

Apparel & Footwear

Getting Started Guide

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Getting Started Guide

The Business Blueprint contains the essential documentation as the basis for the implementation of the Apparel & Footwear Solution for SAP Business One. Here is defined and documented all important information, initialization and implementation of software. It is very important that you review this document step by step along with the primary responsibility of the customer project team.

This document is for consultants with advanced training in Apparel & Footwear solutions and strong knowledge in this industry.

1 Basic Initialization in SAP Business One®

You should define the following settings in SAP® Business One after the installation in order to operate the Apparel & Footwear solution.

1.1 System Initialization

Select **Administration/System Initialization/Company Details** "General" tab to define the company's address. Select from "Basic Initialization" tab the chart of accounts template, the national currency and define any other system currency if necessary. Activate "Perpetual Inventory" check box and select "Moving Average" from the "Item Groups Valuation Method" field. Thereafter, define the data of the local bank in the corresponding fields.

1.2 General Settings

Select **Administration/System Initialization/General Settings** to define in "BP" tab the default payment terms for customers and vendors. In addition, you can save the default payment method and dunning term.

1.3 Posting Periods

Hint: Define enough posting periods.

1.4 Document Numbering

Select **Administration/System Initialization/Document Numbering** to define the number range for purchasing and sales documents.

1.5 User

Define all users in SBO.

Select **Administration/Setup/General/Sales Employees/Buyers** to define the sales employees and buyers that are assigned to each sales document later.

1.6 Freight

Select **Administration/System Initialization/Document Settings/General** and activate "Manage Freight in Documents" check box. Then you can select **Administration/Setup/General/Freight** to define different types of freight including the distribution method for sales and purchasing documents.

1.7 Sales Opportunities

Select **Administration/Setup/Sales Opportunities/Sales Stages** to define sales stages for opportunities.

1.8 Business Partners Groups

Select **Administration/Setup/Business Partners** to define customer and vendor groups.

1.9 Inventory/Item Groups

Select **Administration/Setup/Inventory/Warehouses** to define different warehouses and, if necessary, one internal warehouse for allocation and transit.

1.10 Business Partners

If required, the data of customers, vendors or leads is imported with the standard tools of SAP or with the assistance of the SAP Business One partner. Of course, you can also define the data manually by selecting **Business Partners/Business Partner Master Data**. To add new data, activate the Add mode (menu bar: "Add" button). To facilitate data access later, we recommend using numbers with the same length, e.g. 1000, 10001 etc. for customers and 70000, 70001 etc. for vendors.

2 Apparel & Footwear Settings

2.1 Apparel & Footwear Installation Procedure

To install the Apparel & Footwear add-on, please go to the document: A&F - Installation Procedure

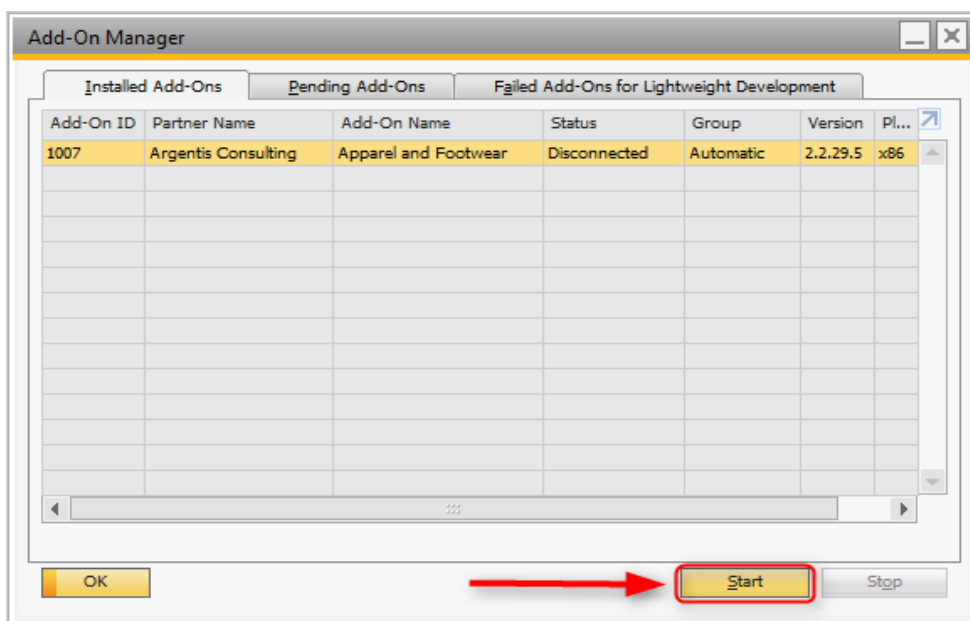
2.2 Crystal Reports Installation Procedure

To install the Crystal reports please go to the document: A&F - Crystal Report Installation Procedure

2.3 Setting Up the Solution – Requesting Licenses

Upon registration of the solution, you have to perform a series of steps to activate it:

1. Scroll through the following path in the main menu of SAP Business One: "Administration" → "Add-ons" → "Add-on Manager"
2. Check that the status of the record for Apparel & Footwear solution is Connected if not, click on it and then click on the button "Start".



3. This will start the solution, resulting in the creation of an entry in the main menu of SAP Business One with the name "Apparel and Footwear".



4. Once the solution started browsing the following path in the main menu of SAP Business One: Apparel & Footwear → Administration → Setup → SQL Server Settings.

1. Enter the password for connecting to SQL server for you company DB Server

2. In the SAP Business One status bar will be shown the degree of success of the connection to the database server.
3. Close the form.
4. Once connected to the database server go through the following path in the main menu of SAP Business One:
"Apparel & Footwear" → "Administration" → "Setup" → "Installation ID".
5. As a result, the form "Get Installation ID" opens. Click on the "Get" button. The installation ID from SAP Business One will display.

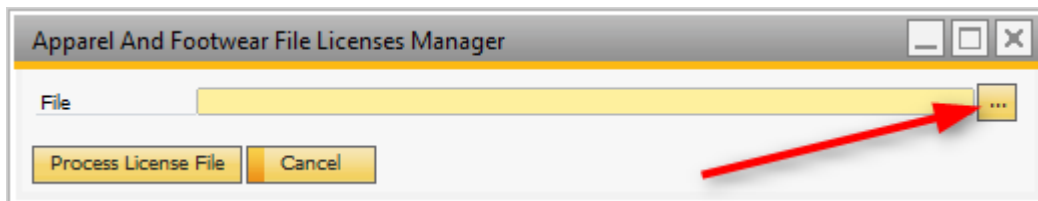
6. Copy it and send it to Argentis Consulting. The company will provide a license file based on this ID. This license is required to run the solution.



2.4 Importing Licenses

Locate the license file requested in the previous step into a local folder and perform the following steps:

1. Scroll through the following path in the main menu of SAP Business One: "Apparel & Footwear" → "Administration" → "License" → "License File Manager".
2. In the resulting form, browse for the license file (XML). You can locate it by clicking the browse button next to the text box.
3. Once located the file click on the button "Process License File." The status bar will indicate the result of the process.



Close the "Apparel and Footwear licenses manager" window.

2.5 Assigning Licenses to users

Once imported the license file perform the following steps:

1. Scroll through the following path in the main menu of SAP Business One: "Apparel & Footwear" → "Administration" → "License" → "Manage User Licenses".
2. The form includes the users available in SAP Business One, which may be assigned to the licenses available by clicking the mouse in the selection box next to them.

Apparel And Footwear - Administration of License	
Type of license	Final
Total number of licenses	2
Number of licenses available	1
Due Date	07/31/2016

james	<input type="checkbox"/>
jim	<input type="checkbox"/>
john	<input type="checkbox"/>
juan	<input type="checkbox"/>
julie	<input type="checkbox"/>
keiko	<input type="checkbox"/>
keith	<input type="checkbox"/>
leo	<input type="checkbox"/>
linda	<input type="checkbox"/>
manager	<input checked="" type="checkbox"/>
maria	<input type="checkbox"/>
mary	<input type="checkbox"/>
merlina	<input type="checkbox"/>
michael	<input type="checkbox"/>
sophie	<input type="checkbox"/>
timothy	<input type="checkbox"/>

Update Cancel

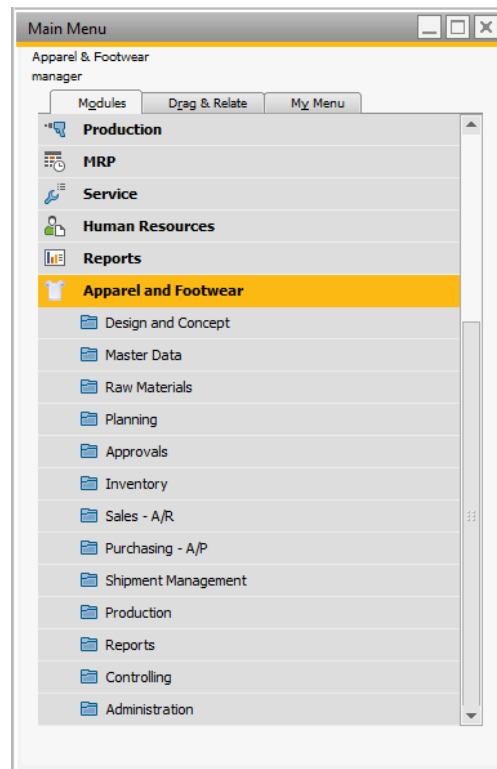
3. Once the licenses are distributed, click the OK button.
4. If the license is accepted then the system will provide the following message:



5. In order to request additional licenses or any information regarding licensing contact info@argentisconsulting.com or login a ticket to support@argentisconsulting.com.

3 Apparel & Footwear Menu Options

The installation procedure of the Apparel & Footwear solution will create a main menu option called "Apparel & Footwear ". This menu groups apparel specific functionalities as well as standard modified SAP object (sales orders, purchase orders, etc.).



Note: This picture is related to version 2.2.29.5 and SAP Version 9.2 PL 03. Actual screens may vary depending on your software version. The options in this section are Apparel & Footwear specific functionality.

3.1 Apparel & Footwear ► Administration ► Setup

Initially this is the most important menu for the solution. Here, you will find the options needed to perform the initial configurations to implement the solution.

We will describe each of the sub-menus that make up this menu, all the components and their functions.

You should define the following settings in Apparel & Footwear.

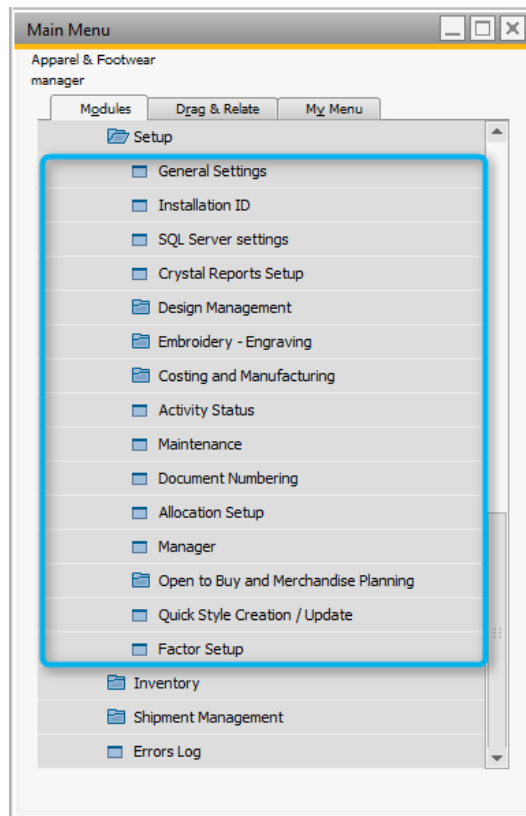
"Apparel & Footwear" → "Administration" → Setup



WARNING

The contents of this document correspond to the version 2.2.29.5 of the Apparel and Footwear solution. If you have purchased another version, please contact Argentis Consulting to obtain the appropriate version.

Through the sub-menu options under "Setup" you can do the settings needed for the implementation and proper functioning of the solution.



3.1.1 General Settings

Choosing this option will open the form "Apparel & Footwear Setup". It's content is divided into the following tabs:

3.1.1.1 Item Master Data

Apparel And Footwear Setup

Item Master Data | Document Settings | Production | Labeling | Factoring | Path | Critical path | Allocation | Display | Updatable UDF

UPC Code
 UPC Fixed Company Digits: 287638
 Item Group (Prepack):

Auto batch/roll sequence ☒
 Approval Required ☒
 Display AF Item Master Data form on items creation ☒
 Generate UPC ☒
 Enable Data Ownership ☐
 Image by Color ☐

Mandatory Fields

#	Description	OITM Field	Mandatory
1	Item Description	ItemName	<input type="checkbox"/>
2	Foreign Description	FrgrName	<input type="checkbox"/>
3	Item Group	ItmsGrpCod	<input type="checkbox"/>
4	Division	U_ARGNS_DIV	<input type="checkbox"/>
5	Season	U_ARGNS_SEASON	<input type="checkbox"/>
6	Country of Origin	U_ARGNS_COO	<input type="checkbox"/>
7	Year	U_ARGNS_YEAR	<input type="checkbox"/>
8	Ship Start Date	U_ARGNS_SSD	<input type="checkbox"/>
9	Ship Cancel Date	U_ARGNS_SCD	<input type="checkbox"/>
10	Manufacturer	FirmCode	<input type="checkbox"/>

OK Cancel

1. Company fixed-Digit UPC Code: Add the fixed digit assigned to the company, used for the creation and allocation of UPC barcode (Universal Product Code).
2. Item Group (Prepack): Select the desired Item Group for when you create the Prepack SKUs.
3. Auto batch / roll sequence: Check this box if you want the Lot IDs to be generated automatically and sequentially.
4. Approval required: Check this option if you want to alert a user if a style needs to be approved before creating master data in SAP Business One.
5. Generate UPC: Select this option if you want the UPC Code to be created automatically when generating SKUs from the PDM (Product Data Management).
6. Display AF Item Master Data form on items creation: Select this option if you want to open the Apparel Master Data when creating or updating inventory in SAP Business One.
7. Mandatory fields: List of fields in the table Apparel item master data where you can mark the fields to be required as mandatory.
8. Enable Data Ownership: Check this option if you want to enable the data ownership functionality on style master data. This module follows this concept:
 1. Manager: the owner is the user's manager per the manager field on the user's employee record.
 2. Branch: the user and the owner are members of the same branch. The branch is read from the corresponding employee records.
 3. Department: the user and the owner are members of the same department. The department is read from the corresponding employee records.
 4. Team: the user and the owner are members of the same team. Team membership is defined on the corresponding employee records Link the employee to a user in the HR module

Employee Master Data

First Name: Lucas
 Middle Name: M
 Last Name: Designer ☒ Active Employee

Job Title:
 Position: Designer
 Department: Production
 Branch:
 Manager:
 User Code: manager
 Sales Employee: -No Sales Employee

Employee No.: 1
 Ext. Employee No.:
 Office Phone:
 Ext.:
 Mobile Phone:
 Pager:
 Home Phone:
 Fax:
 E-Mail:

Address Membership Administration Personal Finance Remarks Attachments Production

Work Address Home Address

Street:
 Street No.:
 Block:
 Building/Floor/Room:
 Zip Code:
 City:
 County:
 State:
 Country:

Street:
 Street No.:
 Block:
 Building/Floor/Room:
 Zip Code:
 City:
 County:
 State:
 Country:

OK Cancel

After link other users to the same owner team or branch they will have the option to access and change the style.

