the entire IT landscape.

SAP NetWeaver powers mySAP Business Suite, SAP xApps™ packaged composite applications, and partner solutions. It provides the best way to integrate all systems running SAP or non-SAP software. SAP NetWeaver unifies integration technologies into a single platform and is preintegrated with business applications, reducing the need for custom integration.

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