SAP Cloud Reference Systems

Scenario Outline

Procure-to-Pay (Stock)



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Scenario Overview

- Business Scenarios in a Reference System
- Introduction
- Typical Usage



Business Scenarios in a Reference System

In a Reference System, you can experience how a business scenario meets specific requirements of a typical midsize company.





For hands-on experience, you can take advantage of the business scenario document, which guides you through the process with detailed step-by-step instructions.

The following slides outline and illustrate the individual process steps of a business scenario as it has been realized in the model company Almika.



Introduction

Procure-to-Pay (Stock)



Scenario Introduction

The Procure-to-Pay (Stock) business scenario covers all aspects of procuring items to stock with or without a plan driven approach. This includes activities such as processing sales orders and purchasing contracts, conducting material resource planning, creating purchase proposals and purchase request, and also involves order management, inbound logistics, inventory management and journal entries.

Typical Usage (1/2)

Procure-to-Pay (Stock)



Procurement triggered by Sales Demand

A sales representative creates a sales order. This indicates a customer demand and if this cannot be covered by the available stock, demand planning triggers the procurement of the item to stock. The supply planner performs an MRP run. The system automatically creates a purchase proposal. The supply planner reviews the purchase proposals and releases it. The buyer orders the goods according to the purchase request. An inbound delivery is created once the goods have arrived. The supplier invoice is posted against the goods receipt.

Typical Usage (2/2)

Procure-to-Pay (Stock)



Manual Procurement with Interactive Form and Scheduled Deliveries

The buyer creates a purchase order with PO acknowledgement expected manually. The purchase order is sent with interactive forms (IAF) to the supplier. The supplier planner notices the planned available stock of the ordered products influenced by the ordered quantity and date. The supplier maintains the IAF and sends it back to the system. The PO Acknowledgement setting is set automatically via XI. However, the supplier indicates in the acknowledgement they cannot fulfill the order at the required date, but they will make a second delivery two days later to fulfill the order. The buyer checks the scheduled deliveries, then accepts the deviation in the PO acknowledgement. The supplier planner notices the planned available stock of the ordered products has been updated with the agreed delivery dates.



Process Illustration

- Usage Example 1: Procurement triggered by Sales Demand
- Usage Example 2: Manual Procurement with Interactive Form and Scheduled Deliveries



Procure-to-Pay (Stock)

Procurement triggered by Sales Demand















Referring to
Scenario:
Cash and
Liquidity
Management

Create Sales Order Run MRP and Release Purchase Proposal Process Purchase Request & Order Processing
Request for
Quotation

Post Goods Receipt

Post Supplier Invoice

Processing
Request and
Payments

A customer calls the sales representative and orders spare parts.

The sales representative creates a sales order for the spare parts.

The sales representative submits the sales order.

Sales Representative Supply Planner

Common Tasks

The supply planner performs an MRP run.

The MRP run creates a purchase proposal. The supply planner releases the purchase proposal.

The purchase order has been created and is sent automatically.

Supply Planning

Purchase Proposal

The buyer assigns the supplier and purchasing contract.

The buyer creates the purchase order directly from the purchase request using the quick order functionality.

Buyer

Purchase Requests and Orders

Purchase Order

The warehouse manager maintains the delivered quantity and posts the goods receipt using data from the supplier delivery.

The ship-to location is set by system default.

an invoice based on information from the invoice received from the supplier.

The accountant creates

Warehouse Manager

Inbound Logistics

Supplier Invoicing

Accountant

Goods Receipt from Vendor

Supplier Invoice

This step is detailed in another business

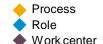
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scenario

Procure-to-Pay (Stock)

Manual Procurement with Interactive Form and Scheduled Deliveries















Referring to Usage
Example:
Procurement
triggered by Sales
Demand

Processing Goods

Receipt and

Supplier Invoice

Referring to
Scenario:
Cash and
Liquidity
Management

Processing

Request and

Payments

Create Purchase Order Manually

- The supply planner calls the buyer about additional demand of goods purchased to stock in a very short time.
- The buyer creates a PO manually using list prices, and sends it out to the supplier by e-mail with an interactive form (IAF) attached asking for the PO Acknowledgement regarding the delivery date and price.

Purchase Requests

Purchase Order

Check the Planned
Available Stock in
Supply Plan

The supply planner checks the supply plan of the ordered

product.

The supply planner notices the changes of the available stock caused by the purchase order, the ordered quantity and date.

Create PO Acknowledgement (POA) via IAF

- The supplier states in the IAF that they cannot fulfill the order on the required date, but suggests a delivery schedule line to fulfill the order eventually.
- Based on the PO
 Acknowledgement
 (POA) being sent from
 the supplier via XI, the
 system updates the
 relevant purchase order,
 and sends an open task
 to notify the buyer about
 the deviations in the
 received POA.

Accept Deviation of Received POA

- The buyer follows the open task to check the deviations in the received acknowledgement.
- The buyer accepts the delivery schedule suggested by the supplier in the acknowledgement.

Check the Updated Planned Available Stock in Supply Plan

- The supply planner checks the supply plan of the ordered product.
- The supply planner notices the changes of the available stock caused by the agreed delivery schedule, the scheduled quantity and date.

Buyer

Supply Planner

Supply Planning

No system user

Outside SAP ByD system

Purchase Order
Acknowledgement (with IAF)

Buyer

Duyer

Purchase Requests and Orders

Purchase Order Acknowledgement (with IAF)

Supply Planner

Supply Planning

Order Igement (with



This step is detailed in another business scenario or Usage Example

(with IAF)

and Orders

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