Employee Master Data

First Name: Lucas
 Middle Name: M
 Last Name: Designer ☒ Active Employee

Job Title:
 Position: Designer
 Department: Production
 Branch: US
 Manager:
 User Code: manager
 Sales Employee: -No Sales Employee

Employee No.: 1
 Ext. Employee No.:
 Office Phone:
 Ext.:
 Mobile Phone:
 Pager:
 Home Phone:
 Fax:
 E-Mail:

Address Membership Administration Personal Finance Remarks Attachments Production

Roles Teams

#	Role
1	Purchasing
2	

Set Role as Default

#	Team	Team Role
1	CK	Member
2		Member

After setting data ownership, while creating a new style the employee and owner are set in the PDM form.

Product

Doc. Numbering	Manual	Designer	Designer, Lucas M
Code	M199299	Division	
Description	CK Pants	Year	
Foreign Description	CK Pants	Owner	manager
Status	Sample	Country of Origin	
Product Line		Drop	
Product Group		Ship Start Date	
AF Segmentation	Apparel	Ship Cancel Date	
SAP Item Group		Customer	
Season		Vendor	
Collection		Main Warehouse	01 Add
Sub-Collections		Secondary Warehouses	
Composition		Price List	Price List 02
Care Instruction Gro.		Currency	
Brand		Price	0.00 Add

Scale Color Variable Workflow Prepacks Design and Concepts POM Constructions Details Logos Cost Sheet

Colors Chart Add Colors


#	Code	Description
1	2001	Navy Blue

All visual controls also filter the styles.

Style Category Tree View

Filter Search: Code Search

- Spring Summer 2016
- Winter 2016
- Non Categorized



M199299 - CK Pants
Sizes: 6 Colors: 1
 Default Price List: 0.000000
 Sales Price List: 0.000000
 Document List
 Critical Path
 Techpack
 Season: S516 - Spring Summer 2016
 Brand:

9. Enable Image by Color: Check this option if you want to view style picture by color

3.1.1.2 Documents Settings

Item Master Data	Document Settings	Production	Labeling	Factoring	Path	Critical path	Allocation	Display	Updateable UDF
#	Document	Block Dup. Items	Warn. Dup. Items	Block Dup. CutPolio	Warn. Dup. CutPolio	Block Items without UPC	Warn. Dup. CutPolio	Block Items without UPC	Warn. Dup. CutPolio
1	Sales Quotation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Sales Order	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Delivery	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Return	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	A/R Invoice	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	A/R Credit Memo	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	A/R Reserve Invoice	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Purchase Order	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Goods Receipt PO	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Display Matrix in Documents Forms
☐ Filter Matrix After Color Selection
☐ Split Inv. Transfer by Warehouse
☐ Split Sales Documents by Ship to
☐ Display all sizes by scale in Matrix and Documents
☒ Display Apparel Content in Documents
☒ Use SBO Decimal Qty. Configuration in Matrix
☐ Validate Size Run Scale %
☒ Create Documents from Apparel Matrix (SO - PO)
☐ Block Cells for SKUs not created on Apparel Matrix

☐ Allow to close predecessor activities.
☐ Allow to repeat Instructions.
☐ Use Embroidery - Engraving
☐ Filter Styles by BP
☐ Merge quantities in Issue for Production
☐ Remove Empty Fields when creating Items.
☐ Use quantity in Size-Run
☐ Use Percentage in Size-Run
☒ Use Both in Size-Run

1. List of Documents: A list of all the documents of SAP Business One (Sales Order, Delivery, Returns, etc.). You can select for each of the following options: Block duplicated items, Warn Duplicated Items, Block Reference Duplicate, Duplicate reference notice, Lock article without UPC, UPC Article without notice.
2. Display Matrix in Documents Forms: select this option to open the Apparel matrix automatically
3. Filter Matrix After Color Selection: matrix will show only after you select the desired colors in marketing documents (add and edit form)
4. Split Inv. Transfer by Warehouse: select this option to create multiple documents when selecting different warehouse in inventory transfer process, this is commonly used when transferring styles to stores.
5. Split Sales Documents by Ship to: select this option to create multiple sales orders from the Apparel Matrix. This is used for large orders for multiple customer ship to addresses.
6. Display all sizes by scale in Matrix and Documents: select this option to show the entire size-run in marketing documents (add and edit form)
7. Display Apparel Content in Documents: selecting this option a tab "Cont. Apparel" will show in marketing documents with the Apparel Matrix
8. Use SBO Decimal Qty. Configuration in Matrix
9. Validate Size Run Scale %
10. Create Documents from Apparel Matrix (SO - PO)
11. Block Cells for SKUs not created on Apparel Matrix
12. Allow to close predecessor activities: check this option if you are using Product Lifecycle Management and you want to be able to close an activity that has one or more activities that were meant to be done before.
13. Allow to repeat instructions: check this option if you want to be able to print Tech packs with repeated sections.
14. Use Embroidery – Engraving. Select this option to initialize this module.

15. Filter Styles by BP: check this if you want that after choosing the Business Partner in the Add A.F Items option, all the styles that will be shown to be chosen are only the ones that are linked to that BP in the style's PDM.
16. Merge quantities in Issue for Production: check this option so an item in the lines in the Issue for Production is not repeated when having an item several times in the Apparel & Footwear Manufacturing Order.
17. Remove empty fields when creating Items.
18. Options Size Run
 - a. Use quantity in Size Runs
 - b. Use percentage in Size Run
 - c. Use both in Size Run

3.1.1.3 Production

1. Default Price List: Use this field to select from the price lists created for the company the one you want to be by default in the production process.
2. Default Sales Price List: Use this field to select from the price lists created for the company the one you want to be the Sales Price List in the production process.
3. Default Currency: In this field you can select from among the currencies set for the company the one you want to be applied by default to the production process.
4. Bad Qty. Warehouse: Use this field to select from the warehouses created for the company the one you want to be receiving the bad quantities when having bad quantities charged in the production data collection.
5. Cut Ticket
 6. Display a warning in Cut Tickets when components fall into negative stock
 7. Block Cut Tickets when components fall into negative stock

8. Check Previous Operation is completed: check this option if you want to be able to create production data collections in an operation, only if the quantities issued are all complete in the previous operations.
9. Cut Ticket PDC Segmentation: Define the PDC segmentation which will be used during manufacturing order.
10. Show only Models with BOM: While creating a manufacturing order when click on Apparel matrix, it will show only Models with BOM was created.

Send Out

11. Goods Issue Decrease Account: In this field you can select the account used to reduce inventory when receiving raw materials from vendors (and issue from WIP)

General

12. Beas Integration: Tick this if want to integrate with Beas
13. Use default warehouse from Item Master: Tick this if the default warehouse of the Item master needs to use.
14. Use Phantom Item: Tick this when to use phantom item.
15. Release Raw Materials from Vendor Warehouse: Tick this when raw material needs to be release from vendor warehouse only.
16. Auto Release: Tick this if it is needed to create a Manufacturing Order from Apparel and release all the Production Orders that belongs to it automatically.
17. Create Goods Issue Automatically: Tick this if it is needed to issue the raw materials automatically.

Exchange Rate

User can select if the exchange rate date used in cost sheets is taken from the setup or is set to each cost sheet.

18. Use Standard Exchange Rate
- 18.2 Standard Exchange Rate Date
19. Use Exchange Rate from Cost Sheet

If the “Use Exchange Rate Date from Cost Sheet” is selected, enter the date in the cost sheet. Enter the values in difference currencies and save the cost sheet. The total vales are expressed in local currencies but calculated from each currency rate.

20. Use Pattern in Cost Sheet: Tick this to enable Pattern in Cost sheet.

3.1.1.4 Labelling

Apparel And Footwear Setup

Item Master Data Document Settings Production **Labeling** Factoring Path Critical path Allocation Display Updateable UDF

EAN UCC 128 Code

UCC 128 Fixed Company Digit

UCC 128 Next serial number: 1

Update Cancel

1. UCC 128 or fixed digits of the company: In this field you may enter the code assigned to your company to generate bar code labels EAN-UCC 128.
2. UCC 128 or Next number: This field can enter the tag number from which to start with the assignments.

3.1.1.5 Factoring

Apparel And Footwear Setup

Item Master Data Document Settings Production Labeling **Factoring** Path Critical path Allocation Display Updateable UDF

Default factor

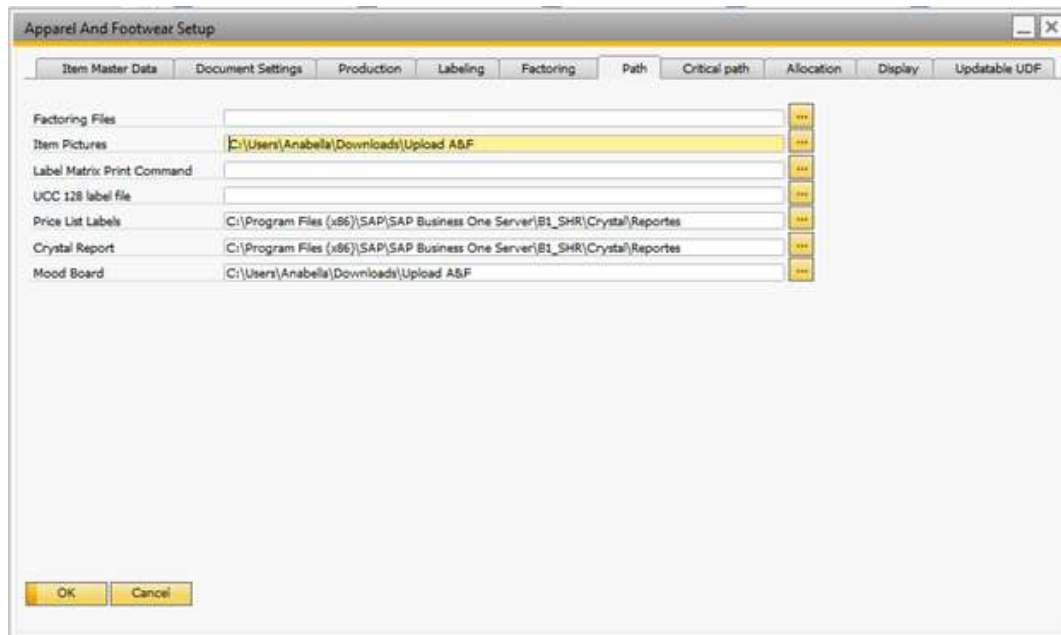
New factor

Factoring Assignments

Factoring Next assignment No: 1

OK Cancel

3.1.1.6 Path



1. Item Pictures: In this field you can enter the path to the folder where you will get the images to associate to the products.
2. Label Matrix or Print Command: In this field you can enter the path to the folder where the executable file print command, the Label Matrix software. (Only for label matrix owners)
3. UCC labels or File 128: In this field you can enter the path to the folder where you saved the file created by the solution to the UCC 128 label printing.
4. Price list labels: In this field you can enter the path to the folder where you will find price lists for the UCC 128 label printing.
5. Crystal Report: In this field you can enter the path to the folder where you have saved the Apparel reports provided by Argentis.
6. Mood Board: In this field you can enter the path to the folder where you will get the images to add to the mood boards.

3.1.1.7 Critical Path

Apparel And Footwear Setup

Item Master Data Document Settings Production Labeling Factoring Path Critical path Allocation Display Updatable UDF

Default BP: S_0001
 Default Status: In progress
☐ Allow Overlapping of Activities

OK Cancel

1. Default BP: Select from your default Business Partner.
2. Default Status: Select the default status for the activities defined in Apparel and Footwear. To define a new Apparel and Footwear Activity status go to Apparel & Footwear → Administration → Setup → Activity Status.
3. Allow Overlapping of Activities: Check this option if you want to be able to do activities in parallel in the Product Lifecycle Management.

3.1.1.8 Allocation

If you are going to use this module, please refer to the Apparel ATP and Allocation documentation.

3.1.1.9 Display

If you are going to use the Style List Category Tree View, the you can set the number of style per page.

Apparel And Footwear Setup

Item Master Data Document Settings Production Labeling Factoring Display

Logging: No Logging
 Display Item Master Log Window? ☒
 Styles per Page: 20

Planning Analytics Seasons

#	Season Code	Season Description	Current Season

3.1.1.10 Updatable UDF

#	Description	UDF Field	Updatable
1	Active	U_ARGS_ACT	<input checked="" type="checkbox"/>
2	Available to Send Out	U_ARGS_AvibToSO	<input checked="" type="checkbox"/>
3	Product Brand	U_ARGS_Brand	<input checked="" type="checkbox"/>
4	Product Collection	U_ARGS_Coll	<input checked="" type="checkbox"/>
5	Product Composition	U_ARGS_Comp	<input checked="" type="checkbox"/>
6	Item Type	U_ARGS_ITYPE	<input checked="" type="checkbox"/>
7	Product Line Code	U_ARGS_LineCode	<input checked="" type="checkbox"/>
8	Model Group	U_ARGS_M_GROUP	<input checked="" type="checkbox"/>
9	Model Type	U_ARGS_M_TYPE	<input checked="" type="checkbox"/>
10	Operation	U_ARGS_Operation	<input checked="" type="checkbox"/>
11	Production Resource	U_ARGS_ResCode	<input checked="" type="checkbox"/>
12	Raw Material	U_ARGS_RMaterial	<input checked="" type="checkbox"/>
13	Standard Allowance Time	U_ARGS_SAM	<input checked="" type="checkbox"/>
14	Seconds	U_ARGS_SEC	<input checked="" type="checkbox"/>

Check all the User Defined Fields you want to be copied from the Product Data Management to the Item Master Data when creating or updating them from the Generate SKUs button.

3.1.2 Design Management

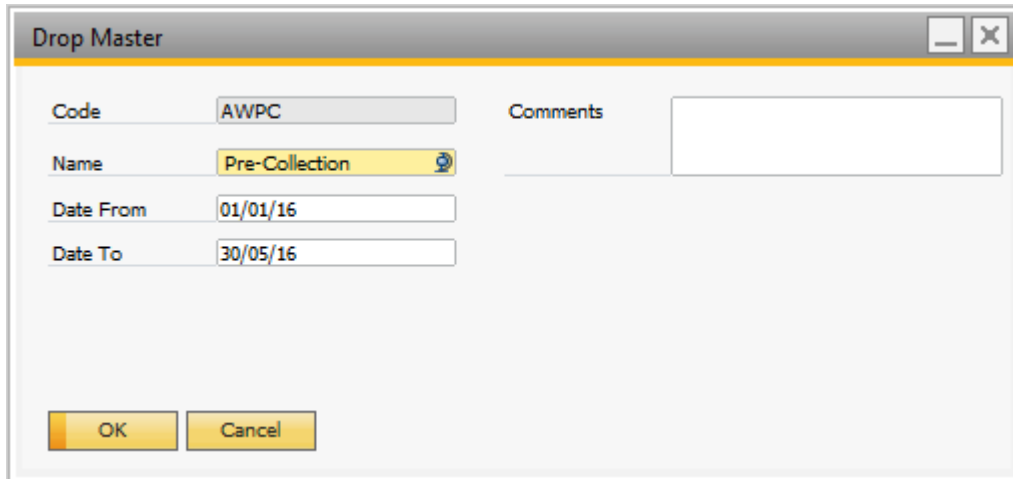
Through the "Design Management" sub-menu options, you can make the settings needed to manage seasons related and design processes within the solution. All the options will be described in the following pages.

3.1.2.1 Drops

In order to analyze the merchandise, many companies divide the season in different drops or shipping windows. This is to plan what styles and how many units will allocate regarding budgeting (in options and SKUs).

