

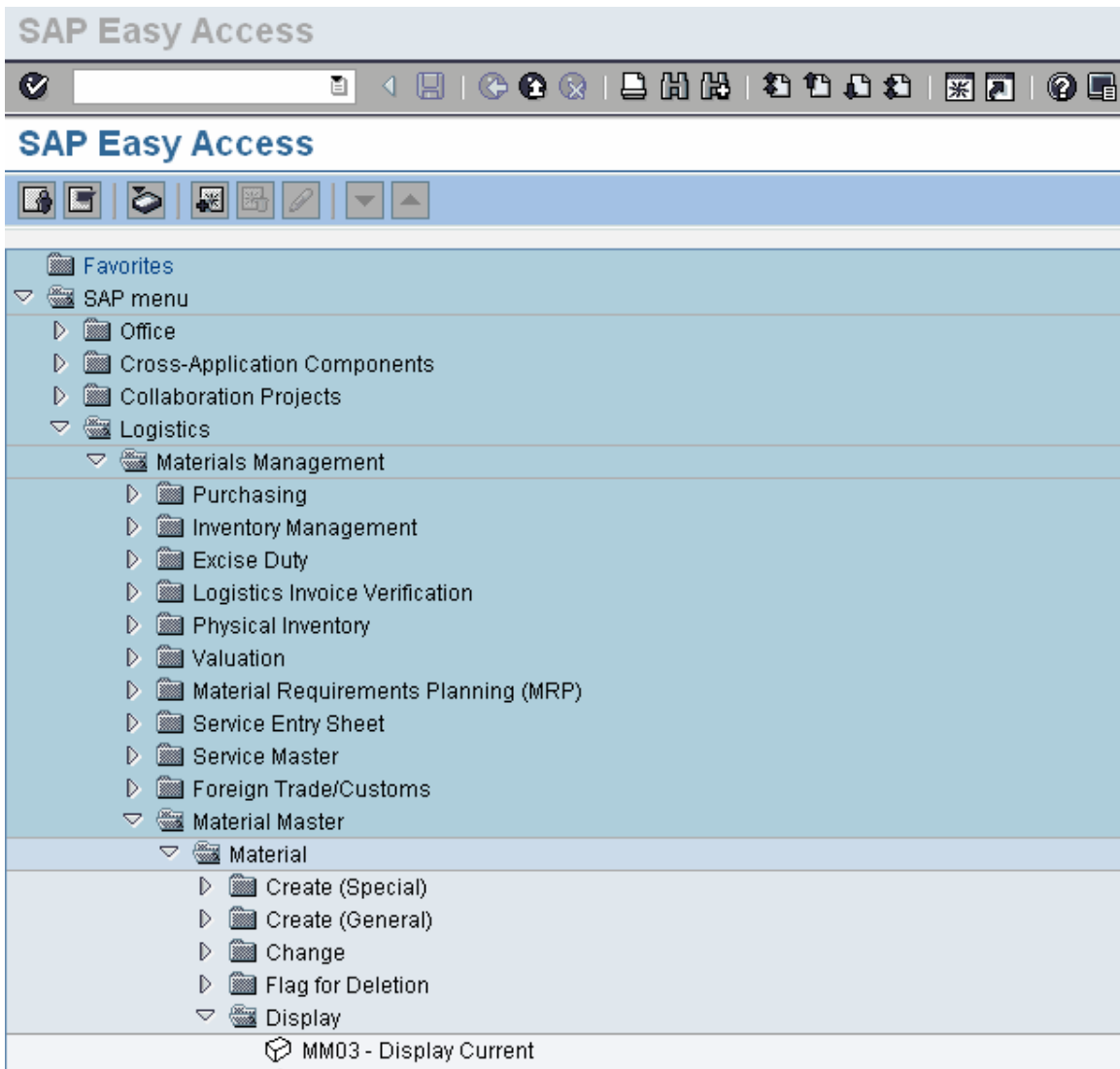
# Availability Check User Guide

This user guide shows how availability check is used in Sales & Distribution processing