Define a Drop

Go to Apparel & Footwear → Administration → Setup → Design Management
→ Drops



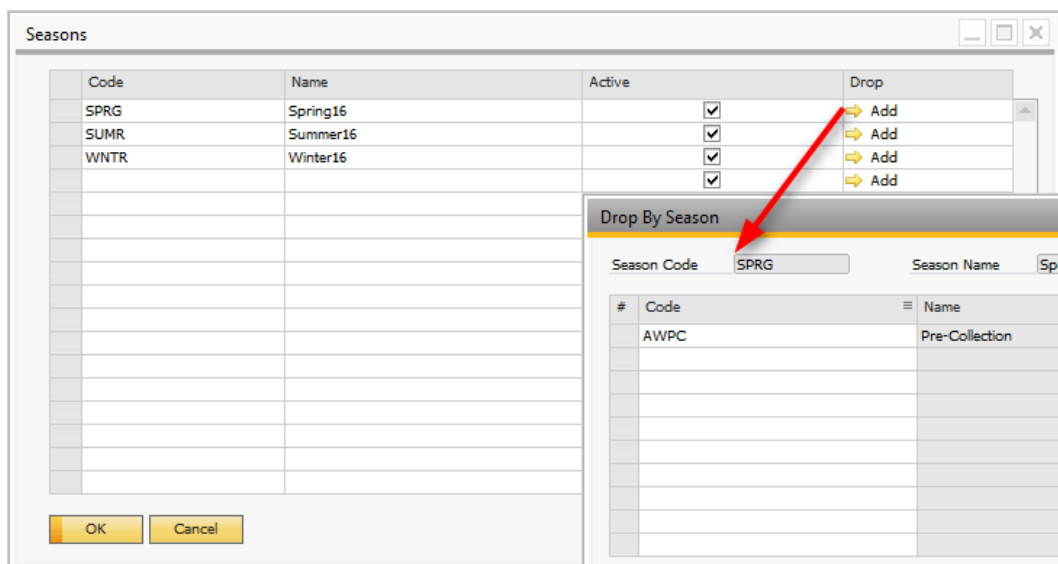
The 'Drop Master' dialog box contains the following fields:

- Code:** AWPC
- Name:** Pre-Collection
- Date From:** 01/01/16
- Date To:** 30/05/16
- Comments:** (empty text box)
- Buttons:** OK, Cancel

Link Drops to Season Table

Once the drops are defined, link them to the season.

Go to Apparel & Footwear → Administration → Setup → Design Management
→ Season



The 'Seasons' dialog box shows a table of seasons and a sub-dialog 'Drop By Season'.

Code	Name	Active	Drop
SPRG	Spring16	<input checked="" type="checkbox"/>	➡ Add
SUMR	Summer16	<input checked="" type="checkbox"/>	➡ Add
WNTR	Winter16	<input checked="" type="checkbox"/>	➡ Add
		<input checked="" type="checkbox"/>	➡ Add

Drop By Season

Season Code: SPRG Season Name: Spr

#	Code	Name
	AWPC	Pre-Collection

Buttons: OK, Cancel

3.1.2.2 Seasons

Go to Apparel & Footwear → Administration → Setup → Design Management → Season.
Enter seasons as needed. Usually, Styles belong at least to a Season and a Collection.

[illegible]

3.1.2.3 Collections

Go to Administration → Setup → Apparel & Footwear → Setup → Design Management → Collections. Enter collections as needed. During the design stage styles are linked to a collection. Select subcollections if needed.

[illegible]

3.1.2.4 Sub-Collections

Go to Administration → Setup → Apparel & Footwear → Setup → Design Management → Sub-Collections. Add subcollections if needed. Link Sub-Collections with the Collections.

Product Type	Product	Number of models	Qty Production
1	PNTS	1.00	10.00
2	SHRT	2.00	10.00

3.1.2.5 Workflow- Phase Master

Go to Administration → Setup → Apparel & Footwear → Setup → Design Management → Workflow → Phase Master. Enter all phases needed to track activities during the product lifecycle. Styles can be linked to a phase template.

#	Code	Description	Department	Role
	F0001	Design	Design	Technician
	F0002	Costing	General	Purchasing
	F0003	Sourcing	General	Purchasing
	F0004	Logistics	General	Purchasing
	F0006	Outbound Logistics	General	Purchasing
	F0007	Inner Lab Dip	General	Purchasing
	F0008	Fit Samp	General	Purchasing
	F0009	Outer Fab Ex Mill	General	Purchasing
	F0010	Fab In	General	Purchasing
	F0011	Fab Test	General	Purchasing
	F0012	Fab App	General	Purchasing
	F0013	Pre Production	General	Purchasing
	F0014	Style File	General	Purchasing
	F0015	Gold Seal	General	Purchasing

3.1.2.6 Workflow- Phase Routing Template

Go to Administration --> Setup → Apparel & Footwear → Setup → Design Management → Workflow → Phase Routing Template. Select the phases needed to create the critical path activities for styles and other type of projects.

[illegible]

3.1.2.7 POM (Point of Measurements) Definition

Go to Administration → Setup → Apparel & Footwear → Setup → Design Management → POM Definition. POMs are used to enter general and detailed measurements for body parts. Then you can create template to link in the product data management module.

POM Definition			
Definitions			
#	Code	Description	Product Group
➡ 1	POM01	Chest	Shirts
➡ 2	POM02	Sleeve	Shirts
➡ 3	POM03	Low Hip	Shirts
➡ 4	POM04	Bust	Shirts
➡ 5	POM05	Waist	Pants
➡ 6	POM06	Hip	Shirts
➡ 7	POM07	sleeve 2	Shirts

3.1.2.8 POM (Point of Measurements) Templates

Go to Administration → Setup → Apparel & Footwear → Setup → Design Management → POM Templates.

POMs are used to enter general and detailed measurements for body parts. Select the measurements from the POM Definition table.

IMPORTANT: you need to create product groups and scales (sizes) before creating POM templates.

Style Sample Evaluation POM tolerance

In POM template the tolerance (+,-) is a reference which indicates the maximum and minimum threshold point. Based on this the style sample evaluation get pass or fail the quality assurance. This tolerance will be used later on in the sample process.

The reference size, in this case Large, will be the reference value to perform the calculation for the other sizes. The sizes greater than the reference should be positives and the smaller ones, negatives.

#	POM	Description	Tolerance +	Tolerance -	QA Point	S	M	L	XL	XXL	XXXL
1	POM61 Chest	Chest	1.00	1.00	<input checked="" type="checkbox"/>	0.00	0.00	0.00	0.00	0.00	0.00
2	POM62 Sleeve	Sleeve	1.00	0.00	<input checked="" type="checkbox"/>	0.00	0.00	0.00	0.00	0.00	0.00
3	POM67 sleeve 2	sleeve 2	0.00	0.00	<input type="checkbox"/>	0.00	0.00	0.00	0.00	0.00	0.00
4			0.00	0.00	<input type="checkbox"/>	0.00	0.00	0.00	0.00	0.00	0.00

In the PDM when you add the POM Template to a Model, the matrix should have the model's measurements. In the following example the measures for the reference size POM 1 = 90, POM 2 = 60 and POM 3 = 20. The rest of the measures for the other sizes will be calculated automatically according to the values indicated in the grading.

POM	Description	Tolerance+	Tolerance-	QA Point	S	M	L	XL	XXL	XXXL
1	Chest	1.00	1.00	<input checked="" type="checkbox"/>	90.00	90.00	90.00	90.00	90.00	90.00
2	Sleeve	1.00	0.00	<input checked="" type="checkbox"/>	60.00	60.00	60.00	60.00	60.00	60.00
3	sleeve 2	0.00	0.00	<input type="checkbox"/>	20.00	20.00	20.00	20.00	20.00	20.00

When the model is sampled, and the provider or production area returns the sample back, the QA area should enter the Actual sample measurements. The system will calculate the difference between what every POM should have and the actual measure.

In the following example for the sampled size XS:

1. For the POM 1: The Target was 84, the Actual is 83, the Difference is 1, the **Tolerance** - is 1. So this POM is OK because it is under the tolerance -.
2. For the POM 2: The Target was 56, the Actual is 50, the Difference is 6, the **Tolerance** - is 0. So this POM is NOT OK because it is 6 cm under the tolerance.
3. For the POM 3: The Target was 20, the Actual is 23, the Difference is 3, the **Tolerance** + is 0. So this POM is NOT OK because it is 3cm over the tolerance.

#	Code	Size Sample
1	M	<input checked="" type="checkbox"/>
2	XL	<input checked="" type="checkbox"/>
3	XS	<input checked="" type="checkbox"/>

M	XL	XS	Comments
1	2	3	
POM	Description	Tolerance+	Tolerance-
1	Chest	1.000	1.000
2	Waist	1.000	0.000
3	Collar	0.000	0.000

	Target	Actual	Revision	Difference
1	84.000	83.000		1.000
2	56.000	50.000		6.000
3	20.000	23.000		-3.000

3.1.2.9 Product Composition

Component: Different types of component can be created here.

#	Code	Name	U_Description
1	COT	Cotton	Cotton
2	LYC	Lycra	Lycra
3	POL	Polyester	Polyester
4			

Care Instruction: Different types of care instruction can be created here.

Care Instruction

#	Name	Picture	Wash Font	Description	File Type	Path
1	WS		b	Washing symbol		
2	WS30		g	Wash at or below 30°C		
3	WS40		h	Wash at or below 40°C		
4	WS50		i	Wash at or below 50°C		
5	WS60		j	Wash at or below 60°C		
6	NWS		d	Do not wash		
7	HWS		c	Hand Wash		
8	IR		B	Ironing symbol		
9	IRL		D	Iron at low temperature		
10	IRM		E	Iron at medium temperature		
11	IRH		F	Iron at high temperature		
12	NIR		C	Do not iron		
13	CL		J	Professional cleaning symbol		
14	CLF		M	Dry clean, hydrocarbon solvent only (HCS)		
15	CLP		L	Dryclean, tetrachloroethylene (PCE) only		
16	NCL		K	Do not dry clean		
17	WCL		N	Professional wet cleaning		
18	BL		G	Bleaching allowed (chlorine and non-chlorine bleach)		

OK Cancel Add line

Care Instruction Group: Use this to create various care instruction groups which can be used in Style master data.

Care Instruction Group

Code Group: 1

Description: Shirt

#	Symbol Name	Symbol Description
1	WS	Washing symbol
2	WS40	Wash at or below 40°C
3	IRL	Iron at low temperature

OK Cancel Add Symbols

Composition: This option can be used to create a composition with different types of component. This composition can be used in Style master data.

The 'Composition' dialog box is used to define the components of a style. It features a 'Code' field with 'SHIRT', a 'Name' field with 'Cotton Shirt', and a 'Description' field with 'Cotton Shirt'. Below these fields is a 'Compon...' button. The main area is a table with two columns: '# Component' and 'Desc. Component'. The table contains two rows: '1 Cotton' and '2 Lycra'. At the bottom are 'OK' and 'Cancel' buttons.

#	Component	Desc. Component
1	Cotton	Cotton
2	Lycra	Lycra

3.1.2.10 Brand

For different brands, create a brand master here. The brand needs to be active to use it in the style master data.

The 'Argns Brands' table lists various brands. It has columns for '#', 'Code', 'Name', and 'U_Active'. The table contains 10 rows of data, with the 10th row highlighted in yellow. At the bottom are 'OK' and 'Cancel' buttons.

#	Code	Name	U_Active
1	AutoJack	Auto Jack	<input checked="" type="checkbox"/>
2	BBD	BB Dakota	<input checked="" type="checkbox"/>
3	CityGear	City Gear	<input checked="" type="checkbox"/>
4	Glamorise	Glamorise	<input checked="" type="checkbox"/>
5	LeeAnn	LeeAnn	<input checked="" type="checkbox"/>
6	Levante	Levante	<input checked="" type="checkbox"/>
7	Nike	Nike	<input checked="" type="checkbox"/>
8	Rebook	Rebook	<input checked="" type="checkbox"/>
9	SCT	Scanlan Theodore	<input checked="" type="checkbox"/>
10			<input checked="" type="checkbox"/>

3.1.2.11 Style Status



This is style status master which indicates the purpose of designing any style. You can also create your own style status here.

[illegible]

3.1.2.12 Instruction

This is instruction master where you can create your own instructions.

Instruction

Code	POM	Version	1
Description	Mesaurements 	Section	POM 
Instruction	POM	<input checked="" type="checkbox"/> Active	

OK Cancel

3.1.2.13 Instruction Chart

This is used to create a master chart which contains a list of instructions. This chart can be used in the style master data to print the Tech Pack.

Instructions Chart

Code: ☒ Active

Description:

#	Code	Description	Section
1	➡ General	General	General
2	➡ Front	Front Instructions	Front
3	➡ Back	Back Instructions	Back
4	➡ Materials	Materials	Materials
5	➡ POM	Mesaurements	POM
6	➡ Images	Style Pictures	Images
7	➡ Logos	Logos/Graphics	Logos
8	➡ Development	Development Log	DevelopmentLog
9	➡ CostSheet	Cost Sheet	CostSheet
10	➡ Flat	Style Illustration	Flat
11	➡ FabDetails	Fabric Details	FabDetails

3.1.2.14 Tree View Setup

Here you need to setup for Style and Raw materials category tree view report. To create a tree based on the style attributes you need to tick on option 'Show'. To set the order of the

tree you need to set the order number. To visualize the attributes details on the report you need to tick on the option 'Visible'. In the style tree tab you set the tree setup for all the styles and in Raw material tree tab you can set the tree setup for all the raw materials.

Tree Setup - Style Tree

PropCode	Desc	Show	Order	Visible
1	Season	<input type="checkbox"/>	1	<input type="checkbox"/>
2	Product Line	<input checked="" type="checkbox"/>	2	<input checked="" type="checkbox"/>
3	Style Status	<input type="checkbox"/>	0	<input type="checkbox"/>
4	Product Group	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>
5	Collection	<input type="checkbox"/>	2	<input type="checkbox"/>
6	Brand	<input checked="" type="checkbox"/>	3	<input checked="" type="checkbox"/>
7	Designer	<input type="checkbox"/>	0	<input type="checkbox"/>
8	Division	<input checked="" type="checkbox"/>	4	<input checked="" type="checkbox"/>
9	Year	<input type="checkbox"/>	0	<input type="checkbox"/>
10	Owner	<input type="checkbox"/>	0	<input type="checkbox"/>
11	Customer	<input type="checkbox"/>	0	<input type="checkbox"/>
12	Vendor	<input type="checkbox"/>	0	<input type="checkbox"/>
13	Drop	<input type="checkbox"/>	0	<input type="checkbox"/>
14	SubCollection	<input type="checkbox"/>	2	<input type="checkbox"/>

Tree Setup - Raw Material tree

PropCode	Desc	Show	Order	Visible
1	Season	<input type="checkbox"/>	0	<input type="checkbox"/>
2	Product Line	<input type="checkbox"/>	0	<input type="checkbox"/>
3	Style Status	<input type="checkbox"/>	0	<input type="checkbox"/>
4	Product Group	<input type="checkbox"/>	0	<input type="checkbox"/>
5	Collection	<input type="checkbox"/>	0	<input type="checkbox"/>
6	Brand	<input type="checkbox"/>	0	<input type="checkbox"/>
7	Designer	<input type="checkbox"/>	0	<input type="checkbox"/>
8	Division	<input type="checkbox"/>	0	<input type="checkbox"/>
9	Year	<input type="checkbox"/>	0	<input type="checkbox"/>
10	Owner	<input type="checkbox"/>	0	<input type="checkbox"/>
11	Customer	<input type="checkbox"/>	0	<input type="checkbox"/>
12	Vendor	<input checked="" type="checkbox"/>	2	<input checked="" type="checkbox"/>
13	Drop	<input type="checkbox"/>	0	<input type="checkbox"/>
14	SubCollection	<input type="checkbox"/>	0	<input type="checkbox"/>
15	Raw Material Typ	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>

3.1.3 Embroidery-Engraving

3.1.4 Costing & Manufacturing

The costing section allows companies to setup the costing scenario for local and outsourced production Scenarios.

3.1.4.1 Sub Operations

Now a manufacturing operation can be detailed in sub-operations to calculate the SAM/SMV for a style. Also it helps employees to follow the sequence for each job. Sub-operations can be linked to the cost sheet.

In order to create a sub-operation go to Apparel & Footwear → Administration → Setup → Costing and Manufacturing → Sub-operations

#	Code	Name	U_Description
1	SUB01	Close Crotch	Close Crotch
2	SUB02	Back Stitch	Back Stitch
3	SUB03	Filleting Butterfly	FILLETING BUTTERFLY
4	SUB04	Leg cut	Leg cut
5			

3.1.4.2 Sub Operations Template

In order to create a sub-operation template go to Apparel & Footwear → Administration → Setup → Costing and Manufacturing → Sub-Operations Template
Select the sub operations desired and complete the sub-operation order and time in seconds.

#	Code	Description	Order	Seconds
1	SUB01	Close Crotch	1	20
2	SUB04	Leg cut	2	40

3.1.4.3 Operations Template

Operation templates allow you to setup the cost and sequence of operations needed to produce a finished or semi-finished style.

Code	Description	Sub-Oper Template	Preferred Vendor	Lead Time	Seconds	SKH	Resource	End Production	Cost	Qty	UoM	Price List	Currency	Price	Total
O9901	Cutting	CTH			0	0	CUT	<input type="checkbox"/>	0.00	1.00		Price Li * INR	INR	134.00	134.00
O9902	Sewing	CDHT			0	0	SWL	<input type="checkbox"/>	0.00	1.00		Price Li * INR	INR	67.00	67.00
O001	Packing				0	0	PAK	<input type="checkbox"/>	0.00	1.00		Price Li * INR	INR	268.00	268.00
O002	QA				0	0	QA	<input checked="" type="checkbox"/>	0.00	1.00		Price Li * INR	INR	335.00	335.00
								<input type="checkbox"/>	0.00	0.00				0.00	

Total Operations (in local Currency) 604.00
Total SAM 0
Total Seconds 0

3.1.4.4 Cost Schemas

Costing schemas serve as templates to calculate the final price of the style. Costing schemas are used in the costing sheet as percentage in top of purchase and production costs. An example would be different fees applied to importing the garments.

#	Code	Description	Price List	%	Applicable To	Currency	Amount
1	HN01	Handling	Last Purchase Price	0.00	Purchases	INR	5.00
2	CUS01	Customs	Last Purchase Price	0.00	Purchases	INR	7.00

3.1.4.5 Advance Cost Schemas

A new feature has been added to the costing process. The user can now create advanced cost schemas based on different line types.

1. Items.

Regular items from the item master data

2. Formulas

Simple formulas, such as adding lines or using other operations

3. Queries

Queries to the SAP B1 databases using standard queries (using query manager)

First. Go to Administration → Setup → Costing and Manufacturing → Advanced Cost Schema

For best practices the user might create a non-inventory item to create dummy items, for example F for formula, Q for query and so on. Select the line type and the item, in the example the user selects an item in the database. This item retrieves standard price from SAP but the user can change the value on the schema.

Once the item is selected add a new line. Select the item type Query, enter the name and TAB in the query field to retrieve a query from SAP. In this case I need the BLOCK from the ADM1 table as an example.

Finally add an item to run the total line 1 + 2 , use the @ to start the line and the # to close the line @1#+@2# (running total of line 1 + 2)

#	Item Type	Item Code	Item Description	Formula	Query Key	Query	Currency	Value
1	Item	H002	Handling				EUR	3.00
2	Query	QR	Value from ADM		209	BLOCK	USD	0.00
3	Formula	FM	Line 1 + 2	@1#+@2#			EUR	0.00

Another example would be to add lines 1+2 and divide by 2
 (@1#+@2#)/2

Add the advanced cost sheet schema.

When creating a style the user has the option to select the standard cost schema or the advanced option

#	Code	Item Description	Applies to	Price List	Currency	Amount
1	H002	Handling	0.00 EUR		EUR	3.00
2	QR	Value from ADM	0.00 USD		USD	0.00
3	FM	Line 1 + 2	0.00 EUR		EUR	0.00

3.1.4.6 Resource Types

For local production scenarios, define your resources to be used. An example would be CUTTERS, WASHERS or QA personnel. They are then grouped in Work Centers (see below). Resources can be machines, humans, etc.

[illegible]

3.1.4.7 Shifts

Shifts are used in the PDC (Production Data Collection)

[illegible]

3.1.4.8 Non-Productive Times

Non-productive times are used in the PDC (Production Data Collection).

[illegible]

3.1.4.9 Work Center (Production)

Work centers are small units used in the production process.

Work centers group resources and they can be scheduled in the production pipeline.

#	Code	Name
1	CUT	Cutting Department
2	CUT-Dubai	Cutting Departmer Dubai
3	CUT-Morocco	Cutting Department Morocco
4	CUT-UK	Cutting Departmer UK
5	Factory	Factory
6	OTH	Others
7	PCK	Packing Department
8	QA	Quakity Section
9	SEW1	Sewing Line 1
10	SEW2	Sewing line 2
11	SEW-Dubau	Sewing Lines Dubai
12	SEW-Morocco	Sewing Lines Morocco
13	SEW-UK	Sewing Lines UK
14		

OK Cancel

3.1.4.10 Priority

Different level of priority can be created which can be used at the time of production order.

[illegible]

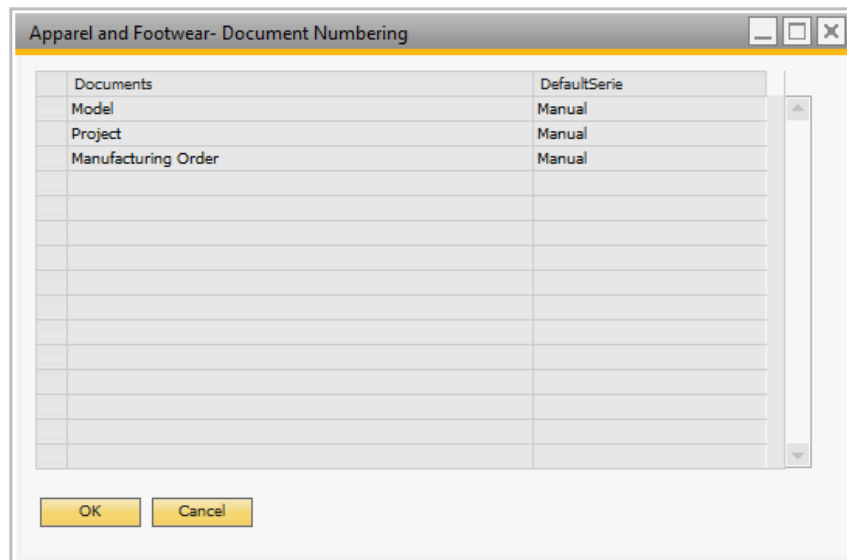
3.1.5 Maintenance-UDF Modification

Through this maintenance module any UDF type can be changed at any time. First select the Apparel table, UDF field and then choose the new type and click on update.

The screenshot displays two overlapping dialog boxes. The top dialog, titled 'Maintenance', contains fields for 'Apparel Version' (2.2.29.0) and 'Database Version' (2.2.29.0). Below these are buttons for 'Update DB', 'Update UDO', 'Register ActiveX?', 'UDF', and 'Cancel'. The 'UDF' button is circled in red, and a red arrow points from it to the 'UDF Maintenance' dialog below. The 'UDF Maintenance' dialog has a title bar and a list of UDFs. The 'UDF' column lists 'Weight Unit', which is selected. The 'Type' column for 'Weight Unit' is 'Numeric', which is circled in red. The 'New type' column shows a dropdown menu with options: 'A - Alphanumeric', 'N - Numeric', 'D - Date/Time', 'U - Units and Totals', and 'G - General'. The 'Update' button is visible at the bottom left of the 'UDF Maintenance' dialog. The right side of the 'UDF Maintenance' dialog shows fields for 'UDO Name' (ARGNS_CNTM), 'Child Table' (ARGNS_CNTM_OCPK), 'UDO Type' (Document), 'Struture' (empty), and 'New structure' (empty).

3.1.6 Document Numbering

Here you can create the document series and numbering for Model, Project and Manufacturing Order.

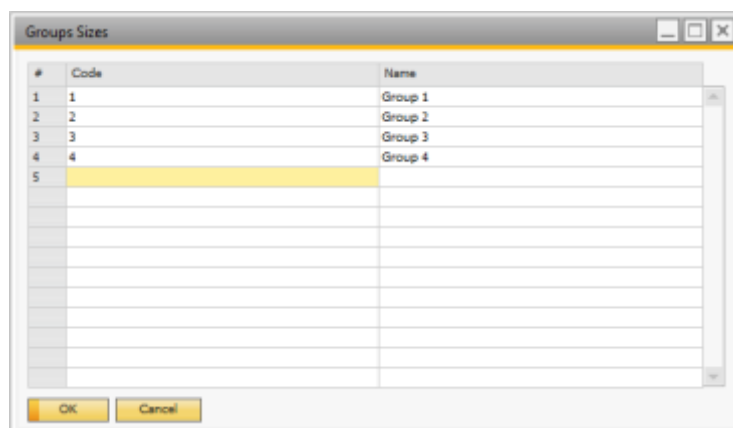


3.1.7 Inventory

Through the “Inventory” sub-enu you will find all the options to make the settings needed for management and classification of inventory items of your company.
We will describe all the options in the following pages

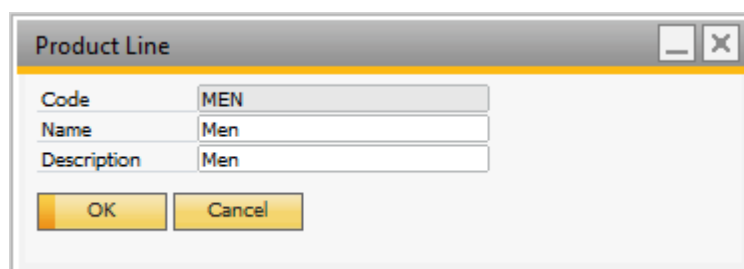
3.1.7.1 Sizes Group

Different sizes group can be created which will be used in the scale master.



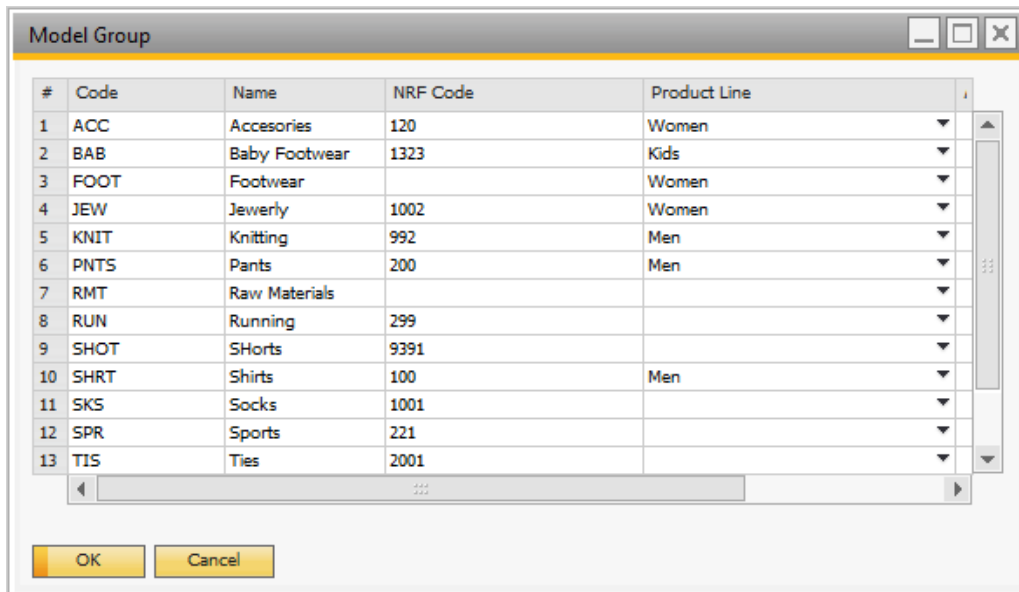
3.1.7.2 Product Lines

Choosing this option will open the form "Product Line". You can define the product lines in which your company classifies inventory items.



3.1.7.3 Product Groups

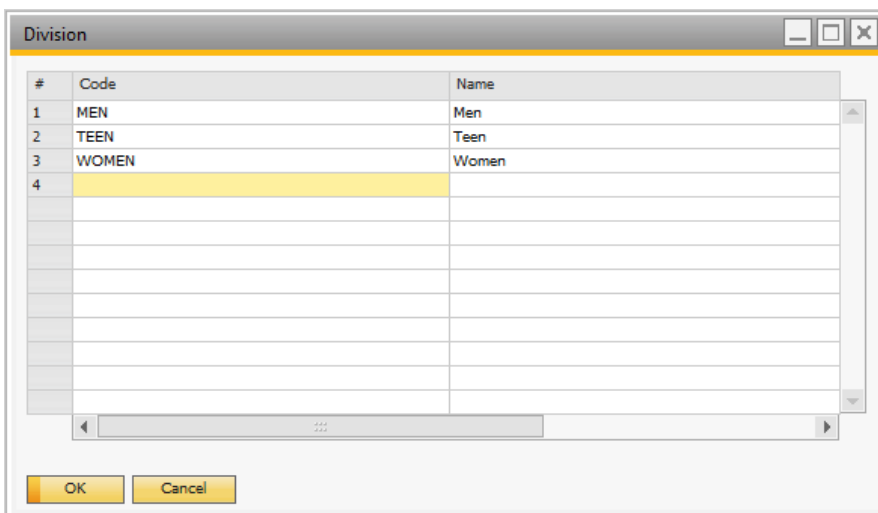
Choosing this option will open the form "Product Group". Here you can define the groups in which classified it's inventory items.



#	Code	Name	NRF Code	Product Line
1	ACC	Accessories	120	Women
2	BAB	Baby Footwear	1323	Kids
3	FOOT	Footwear		Women
4	JEW	Jewelry	1002	Women
5	KNIT	Knitting	992	Men
6	PNTS	Pants	200	Men
7	RMT	Raw Materials		
8	RUN	Running	299	
9	SHOT	SHorts	9391	
10	SHRT	Shirts	100	Men
11	SKS	Socks	1001	
12	SPR	Sports	221	
13	TIS	Ties	2001	

3.1.7.4 Division

Selecting this option, you can access the form "Division". It may define the divisions in which you classify the inventory items.



#	Code	Name
1	MEN	Men
2	TEEN	Teen
3	WOMEN	Women
4		

3.1.7.5 Years

Selecting this option you can access the form "Years". It may define the years in which you classify inventory items.

[illegible]

3.1.7.6 UPC Labels

Choosing this option will open the form "UPC labels." Here you can upload the files corresponding to the UPC labels with which they associate with its inventory items. To do so fill in the fields "Code", "Name" and "File" and click the Refresh button.

Note: UPC tags only work with LABEL MATRIX or ZPL/EPS printers.

LABEL MATRIX SYTEM REQUIREMENTS

Processor:

600 MHz Pentium III-compatible or faster (Minimum)

800 MHz or faster (minimum required for Windows® Vista) (Recommended)

Operating System:

- o Windows® 7 x32/x64
- o Windows Server 2008 R2 x64
- o Windows® Vista x32/x64
- o Windows Server 2003 x32/x64
- o Windows XP x32/x64

Memory:

- o 128 MB RAM with Windows® XP (256 MB recommended)
- o 256 MB RAM with Windows® Server 2003 (512 MB recommended)
- o 512 MB RAM with Windows® Vista (1 GB recommended)
- o 512 MB RAM with Windows® Server 2008 (2GB recommended)
- o Hard drive with at least 150 MB of available space

3.1.7.7 Size Equivalence Dimensions

In many cases size equivalences are used to specify different size dimensions based regional requirements.