## A. Material Master Maintenance

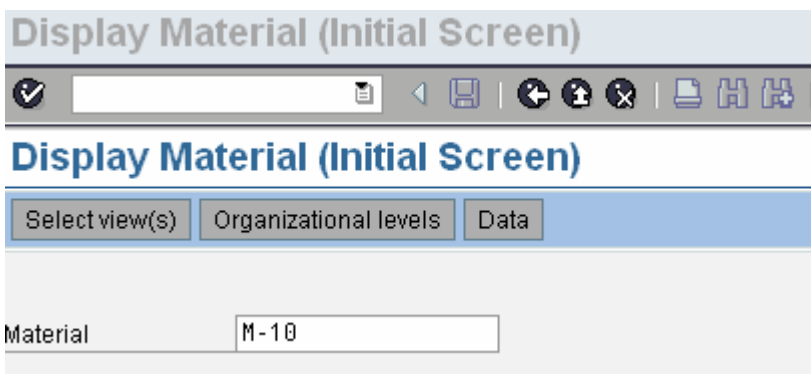
Material master record needs to be checked for correct checking group.

Menu Path: Logistics → Materials Management → Material Master → Material → Display → MM03 – Display Current



Click 

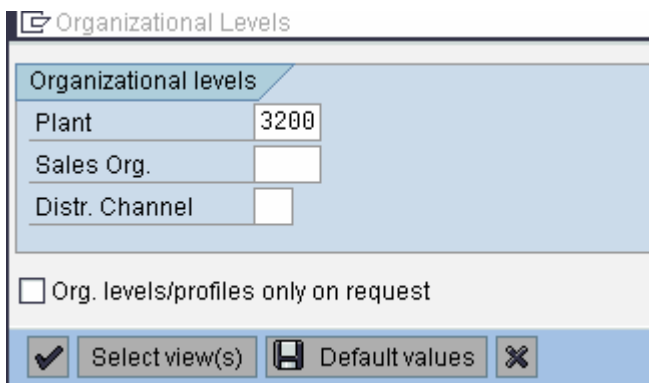
Enter Material 'M-10' and click 



Select **Sales: General/Plant Data** in the pop-up and click



Enter Plant '3200' in pop-up and click



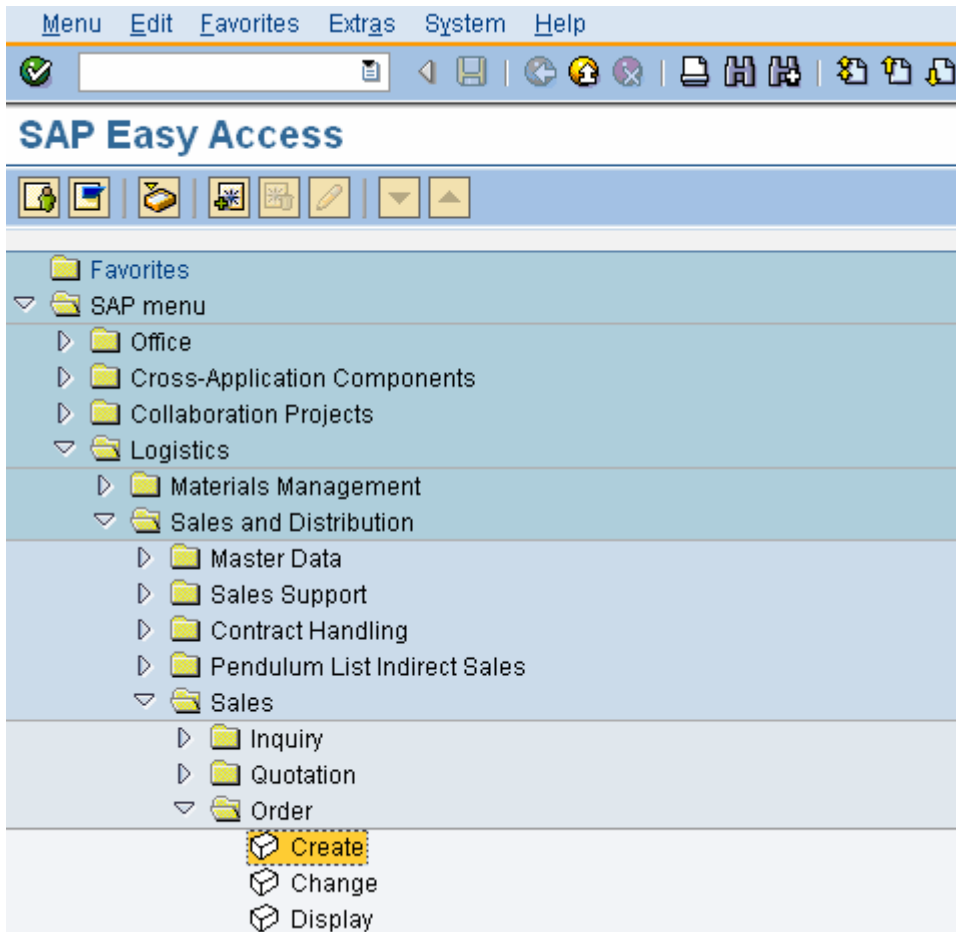
The Checking group '02' is visible in this view.