Different dimensions can be added here.

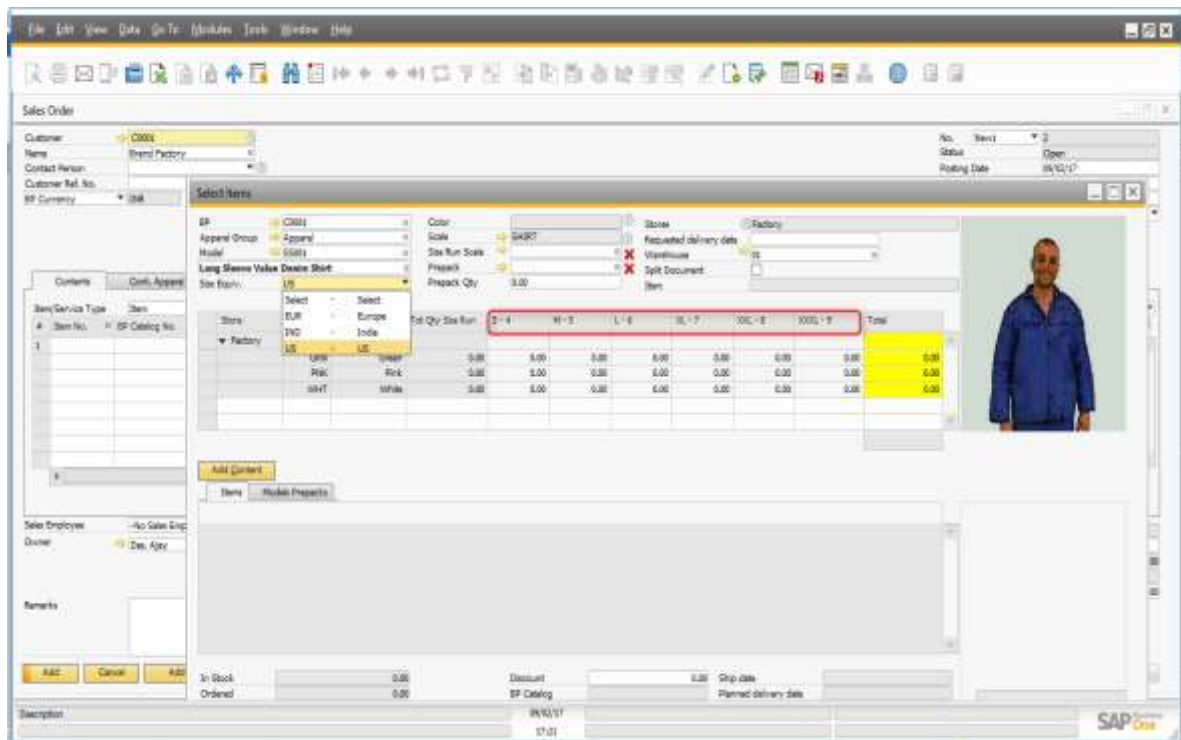
[illegible]

3.1.7.8 Size Equivalence Master

You can create one size equivalence per size chart. To add a new entry switch to add the mode. Select the scale. Enter a dimension and all the values. Right click in the row to add a new dimension. Click add when done.

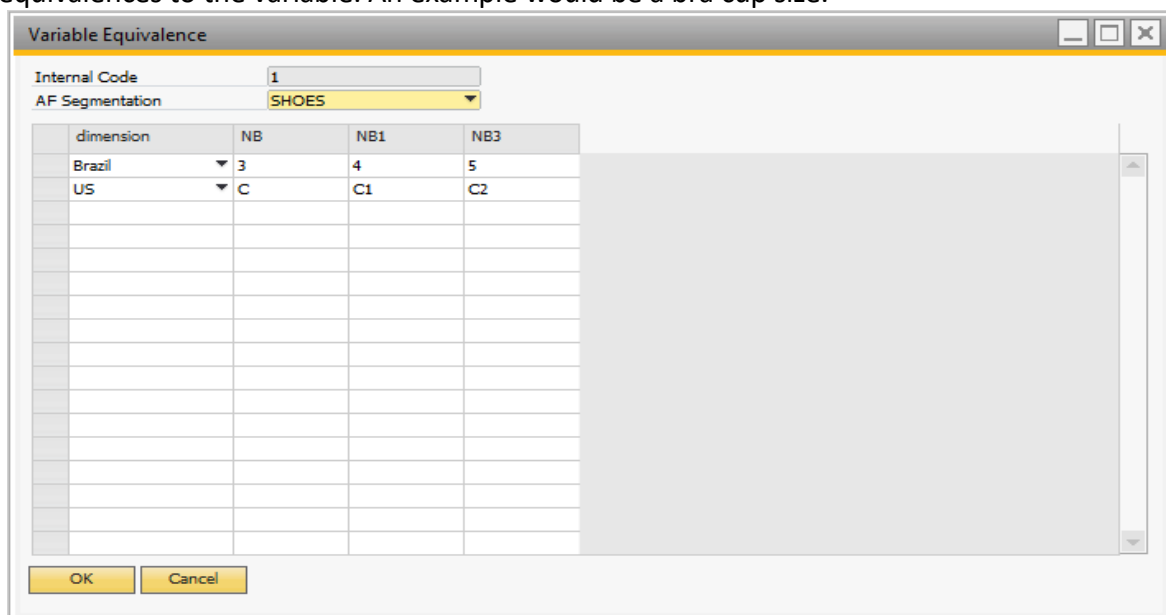
[illegible]

This information can be used in marketing documents, when selecting the styles through the matrix.



3.1.7.9 Variable Equivalence Master

Usually variables are used to specify a 3th attribute to the style. Now it is possible to add equivalences to the variable. An example would be a bra cup size.



3.1.7.10 Item Segmentation

Usually Apparel Companies recognize different segments or attributes for their products. Styles attributes may range from Style code to Size or sleeves. Shoes may have a fourth segment such as width or finishing. To build the SKU number in Apparel & Footwear, first you need to create your product segmentation groups.

In "Apparel & Footwear Segmentation" you can define different apparel groups (Shoes, Shirts, Raw Materials) based on the type of product segmentation used (Code-color-size / code-

color, etc). In order to create a new product segmentation, fill in the Name field segmentation and then select the segments to be included in the codification. Completing the fields" Segment Name ", "Max Length" which shall indicate the maximum number of characters allocated to the segment within the coding.

Important: The sum total of the characters assigned to all segments must not exceed 50 digits when SAP version is 9.2 or above. Below SAP version 9.2 the segments must not exceed 20 digits.

You can also check in the "Default Description" checkbox by which you may include the description of each segment as the product description in the master data If needed, in the field

"Use a separator" enter the character to use separator between different segments.

If you want, your segmentation be available for the encoding of new items just select the checkbox "Active."

Use	Segment Name	Max Length	Default Description
<input checked="" type="checkbox"/>	Style	9	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Color	4	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Scale	4	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Size	4	<input checked="" type="checkbox"/>
<input type="checkbox"/>			<input type="checkbox"/>



EXAMPLE

Segmentation Name: "Apparel"
 Style/Style - Max length "5"
 Color – Max Length "3"
 Scale – Max Length "2"
 Size – Max Length "2"
 Use Separator: "-"

To add the item "blue pants man-size" and assign inventory segmentation "Clothing"

You must create a product for "pants" in the module "Product Management" in which the code should not exceed 5 characters, for example, 99283

You must create a color to "blue" in the "Color Chart" which code may not exceed three characters, ex: BLE

You must create a scale for "man" in the "Master of Scales" whose code may not exceed two characters, for example: HM and size to "extra large" code which may not exceed two characters, for example: XL

Once these segment are entered, resulting inventory item should be: 99283-HM-BLE-XL

4 Apparel & Footwear Main Menu

4.1 Master Data


4.1.1 Create Patterns

In order to create a Pattern Go to Master Data → Pattern. Enter Code, description, product group (shirts, pants, etc) and a comment.


Pattern

Code: ☒ Active

Description:

Product Group: 

Comments:



4.1.2 Pattern Templates

To create a pattern template (to group various patterns) go to Master Data → Pattern Template. Enter code, description and product group. This is used to filter the same pattern types. At line level look for the individual pattern and enter the quantity.

[illegible]

4.1.3 Adding patterns to style cost sheets

To add a new pattern template and patterns open a new or existing costing sheet. Select a template and save. Then select the patterns to include in the garment using the select check box next to each pattern.

4.1.4 Color Master

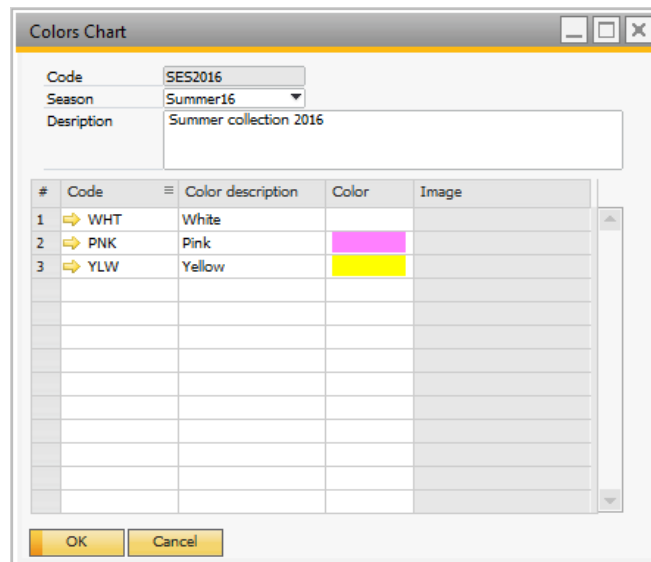
The color master is the library that manages all the colors and textures that will be included as a segment of the products generated in the PDM module. To access the color master window on the SAP menu, go to Apparel and Footwear / Master Data / Color Chart.

Note:

The color code segment should not exceed what is indicated in the segmentation to be used for style.

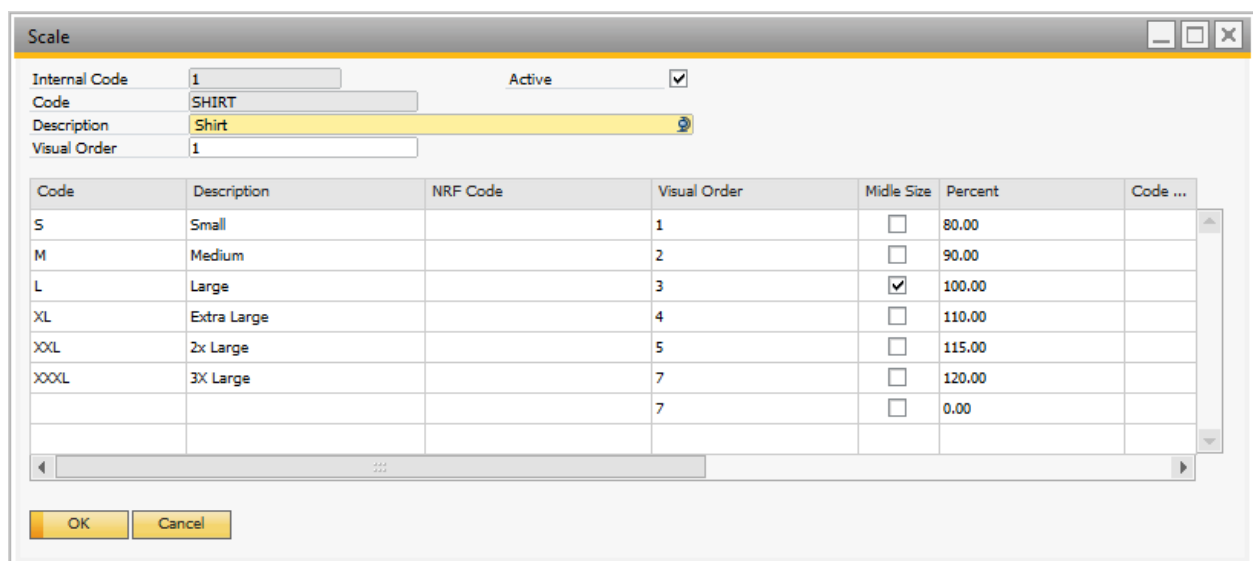
4.1.5 Color Chart

The color chart is the template to be used across a season or collection for all styles. Color charts are linked to the style.



4.1.6 Scale Master

Apparel & Footwear allows the creation of multiple types of scales with its size chart, which are then associated with the products in the PDM module. The scale code and its length should not exceed what is specified in the segmentation of items.



Store	Color	Color Description	Tot Qty	Size Run	S	M	L	XL	XXL	XXXL	Total
Factory	SHIRT	Green	2.00	2.00	2.00	4.00	4.00	5.00	2.00	14.00	14.00
	SHIRT	Pink	0.00	2.00	2.00	4.00	4.00	5.00	2.00	13.00	13.00
	SHIRT	White	0.00	2.00	2.00	4.00	4.00	5.00	2.00	13.00	13.00
											27.00

4.1.8 Variable

The segment variable is used to add a third attribute to the style. This segment can be used to define the width of shoes, or the finishing of the same style code.

4.1.9 UOM

Now the solution support UOM groups to use different purchase and sales Unit of Measures. This is the case where the company buys / sells styles in packs or units.

Store	Color	Color Description	Tot Qty	Size Run	S	M	L	XL	XXL	XXXL	Total
Factory	SHIRT	Green	2.00	2.00	2.00	4.00	4.00	5.00	2.00	14.00	14.00
	SHIRT	Pink	0.00	2.00	2.00	4.00	4.00	5.00	2.00	13.00	13.00
	SHIRT	White	0.00	2.00	2.00	4.00	4.00	5.00	2.00	13.00	13.00
											27.00

5 Creating a New Style

5.1 Product Data Management

The product data management module manages all information about the conception, design and data repository of a product within the company. Is a collaborative tool used to enter, review and share elements related to a style or raw material (trim or fabric). You can add specifications, images, materials list, construction details, dimensions, cost of design and management of samples. All this data can be accessed by internal users (designers, department) collaborating along the product lifecycle. When managing styles, you can link multiple images and colors as well as scale types (US, EU, etite, etc)

Scale	Size	Size Desc.
▼ SHORT	S	Small
	M	Medium
	L	Large
	XL	Extra Large
	XXL	2x Large
	XXXL	3X Large

You can manage all the libraries of colors and materials and create multiple sourcing and managing design costs.

Product Data Management includes the following features:

Colors chart or templates

The color chart is the library to manage all the colors and textures that will be included as a segment of the products generated in the PDM module. To access the library to add, delete or change colors go to :

Apparel & Footwear / Master Data / Color Chart.

Scales

Apparel & Footwear allows for the creation of multiple scale types and sizes, which are then associated with the styles in the PDM module.

Design and Concepts

The designers and marketing department employees can work from concept (storyboards), drawings and everything related to the creative phase, managing documents and changes. You can link PDFs, word documents, images etc. Designers always have the option to open and manage illustrator (or any other design tool) files.

Workflow

Workflow provides simple and effective time and action calendars to track progress through the product lifecycle. A configurable tool allows the creation of critical path activities. Tasks are associated to the different activities and are duration-based. Activities and tasks can be associated to styles for calendar management.

POM (Point of Measures)

All technical product information is entered in this section. The point of measure chart is entered, recognizing the size chart and product type and facilitating the data entry. You can also enter the production and assembly instructions. The development of specifications is improved since common products measurements can be imported, and you can also copy existing database product specifications from templates.

Costing

The materials management department uses this module to generate the different sourcing (materials management) and reach the costs associated with the style. From this module you can export to inventory and production when approved.

Alerts and Activities

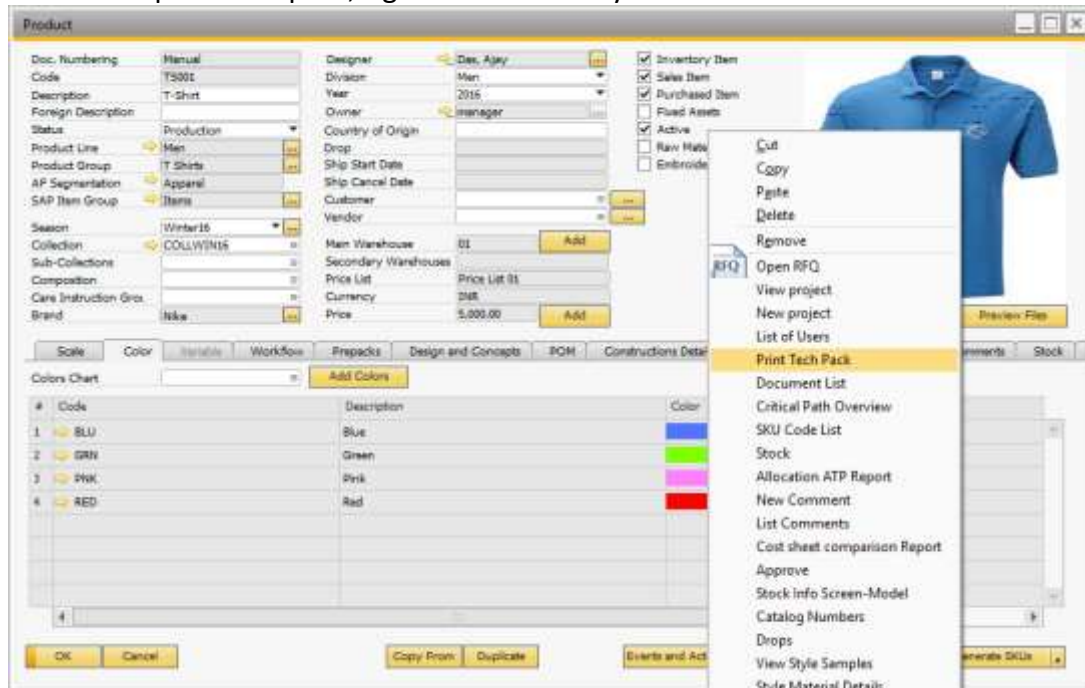
All users with authorized level can register and update activities in the event calendar. In case data needs to be reviewed by a manager (e.g.: prepack approval), the module generates an alert indicating to the user this action. The product calendar can be synchronized with Outlook if the user runs outlook integration add on.

Tech Pack

The specification package (Tech Pack) is the repository of product information generated by users involved in all phases of design and development and is used as a contract for the production phase, (internal or external process). The package can be exported to Acrobat Reader, Excel and sent to internal or external users (suppliers) via email.

Tech Pack Layouts

In order to print tech pack, right click on the style and select 'Print Tech Pack'.



The solution now offers three default layouts bases on tech pack best practices

By definition a tech pack is the blue print to manufacture garments. These are the common sections:

1. Lead Sheet – not important – shows the final product
2. Spec Sheet – (important) – shows the entire garments measurement
3. Call-Out sheet (important) – highlights indicate measurements and garment details that need to be called out to the sewer or cutter
4. Cost Sheet (important) – details total cost to produce the garment
5. Sewing Sheet (important) – details of sewing instructions for each adjoining piece and alteration

Compressed

1 page crystal with:

1. One central picture with construction details
2. Measurements
3. Materials

Best Practice

1. Lead Sheet – general area to upload final product or sketch
2. Spec Sheet - POM section
3. Call out section -

4. Cost Sheet – specify de cost sheet grouped by fabrics, trims , accessories , other in this order. Show also patterns
5. Sewing Sheet – material detail

In the PDM select the desired instruction chart , add the pictures or references and click on print tech pack

CODE	PT19988	WORK SHEET		YENDOR	DESIGNER	MERCHANDISER
DESCRIPTION	CK Shirt Men				Lucas, Designer	
SEASON	2016 - Spring Summer 2016	Text		CUSTOMER	SIZE RANGE	
COLLECTION	Men collection 2016				S, M, L, XL	

Important: Download the 'reports.rar' file with the new layouts

Fitting Management

This section records all testing phases. All data related to testing are entered, recorded, date, time and user who entered the data.

6 Managing Styles with PDM

Choosing this option will open the form "Product Data Management" where you can fully manage the creation of a product from the assignment of colors and sizes to assembly instructions, BOM, etc.

The following are the main components of this module:

1. **Code:** In this field, you must enter a code that identifies the product. Remember to take into account the definition of the segmentation that you choose. For example, if the definition of segmentation you apply has five characters assigned to the product, the length of this code shall not exceed those five characters. Otherwise, you will not be able to add products afterwards.
2. **Description Field:** In this field, you must enter a minimal description of the product. The character limit for this field is 254.
3. **Product Line field:** Use this field to select from a dropdown list of available product lines (for the generation of product lines to see the menu option Administration / Setup / Apparel & Footwear / Inventory / Product Lines).
4. **Segmentation Filed:** Use this field to select from a dropdown list of items available segmentations (for the generation of segmentation of items in the solution view menu option Administration / Setup / Apparel & Footwear / Inventory / Segmentation articles).
5. **Product Group field:** Use this field to select from a dropdown list of product groups available (for the generation of product groups in the solution view menu option Administration / Setup / Apparel & Footwear / Inventory / Product Groups).
6. **SAP Item Group field:** Use this field to select from a dropdown list of item groups available in SAP Business One (for the generation of product groups in SAP Business One view menu Administration / Setup / Inventory / Item Groups).
7. **Division Field:** Use this field to select from a dropdown list of available product divisions (to generate more divisions in the solution menu option Administration / Setup / Apparel & Footwear / Inventory / Divisions).
8. **Seasons Field:** Use this field to select from a dropdown list of the seasons available (to generate more seasons in the solution menu option Administration / Setup / Apparel & Footwear / Inventory / Seasons).

9. Years Field: Use this field to select from a dropdown list of the years available (for the generation of years in the solution view menu Administration / Setup / Apparel & Footwear / Inventory / Years).
10. Price List field: Use this field to select from a dropdown list of available price lists (for the generation of price lists in Administration / Setup / Apparel & Footwear / Inventory / Price Lists)
11. Main Warehouse Field: Use this field to select from a drop down list one of the stores available in SAP Business One (for the generation of SAP Business One stores see menu option Administration / Setup / Inventory / Warehouses).
12. Country of origin Field: Use this field to enter your country of origin of the product if the product is manufactured outside the country where your company is established
13. Ship Start Date Field: This field must enter through the date picker, the date on which it is planned to ship the product from its place of origin
14. Ship Cancel Date Field: This field must enter through the date picker, the date on which it will cancel the shipment of the product, if it has not been completed so far.
15. Owner: Indicate which SAP users will own the product.
16. Active checkbox: Using this selection box you can activate or deactivate the selected product, it indicates whether the style is active. Select this option if you don't want the product to be selected in any process.

The screenshot shows the 'Item Master Data' window in SAP. The 'General' tab is active. The 'Item No.' is 'M199199-1982-1024'. The 'Description' is 'Cloud Shirt Buff 24M'. The 'Item Type' is 'Items'. The 'Item Group' is 'Items 2'. The 'UoM Group' is 'GARMENT'. The 'Bar Code' is '2938483024139' with the unit 'EACH'. The 'Style' is 'M199199'. On the right, there are checkboxes for 'Inventory Item', 'Sales Item', and 'Purchase Item', all of which are checked. Below the tabs, there is a line drawing of a t-shirt on the left and a large yellow rectangular area on the right, likely for a color swatch or image.

6.1 Product Window

Scale

Select the types of scale and size that will be linked to the style. Once assigned that can be edited in design stage. When items are created as SAP, they remain linked to the style.

Color

Using the "Add Colors", you assign the colors available for the style

Design and Concepts forms

This form allows you to keep records, concepts or any document relating to the product

Construction Details

Here you can enter comments minutes or style building details

Cost Sheet

Apparel and Footwear manages costing sheets (used during the costing process) and when approved, it can be used to create a production bill of material or getting the cost for outsourced manufacturing process. During the design stage and planning, different sheets can be created to determine costs. To create a new sheet, select the button "Add Cost Sheet", which will open a form.

[illegible]

To add materials, select the "Add A.F items", or browse for any material in the grid if you want to add a work (sewing), materials, etc. If you want to use the matrix, select the operation tab (create operations in the item mater data)." Add a cost schema (indirect costs).
The Summary tab, shows Cost details like total cost, cost percentage, suggested price:

Materials		Operations		Sub Operations		Schemas		Patterns		Summary	
Purchase Price	100.00	Duty	3.00								
Materials	34.00	Internal Transportation	3.00								
Operations	5.00	Freight	3.00								
Indirect Costs	5.00	Handling	3.00								
Total Cost	152.00	ODP	3.00								
Cost %	5.00	Margin	123.00								
Sales %	4.00	CFP	3.00								
Slope Factor	3.00										
Suggested Price	178.58	User Text 1									
Final Price	1.00	User Text 2									
		User Text 3									

Copy To Price List

OK Cancel

Suggested Price = totalcost + ((totalcost * Cost %) / 100)

Suggested Price = suggested price / (1 - (Sales % / 100))

Suggested Price = suggested * Store Factor

There are 4 options in the Cost Sheet:

- CxT= Check to apply consumption by % defined in the scale. When the fabric consumption varies for each scale.
- CxGT, CxGT1, CxGT2 = Check to combine sizes groups. For example, Sole size 38 for boot size 37.
- CxS = Check to combine the size of the raw material with the size of the finished product. If the size scale matches, for example, Sole 37 to Boot 37.
- CxC= Check to combine the color of the raw material with the color of the finished product. If the color matches, for example, Black leather with Black Boot.

CxGT – Size Groups

Let's say that the same Zipper Small for Pant sizes Small, Medium and Large.

Product

Doc. Numbering: Manual
Code: ZIPPER
Description: Zipper for Jeans
Foreign Description:
Status: Production
Product Line: Men
Product Group: Raw Materials
AF Segmentation: Apparel
SAP Item Group: Items
Season:
Collection:
Sub-Collections:
Composition:
Care Instruction Gro:
Brand:

Designer:
Division: Men
Year: 2016
Owner: manager
Country of Origin:
Drop:
Ship Start Date:
Ship Cancel Date:
Customer:
Vendor: V0001
Main Warehouse: 01
Secondary Warehouses:
Price List: Price List 01
Currency: INR
Price: 50.00

☒ Inventory Item
☒ Sales Item
☒ Purchased Item
☐ Fixed Assets
☒ Active
☒ Raw Material
☐ Embroidery-Engraving

Preview Files

Scale: Zipper

Scale	Size	Size Desc.	Sel
Zipper	S	Small	<input checked="" type="checkbox"/>
	M	Medium	<input checked="" type="checkbox"/>
	L	Large	<input checked="" type="checkbox"/>

OK Cancel Copy From Duplicate Events and Activities ☐ Create UPC Codes Generate SKUs

Size groups are defined in Administration → Setup → Apparel and Footwear → Inventory → Size Group

The screenshot shows a dialog box titled "Args Groups Sizes". It contains a table with three columns: "#", "Code", and "Name". The first three rows of the table are highlighted with a red rectangle.

#	Code	Name
1	1	1 Zipper
2	2	2 Zipper
3	3	3 Zipper
4	L	Large
5	M	Medium
6	S	Small
7	XL	Extra Large
8		

At the bottom of the dialog box, there are two buttons: "OK" and "Cancel".

After that, in the size scale for the zipper is defined the Size Group for the size matching.

The screenshot shows the "Scale" dialog box with the following settings:

- Internal Code:** 4
- Code:** Zipper
- Description:** Zipper
- Visual Order:** 4
- Active:** ☒

Below the input fields is a table with columns: Code, Description, NRF Code, Visual Order, Middle Size, Percent, Code Group, Code Group 1, Active, and Code Group 2.

Code	Description	NRF Code	Visual Order	Middle Size	Percent	Code Group	Code Group 1	Active	Code Group 2
S	Small		1	<input type="checkbox"/>	0.00	1 Zipper		<input checked="" type="checkbox"/>	
M	Medium		2	<input checked="" type="checkbox"/>	0.00	2 Zipper		<input checked="" type="checkbox"/>	
L	Large		3	<input type="checkbox"/>	0.00	3 Zipper		<input checked="" type="checkbox"/>	
			4	<input type="checkbox"/>	0.00			<input checked="" type="checkbox"/>	


At the bottom are "OK" and "Cancel" buttons.

The same match is made for the PANT scale.

Scale

Internal Code: Active: ☒

Code:

Description: 

Visual Order:


Code	Description	NRF Code	Visual Order	Midle Size	Percent	Code Group	Code Group 1	Active	Code Group 2
28	28		1	<input type="checkbox"/>	85.00	1 Zipper		<input checked="" type="checkbox"/>	
30	30		2	<input type="checkbox"/>	90.00	1 Zipper		<input checked="" type="checkbox"/>	
32	32		3	<input type="checkbox"/>	95.00	2 Zipper		<input checked="" type="checkbox"/>	
34	34		4	<input checked="" type="checkbox"/>	100.00	2 Zipper		<input checked="" type="checkbox"/>	
36	36		5	<input type="checkbox"/>	105.00	2 Zipper		<input checked="" type="checkbox"/>	
38	38		6	<input type="checkbox"/>	110.00	3 Zipper		<input checked="" type="checkbox"/>	
40	40		7	<input type="checkbox"/>	115.00	3 Zipper		<input checked="" type="checkbox"/>	
			8	<input type="checkbox"/>	0.00			<input checked="" type="checkbox"/>	

OK Cancel

Once the style is approved, the user can generate the BOM in SAP by selecting the option BOM Wizard.