The screenshot displays the SAP 'Display Material M-10 (Trading goods)' interface. The 'Availability check' field is highlighted with a black arrow pointing to the value '02'. The interface includes a title bar, a toolbar, and several tabs: 'Sales: sales.org. 2', 'Sales: general/plant', 'Foreign trade export', and 'Sales text'. The main data area shows the material name 'Flatscreen MS 1775P' and plant 'Atlanta'. The 'General data' section contains fields for 'Base Unit of Measure' (PC), 'Gross weight' (20.50 KG), 'Net weight' (20.50), and 'Availability check' (02). The 'Shipping data (times in days)' section includes fields for 'Trans. grp' (0001), 'On palettes', 'LoadingGrp' (0001), 'Crane', 'Setup time' (0.00), 'Proc. time' (0.00), and 'Base qty' (0 PC).


## B. Availability Check in Sales order creation

We will see availability check overview in sales order creation now

Menu Path: Logistics → Sales and Distribution → Sales → Order → Create



Double click 'Create'


Enter Order type, Sales Organization, Distribution Channel & Division and click 

### Create Sales Order: Initial Screen

Order Type  Standard Order

**Organizational data**

Sales Organization	<input type="text" value="3020"/>	USA Denver
Distribution Channel	<input type="text" value="10"/>	Final customer sales
Division	<input type="text" value="00"/>	Cross-division
Sales Office	<input type="text"/>	
Sales Group	<input type="text"/>	

Enter Sold-to party or Ship-to party and press enter or click 

### Create Standard Order: Overview

Standard Order  Net value  USD


Sold-to party  Brighton Inc / 225 SYCAMORE ROAD / VESTAL NY 13850

Ship-to party  Brighton Inc / 225 SYCAMORE ROAD / VESTAL NY 13850

PO Number  PO date

**Sales** | Item overview | Item detail | Ordering party | Procurement | Shipping | Reason for rejection

Req. deliv.date	<input type="text" value="D 06.12.2006"/>	Deliver.Plant	<input type="text"/>
<input type="checkbox"/> Complete delv.		Total Weight	<input type="text" value="0.000"/>
Delivery block	<input type="text"/>	Volume	<input type="text" value="0.000"/>
Billing block	<input type="text"/>	Pricing date	<input type="text" value="06.12.2006"/>
Payment card	<input type="text"/>	Exp.date	<input type="text"/>
Payment terms	<input type="text" value="ZB01 14 Days 3%, 30/2..."/>	Incoterms	<input type="text" value="FOB From the Plant"/>
Order reason	<input type="text"/>		
Sales area	<input type="text" value="3020 / 10 / 00"/> USA Denver, Final customer sales, Cross-division		

Enter Material no and Order quantity and press enter or click 

Standard Order  Net value 3,335.00 USD

Sold-to party 300713 Brighton Inc / 225 SYCAMORE ROAD / VESTAL NY 13850

Ship-to party 300713 Brighton Inc / 225 SYCAMORE ROAD / VESTAL NY 13850

PO Number Availability check PO date

Sales Item overview Item detail Ordering party Procurement Shipping Reason for rejection

Req. deliv.date D 06.12.2006 Deliver.Plant

Complete div. Total Weight 102.50 KG

Delivery block  Volume 0.000

Billing block  Pricing date 06.12.2006

Payment card  Exp.date

Payment terms ZB01 14 Days 3%, 30/2... Incoterms FOB From the Plant


Order reason

Sales area 3020 / 10 / 00 USA Denver, Final customer sales, Cross-division

All Items


Item	Material	Order quantity	SU	Description	S	Customer Material Numb	ItCa	DG...	HgLvt	C	First date	PInt
	10M-10		5PC	Flatscreen MS 1775P	<input checked="" type="checkbox"/>		TAN			D	06.12.2006	3200

Availability check has been carried out on this item. To carry out availability again use the Menu