Product

Doc. Numbering	Manual	Designer	Das, Tapo	<input checked="" type="checkbox"/> Inventory Item
Code	SS001	Division	Men	<input checked="" type="checkbox"/> Sales Item
Description	Long Sleeve Value Denim	Year	2016	<input checked="" type="checkbox"/> Purchased Item
Foreign Description	Long Sleeve Value Denim	Owner	manager	<input type="checkbox"/> Fixed Assets
Status	Production	Country of Origin		<input checked="" type="checkbox"/> Active
Product Line	Men	Drop	TST - Test Drop	<input type="checkbox"/> Raw Material
Product Group	Shirts	Ship Start Date	01/04/16	<input type="checkbox"/> Embroidery-Engraving
AF Segmentation	Apparel	Ship Cancel Date	30/06/16	
SAP Item Group	Items	Customer	C0001	
Season	Summer16	Vendor	V0001	
Collection	COLLSUM16	Main Warehouse	01	<input type="button" value="Add"/>
Sub-Collections	SUBSUM01	Secondary Warehouses		
Composition	SHIRT	Price List	Price List 01	
Care Instruction Gro		Currency	INR	
Brand	LeeAnn	Price	1,400.00	<input type="button" value="Add"/>



Scale Color Variable Workflow Prepacks Design and Concepts POM Constructions Details Logos Cost Sheet Fitting Comments Stock

#	Code	Description
1	SS001	Long Sleeves Shirt
2	SS001-1	Long Sleeves Shirt


☐ Create UPC Codes

1 - Create/Update BOM
2 - BOM Wizard

BOM Wizard

Model: SS001

Description: Long Sleeve Value Denim Sh



In Stock: 2,533.00
Committed: 786.00
Ordered: 626.00
Available: 2,279.60

Created	Model	Color	Variable	Product No	Product Description	Bom Type	X Quantity	W.
Yes	SS001	GRN - Green						
				SS001-GRN-L	Long Sleeve Value Denim Shirt Green Shirt Large	Production	1.00	01
				SS001-GRN-M	Long Sleeve Value Denim Shirt Green Shirt Medium	Production	1.00	01
				SS001-GRN-S	Long Sleeve Value Denim Shirt Green Shirt Small	Production	1.00	01
				SS001-GRN-XL	Long Sleeve Value Denim Shirt Green Shirt Extra Large	Production	1.00	01
				SS001-GRN-XXL	Long Sleeve Value Denim Shirt Green Shirt 2x Large	Production	1.00	01
				SS001-GRN-XXXL	Long Sleeve Value Denim Shirt Green Shirt 3x Large	Production	1.00	01
		Pnk - Pink						
				SS001-PNK-L	Long Sleeve Value Denim Shirt Pink Shirt Large	Production	1.00	01
				SS001-PNK-M	Long Sleeve Value Denim Shirt Pink Shirt Medium	Production	1.00	01

#	Item No.	Item Description	Price List	Unit Price	Quantity	Total	Sel	Tree Type	Dist. Rule	I...
1	FB001-GRN	Fine Fabric 100% Cotton Green	Price List 01	30.00	10.00	300.00	N			M
2	TG001-WHT-L	Tags White Shirt Large	Price List 01	179.00	1.00	179.00	N			M

Total: 1,283.00

Fitting

The form fitting handles comments and traceability of style testing and fitting process

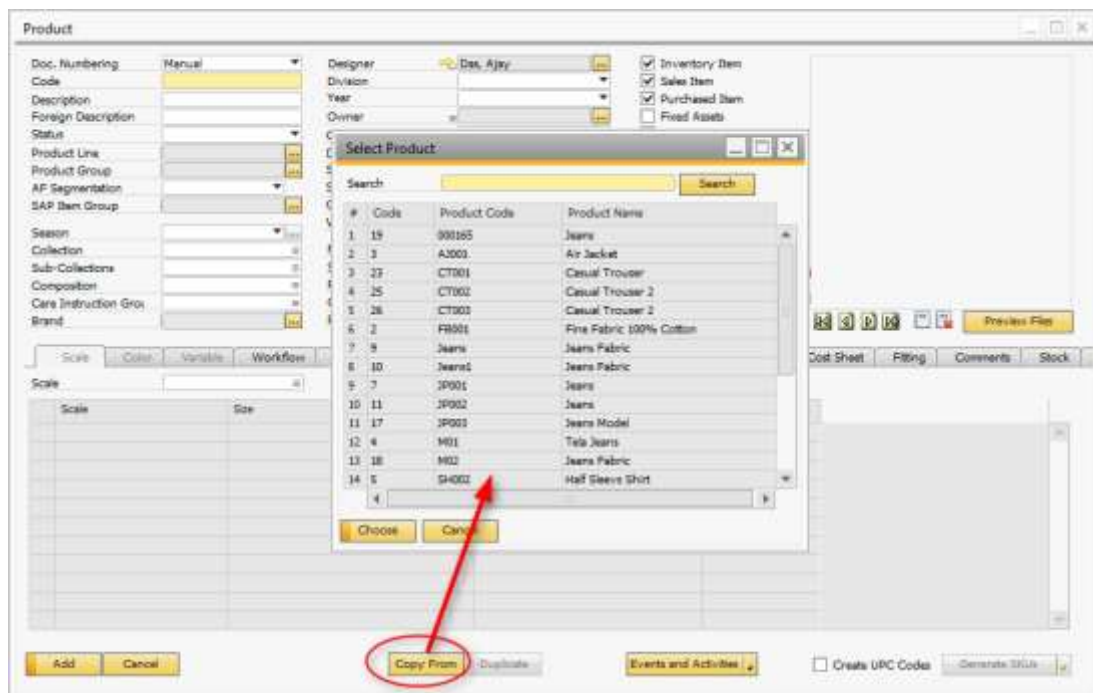
Comments

Enter general comments or technical details

6.2 PDM: Additional Functionalities

6.2.1 Copy Styles

The user can create new styles by copying existing styles basic information in the database. Select "Copy From." Then choose the desired style.



6.2.2 Duplicate Styles

The user can duplicate any style by click on 'Duplicate' option.

The screenshot shows the SAP Product Master Data - Product Data tab. The 'Scale' section is expanded, showing a table with columns for Scale, Size, and Size Desc. The 'Update' button is circled in red.

Scale	Size	Size Desc
PANT	28	28
PANT	30	30
PANT	32	32
PANT	34	34
PANT	36	36
PANT	38	38
PANT	40	40

6.2.3 Approval (Model and Logo)

If the style has to be approved by a user and specified in the initialization (Administration / Setup / general settings / approval required), the user must approve the owner of the style with this function.

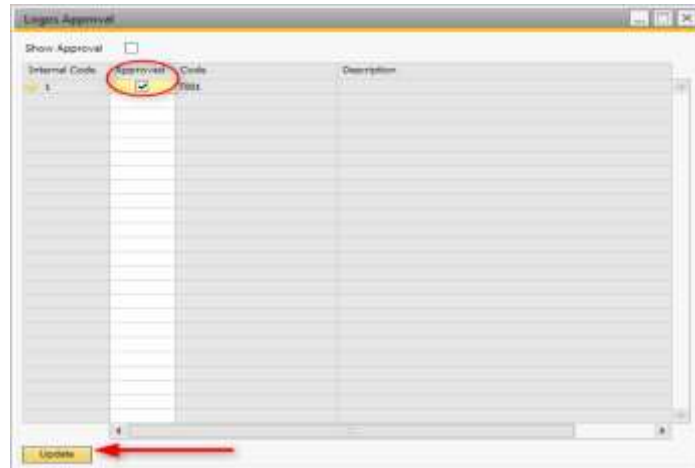
To approve model go to Apparel & Footwear → Approvals → Model Approvals
Choose the model to approve and click on update

The screenshot shows the SAP Model Approval dialog box. The 'Sel' column has a checkbox checked for the first row (Model Code: CT003, Description: Casual Trousers 2, Season: Winter16). The 'Update' button is circled in red.

Sel	Model Code	Description	Season	Collection
<input checked="" type="checkbox"/>	CT003	Casual Trousers 2	Winter16	

To approve logo go to Apparel & Footwear → Approvals → Logo Approvals

Choose the logo to approve and click on update

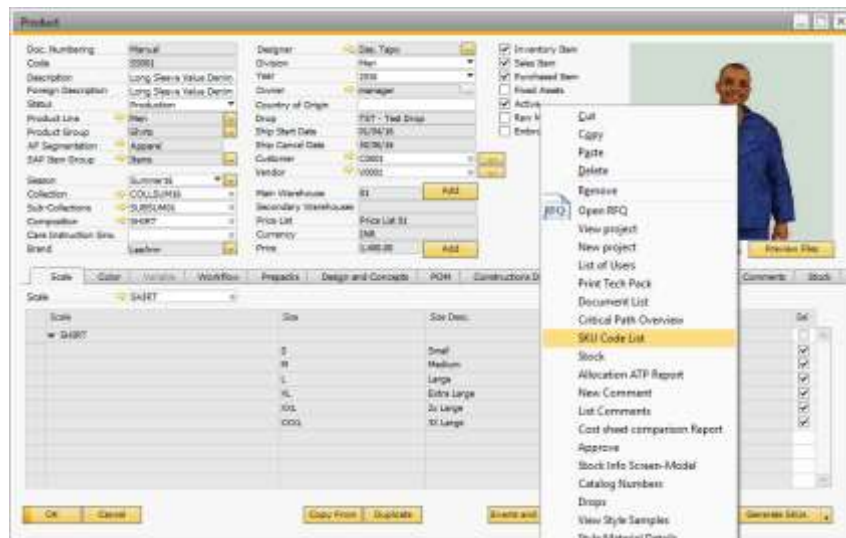


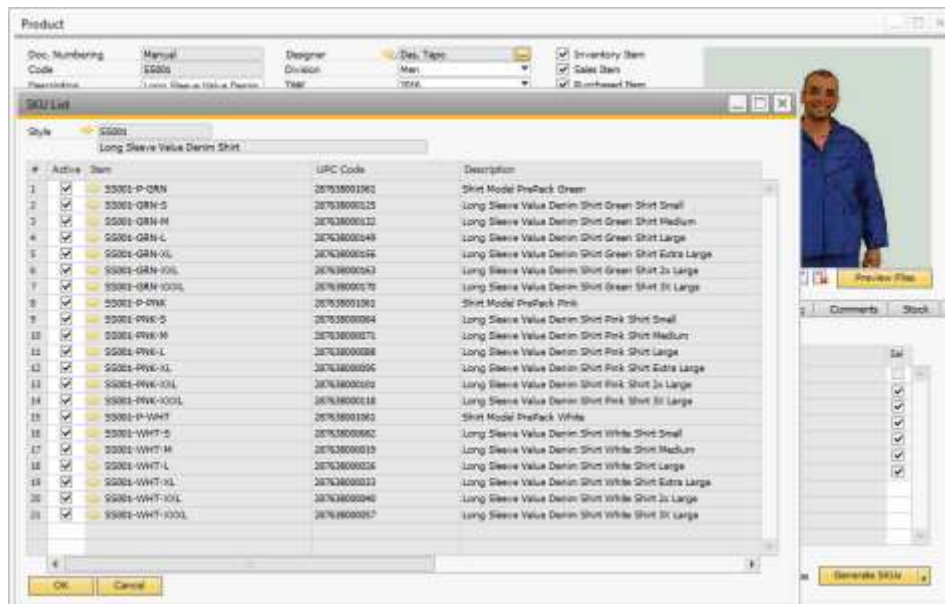
6.2.4 Events

With this option, you can create SAP B1 activities related to the style, making the collaboration between departments.

6.2.5 SKU Code List

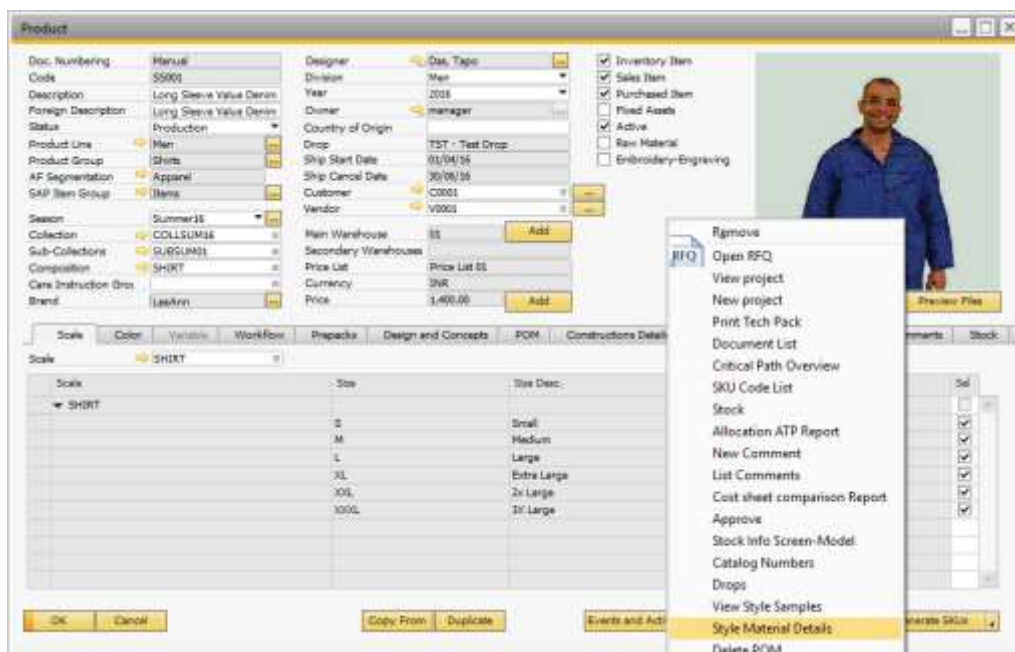
After generate SKUs, right click on Product Data Management window and click on the SKU code list to views the list of created SKUs.





6.2.6 Style Material Details

To access to the material tab information, right click in the Product Data Management window and click on Style Material Details.



Material Details

Code: 1
 Model Code: SS001
 Description: Long Sleeve Value Denim Shirt

Tabs: Fabric | Accessories | Care Instruction | Labeling | Packaging | Footwear

#	Color	Composition	Construction	Knitting/woven T...	Gauge	Weight	Dyeing
1	...						

OK Cancel

6.2.7 Document List

To view all the marketing documents created of a specific style, right click on the Product Data Management window and click on document list

Product

Doc. Numbering: Manual
 Code: SS001
 Description: Long Sleeve Value Denim
 Foreign Description: Long Sleeve Value Denim
 Status: Production
 Product Line: Men
 Product Group: Shirts
 AF Segmentation: Apparel
 SAP Item Group: Items
 Season: Summer16
 Collection: COLLSUM16
 Sub-Collections: SUBSUM01
 Composition: SHIRT
 Care Instruction Desc:
 Brand: LeeAnn

Designer: Des. Topic
 Division: Men
 Year: 2016
 Owner: manager
 Country of Origin: TST - Test Drop
 Drop: 01/04/16
 Ship Start Date: 30/06/16
 Ship Cancel Date: C0001
 Customer: V0001
 Vendor: Main Warehouse: 00
 Secondary Warehouses: Price List: 01
 Price List: DNR
 Price: 1,400.00

Inventory Item: ☒
 Sales Item: ☒
 Purchased Item: ☒
 Fixed Assets: ☐
 Active: ☒
 Raw Material: ☐
 Embroider: ☐

Scale: Color Variable Workflow Prepicks Design and Concepts PDM Construction Details

Scale: SHIRT

Scale	Size	Size Desc.
SHIRT	S	Small
	M	Medium
	L	Large
	XL	Extra Large
	XXL	2x Large
	XXXL	3x Large

OK Cancel Copy From Duplicate Events and Actions

Context Menu:

- Cut
- Copy
- Paste
- Delete
- Remove
- Open RFQ
- View project
- New project
- List of Users
- Print Tech Pack
- Document List**
- Critical Path Overview
- SKU Code List
- Stock
- Allocation ATP Report
- New Comment
- List Comments
- Cost sheet comparison Report
- Approve
- Stock Info Screen-Model
- Catalog Numbers
- Drops
- View Style Samples
- Style Material Details

Sales Order	Shipment	A/R Invoice	Purchase Order	A/P Invoice	Out Tickets	Purchase Order Quotation
Doc Entry	Doc Number	Date	Delivery Date	Business Partner	Total Quantities	
1	1	C0001 - Brand Factory	24/03/16	31/03/16	77.00	
2	2	C0001 - Brand Factory	30/03/16	31/03/16	744.00	

6.3 Creating and Managing Critical Path activities

In order to create a new project, right click over the style and select 'New Project'.