Edit → Check Availability or click on icon  in the bottom screen

All Items

Item	Material	Order quantity	SU	Description	S	Customer Material Numb	ItCa	DG...	HgLvt	C	First date	PInt	Batch
	10M-10		5PC	Flatscreen MS 1775P	<input checked="" type="checkbox"/>		TAN			D	06.12.2006	3200	
					<input type="checkbox"/>					D	06.12.2006		
					<input type="checkbox"/>					D	06.12.2006		
					<input type="checkbox"/>					D	06.12.2006		
					<input type="checkbox"/>					D	06.12.2006		



Following screen is displayed

Standard Order: Availability Control

Standard Order: Availability Control

Complete delv. | Delivery proposal | Continue | ATP quantities | Scope of check | Other plants

Item: 10 | Sched.line: 1

Material: M-10  
Flatscreen MS 1775P

Plant: 3200

Req.deliv.date: 06.12.2006 | Open Quantity: 5 PC

Fix qty/date | Max.Part.Deliveries: 9

One-time del. on req. del. dte : not possible

Dely/Conf.Date: 06.12.2006 / 06.12.2006 | Confirmed quantity: 0

Complete delivery

Dely/Conf.Date: 08.12.2006 / 06.12.2006

Dely proposal

Dely/Conf.Date		Confirmed qty	
08.12.2006	/ 06.12.2006	5	<input checked="" type="checkbox"/>

Here based on availability the system proposes the confirmation date as 08.12.2006 although required delivery date is 06.12.2006.

The scope of check can be seen in this screen by clicking on

Scope of check

The scope of check for availability gets displayed.



Display Scope of Check

Availability check: 02 Individual reqmt  
 Checking rule: A SD order

Stock overview	In/outward movements
<input type="checkbox"/> Include safety stock	<input checked="" type="checkbox"/> Incl.purchase orders
<input type="checkbox"/> Incl.stock in transfer	<input checked="" type="checkbox"/> Incl. purch.requisitions
<input type="checkbox"/> Incl.quality insp. stock	<input type="checkbox"/> Incl. dependent reqs
<input type="checkbox"/> Include blocked stock	<input checked="" type="checkbox"/> Include reservations
<input type="checkbox"/> Include restricted-use stock	<input checked="" type="checkbox"/> Include sales reqmts
<input type="checkbox"/> W/o subcontracting	<input checked="" type="checkbox"/> Include deliveries
	<input type="checkbox"/> Incl.ship.notificat.
	Incl.depen.reservat. <input type="checkbox"/> Do not check
	Incl.rel.order reqs <input type="checkbox"/> Do not check
	Incl. planned orders <input checked="" type="checkbox"/> Check all planned...
	Incl. production orders <input checked="" type="checkbox"/> Take all productio...
Replenishment lead time	Receipts in the past
<input checked="" type="checkbox"/> Check without RLT	Include receipts from past and future
Storage location inspection	
<input type="checkbox"/> No storage location inspection	

To View the ATP quantities in Availability overview click on

ATP quantities

The screen would give the cumulative receipts and issues and the available stock situation for the material in the plant.

The Checking Group and Checking rule used for availability is also displayed.

Availability Overview

Availability Overview

Stock Stock Totals records Totals records Scope of check

Material M-10  
Flatscreen MS 1775P

Plant 3200 Avail. check 02 Check.rule A

MRP area 3200  With reqmts qys

Base Unit PC

Totals display

Receipts 573


Issues 611 Confmrd issues 313


ATP situation

Date	MRP ...	MRP element data	Rec./reqd qty	Confirmed	Cum. ATP qty
06.12.2006	Stock			369	114
12.05.2003	Order	Totals record		68-	114
11.06.2003	Order	Totals record		68-	114
17.11.2003	Deliv.	Totals record		68-	114
01.12.2003	Order	Totals record		60-	114
10.12.2003	Order	Totals record		17-	114
13.01.2004	Order	Totals record		17-	114
11.02.2004	Order	Totals record		17-	114
03.03.2004	PchOrd	Totals record		51	114
10.03.2004	Order	Totals record		17-	114
12.04.2004	Order	Totals record		17-	114

Current page / Total: 1 / 3

Click on icon 

Next click on  in original screen to go back to Order.

Message  Availability check was carried out displayed at bottom of screen.

Click on  to save order.

Availability check is carried out in similar way for other items