All critical activities defined in the workflow template, with managers, SAP users and default business partner is loaded automatically. Make the desired changes:

1. Select if the planning is backward or forward
2. If needed, select a holiday calendar. These dates will not be taken as workable days
3. Enter the date (start or end date depending on the planning)

Critical path

Code: 7-JP001-3
 Description: Jeans
 Model Code: JP001
 Model: Jeans
 Workflow: OUT01
☐ Compare Planning

Status: In progress
 Calendar: 2013 Holidays
 Plan: Forward plan
 Date: 15/06/16
 Document Type: SO
 Document: 3

Activities | Document

#	Updated	Workflow	Description	Department	Rol	Manager	Employee	Business Partner	Lead Time(Pl...
1	<input type="checkbox"/>	F0001	Design	Design	Technician	manager	V0001		3.00
2	<input type="checkbox"/>	F0002	Costing	General	Purchasing	Tapo	V0001		4.00
3	<input type="checkbox"/>	F0003	Sourcing	General	Purchasing	Tapo	V0001		30.00
4	<input type="checkbox"/>	F0004	Logistics	General	Purchasing	Tapo	V0001		15.00

OK Cancel Calculate

Click Add. A new Project is created for the style. Although no activities are assigned yet, you can check the date in the Grant view. Right click on the project
 → Diagram → View Diagram

Critical path

Code: 7-JP001-3
 Description: Jeans
 Model Code: JP001
 Model: Jeans
 Workflow: OUT01
☐ Compare Planning

Status: In progress
 Calendar: 2013 Holidays
 Plan: Forward plan
 Date: 15/06/16
 Document Type: SO
 Document: 3

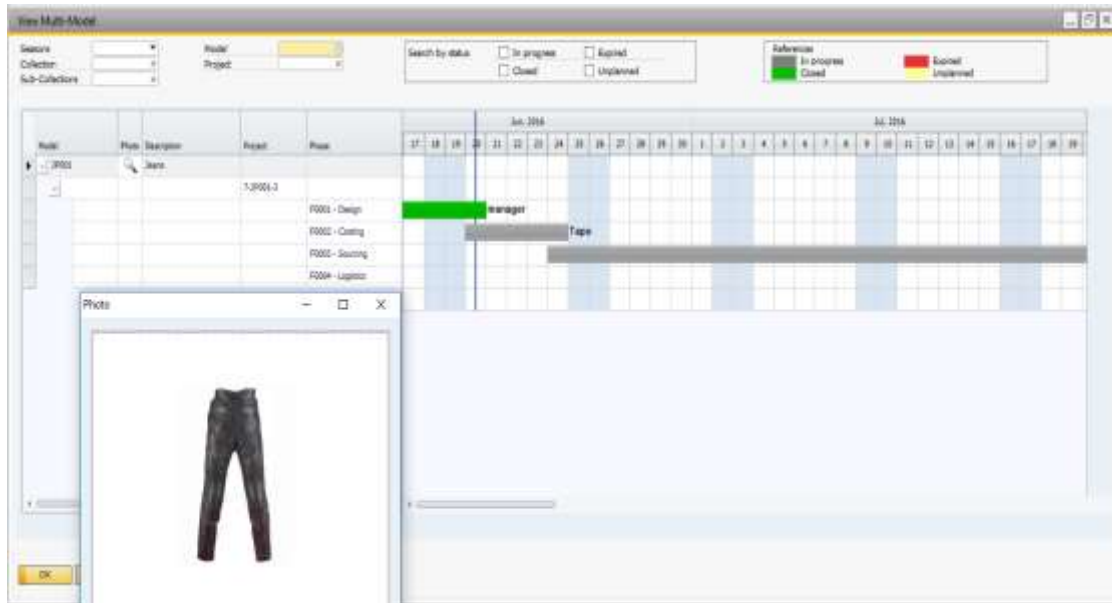
Activities | Document

#	Updated	Workflow	Description	Department	Rol	Manager	Employee	Business Partner	Lead Time(Pl...
1	<input type="checkbox"/>	F0001	Design	Design	Technician	manager	V0001		3.00
2	<input type="checkbox"/>	F0002	Costing	General	Purchasing	Tapo	V0001		4.00
3	<input type="checkbox"/>	F0003	Sourcing	General	Purchasing	Tapo	V0001		30.00
4	<input type="checkbox"/>	F0004	Logistics	General	Purchasing	Tapo	V0001		15.00

OK Cancel Calculate

Context menu:

- Cut
- Copy
- Paste
- Delete
- Remove
- View Diagram**
- View History
- View Time and Action Calendar



Assigning Activities to Users

Once the planning takes place, employee and users are assigned you can create all activities by selecting option → create activities

Activity

Activity: Task Number: 9
 Type: General BP Code: V0001 Vendor
 Subject: BP Name: Morocco Factory
 Assigned To: User: manager Contact Person:
 Assigned By: manager Telephone No.:
☐ Personal

General | Content | Linked Document | Attachments | Critical Path



Remarks: JP001 - Design
 Start Time: 15/06/16 18:30 Priority: Normal
 End Time: 20/06/16 18:30 Meeting Location:
 Duration: 5 Days
 Status: Completed
 Recurrence: None

Controlling Activities

There are two options to track your critical path activities. Go to Controlling → Critical Path Overview.

Click on the “Filter Search” option. This will display all CPs. Select a filter at the top if needed (season, collection, sub-collection etc).

From there, you can view a specific activity by selecting it and pressing the “View Activity” button, and check if it has attachments or linked documents for example.

Critical Path Overview					
Season: <input type="text"/>	Model: <input type="text"/>	Customer: <input type="text"/>	References: <input type="text"/>		
Collection: <input type="text"/>	Project: <input type="text"/>	Vendor: <input type="text"/>	In process: <input type="text"/>		
Sub-Collections: <input type="text"/>	CP Status: <input type="text"/>		Closed: <input type="text"/>		
Model	Photo	Document	F0001 - Design	F0002 - Costing	F0003 - S
Model: JF001 - Jeans Project Code: 7-JF001-2 Project Name: JF001 Season: SPR02 Spring 02 Collection: COL01P01G18 Sub-Collection: SUB01P0001 Group: P001		Document: 3 Document type: S9-Sales Order Customer: C0002 Cust. Reference: Total Qty: 4.000000 Total Price: Status: Closed Posting Date: Delivery Date:	Description of the phase: Design Assigned to: manager Activity Code: 5 Description: JF001 - Design Code of the BP: Vendor Start time: 20/05/16 End time: 20/05/16 Start planned time: 20/05/16 End planned time: 20/05/16 Document type: -1 Document SAP: Closed: Y Closed Date: 20/05/16 Status: Completed End time: 20/05-05-16	Description of the phase: Costing Assigned to: Taps Activity Code: 7 Description: JF001 - Costing Code of the BP: Vendor Start time: 20/05/16 End time: 20/05/16 Start planned time: 20/05/16 End planned time: 20/05/16 Document type: -1 Document SAP: Closed: N Closed Date: Status: Not Started End time: 20/05-07-12	Description of the phase: S Assigned to: Taps Activity Code: 7 Description: JF001 - Source Code of the BP: Vendor Start time: 20/05/16 End time: 20/05/16 Start planned time: 20/05/16 End planned time: 20/05/16 Document type: -1 Document SAP: Closed: N Closed Date: Status: Not Started End time: 20/05-07-12
Model	Photo	Document	F0001 - Design	F0002 - Costing	F0003 - S
Model: JF001 - Jeans Project Code: 7-JF001-2 Project Name: JF001 Season: SPR02 Spring 02 Collection: COL01P01G18 Sub-Collection: SUB01P0001 Group: P001		Document: 3 Document type: S9-Sales Order Customer: C0002 - Pantaloons Cust. Reference: Total Qty: 32.000000 Total Price: 82048.000000048 Status: Open Posting Date: 20/05-06-12 Delivery Date: 20/05-06-12	Description of the phase: Design Assigned to: manager Activity Code: 5 Description: JF001 - Design Code of the BP: Vendor Start time: 20/05/16 End time: 20/05/16 Start planned time: 20/05/16 End planned time: 20/05/16 Document type: -1 Document SAP:	Description of the phase: Costing Assigned to: Taps Activity Code: 11 Description: JF001 - Costing Code of the BP: Vendor Start time: 20/05/16 End time: 20/05/16 Start planned time: 20/05/16 End planned time: 20/05/16 Document type: -1 Document SAP:	Description of the phase: S Assigned to: Taps Activity Code: 11 Description: JF001 - Source Code of the BP: Vendor Start time: 20/05/16 End time: 20/05/16 Start planned time: 20/05/16 End planned time: 20/05/16 Document type: -1 Document SAP:

7 Managing Items in SAP Business One

Apparel and Footwear allows users to work in early stages of design. To select all styles and their attributes (size – color - etc) in the Sales, Purchase, inventory and production module, you should generate the data in SAP and then manage them inside the PDM module in case something needs to be updated (such as color availability). To manage the style and its attributes in SAP, select "Generate Master Data" which will open the Apparel & Footwear Item Master Data.

Item Master Apparel And Footwear														
Description: T-Shirt Foreign Description: Item Type: Item * Product Line: MEN Item Group: Item Unit Group: Manual Price List: Price List 01 Currency: Indian Rupee * Unit Price: 5,000										<input checked="" type="checkbox"/> Inventory Item <input checked="" type="checkbox"/> Sales Item <input checked="" type="checkbox"/> Purchased Item <input type="checkbox"/> Fixed Asset				
#	Update	Update Price	Created	Apparel Group	Product	Color	Size	Variable	Item Code	SPC Code	Description	Foreign Description	UoM	Style Group
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes	1	TSHIRT	BLU	SHIRT	S	TSHIRT-BLU-S	2676000014	T-Shirt Blue Short Small		Y	TSHIRT
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes	1	TSHIRT	BLU	SHIRT	M	TSHIRT-BLU-M	2676000015	T-Shirt Blue Short Medium		Y	TSHIRT
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes	1	TSHIRT	BLU	SHIRT	L	TSHIRT-BLU-L	2676000016	T-Shirt Blue Short Large		Y	TSHIRT
4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes	1	TSHIRT	BLU	SHIRT	XL	TSHIRT-BLU-XL	2676000017	T-Shirt Blue Short Extra Large		Y	TSHIRT
5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes	1	TSHIRT	BLU	SHIRT	XXL	TSHIRT-BLU-XXL	2676000018	T-Shirt Blue Short 2x Large		Y	TSHIRT
6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes	1	TSHIRT	BLU	SHIRT	XXXL	TSHIRT-BLU-XXXL	2676000019	T-Shirt Blue Short 3x Large		Y	TSHIRT
7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes	1	TSHIRT	GRN	SHIRT	S	TSHIRT-GRN-S	2676000020	T-Shirt Green Short Small		Y	TSHIRT
8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes	1	TSHIRT	GRN	SHIRT	M	TSHIRT-GRN-M	2676000021	T-Shirt Green Short Medium		Y	TSHIRT
9	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes	1	TSHIRT	GRN	SHIRT	L	TSHIRT-GRN-L	2676000022	T-Shirt Green Short Large		Y	TSHIRT
10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes	1	TSHIRT	GRN	SHIRT	XL	TSHIRT-GRN-XL	2676000023	T-Shirt Green Short Extra Large		Y	TSHIRT
11	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes	1	TSHIRT	GRN	SHIRT	XXL	TSHIRT-GRN-XXL	2676000024	T-Shirt Green Short 2x Large		Y	TSHIRT
12	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes	1	TSHIRT	GRN	SHIRT	XXXL	TSHIRT-GRN-XXXL	2676000025	T-Shirt Green Short 3x Large		Y	TSHIRT
13	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes	1	TSHIRT	PNK	SHIRT	S	TSHIRT-PNK-S	2676000026	T-Shirt Pink Short Small		Y	TSHIRT
14	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes	1	TSHIRT	PNK	SHIRT	M	TSHIRT-PNK-M	2676000027	T-Shirt Pink Short Medium		Y	TSHIRT
15	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes	1	TSHIRT	PNK	SHIRT	L	TSHIRT-PNK-L	2676000028	T-Shirt Pink Short Large		Y	TSHIRT

From this form you can manage all data, access stock information and parameterize the styles in SAP. It contains standard information as well as User Defined fields. You can also create UPC codes in Batch mode for all SKUs.

7.1 Marketing Documents – Selection Matrix

Once items are managed and updated in the Apparel and Footwear item master data, the user can use the selection matrix in all SAP Business One Documents like Purchase or Sales orders.

The matrix selection includes the following features:

7.1.1 Color – Size Selection

Apparel and Footwear to select products and their attributes quickly through the screening matrix

To load items to a document of SAP Business One:

1. Open a Purchase or Sales order
2. Press the “Add Apparel & Footwear Items” button
3. Select the Product Segmentation group (eg, Finished Goods) – Optional
4. Select the style
5. The matrix automatically shows available colors and sizes.
6. Enter the requested quantities.
7. Select the “Add Content” button

Select Items

BP: C0001
Apparel Group: Apparel
Model: T0001
T-Shirt
Size Equip:
Color: SHORT
Scale:
Size Run Scale:
Prepack:
Prepack Qty: 0.00
Use quantity in Size Run: ☐

Store: Factory
Requested delivery date:
Warehouse: 01
Split Document: ☐
Item:
Factory

Store	Color	Color Description	Total Qty	Size Run	S	M	L	XL	XXL	XXXL	Total
Factory	BLU	Blue	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GRN	Green	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PNK	Pink	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	RED	Red	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00

Add Content

Items Models Prepacks

In Stock: 0.00
Ordered: 0.00
Committed: 0.00
Available: 0.00

Discount: 0.00
BP Catalog: 0.00
ATP Quantity: 0.00

Ship date:
Planned delivery date:
Calculate ATP View ATP View ATP overall details

7.1.2 Apparel Matrix. Real Time Stock Access level

As you enter the quantities in the matrix, the user may verify the stock in the store selected in the matrix. If you need to access inventory movements in the future, you can use the module or ATP (Available to Promise)

7.1.3 Available to Promise (ATP)

The module Available to Promise is designed for businesses that need an efficient way to calculate the quantities available and delivery dates of the items ordered to comply with the dates requested by the client on the basis of future product availability inventory. This functionality provides users with more precise information on the quantities available and planned delivery dates, while raising a sales order.

7.1.4 Setting Up the ATP Module

- Handling Time: The time of collection, packaging and shipment in the warehouse (Warehouse setup)
- Delivery: Delivery time in days for the type of shipping selected customer type (Shipping types setup)

ATP Information

- Quantity ATP: The amount that can be pledged at the requested delivery date
- Start date of shipment: It is the sum of the first available date and time manipulation.
- Date of delivery: Date is the sum of shipping and shipping time.
- Date of transaction: The ATP engine calculates the amount of ATP for each day that a transaction occurs in the system. The amount of ATP that date will also be the ATP qty for all days of the date of the next transaction, i.e. emission or reception.
- TRANS OUT: Sales Orders, manufacturing orders (if part of the list of materials) will be only outflow of inventory transactions covered by the ATP module.
- TRANS IN: open purchase orders and production orders (released) will be the only significant income transactions by the ATP module.

7.1.5 Style ATP Screen Report

Now the user can quickly review the style ATP information by color – size

The report calculates the projected quantity available for an item in a business unit on a given date, enabling you to promise orders against future supply

Available to Promise (ATP)

Style: PT1998
Warehouse: General Warehouse

Color	Document	Customer/Vendor	S	M	L	XL	Document Date	Delivery Date
2001 - Heavy Blue	In Stock		0.00	0.00	0.00	0.00		
	SO 33	C9901 Walmart USA	-100.00	-100.00	-100.00	-100.00	10/03/16	12/20/16
	POR 155	C9901 Walmart USA	100.00	0.00	0.00	0.00	10/03/16	12/20/16
	POR 156	C9901 Walmart USA	0.00	100.00	0.00	0.00	10/03/16	12/20/16
	POR 157	C9901 Walmart USA	0.00	0.00	100.00	0.00	10/03/16	12/20/16
	POR 158	C9901 Walmart USA	0.00	0.00	0.00	100.00	10/03/16	12/20/16
	Total		0.00	0.00	0.00	0.00		
1000 - White	In Stock		100.00	1,000.00	100.00	100.00		
	SO 33	C9901 Walmart USA	-100.00	-100.00	-100.00	-100.00	10/03/16	12/20/16
	POR 151	C9901 Walmart USA	100.00	0.00	0.00	0.00	10/03/16	12/20/16
	POR 152	C9901 Walmart USA	0.00	100.00	0.00	0.00	10/03/16	12/20/16
	POR 153	C9901 Walmart USA	0.00	0.00	100.00	0.00	10/03/16	12/20/16
	POR 154	C9901 Walmart USA	0.00	0.00	0.00	100.00	10/03/16	12/20/16
	Total		100.00	1,800.00	100.00	100.00		

8 Apparel & Footwear – Shipment and Container Management Solution

Please refer Container management document.