

# Quick View Insider: What You Can Do with Split Profiles



## Applies to:

SAP SNC (Supply Network Collaboration) release 7.0 enhancement pack 1. SAP SNC release 7.0

For more information, visit the [Supply Chain Management homepage](#).

## Summary

This article provides an in-depth explanation to split profiles. To illustrate the practical application, it contains a Q&A-section with these questions:

- Why is there no sum in column "All"?
- Can I change "< 48 Hours" to "< 3 Days"?
- Can I change "Due in 7 Days" to "Due in 3 Days"?
- Can I change the way quick view navigates?
- How do I get rid of a split profile?

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## Author Bio



I have been part of the SNC development team in Palo Alto since 2004. Overall I have been a developer at SAP in Germany, Japan, and California since 1997 and at Software AG in Germany since 1989. I hold a masters degree in industrial engineering and computer science.

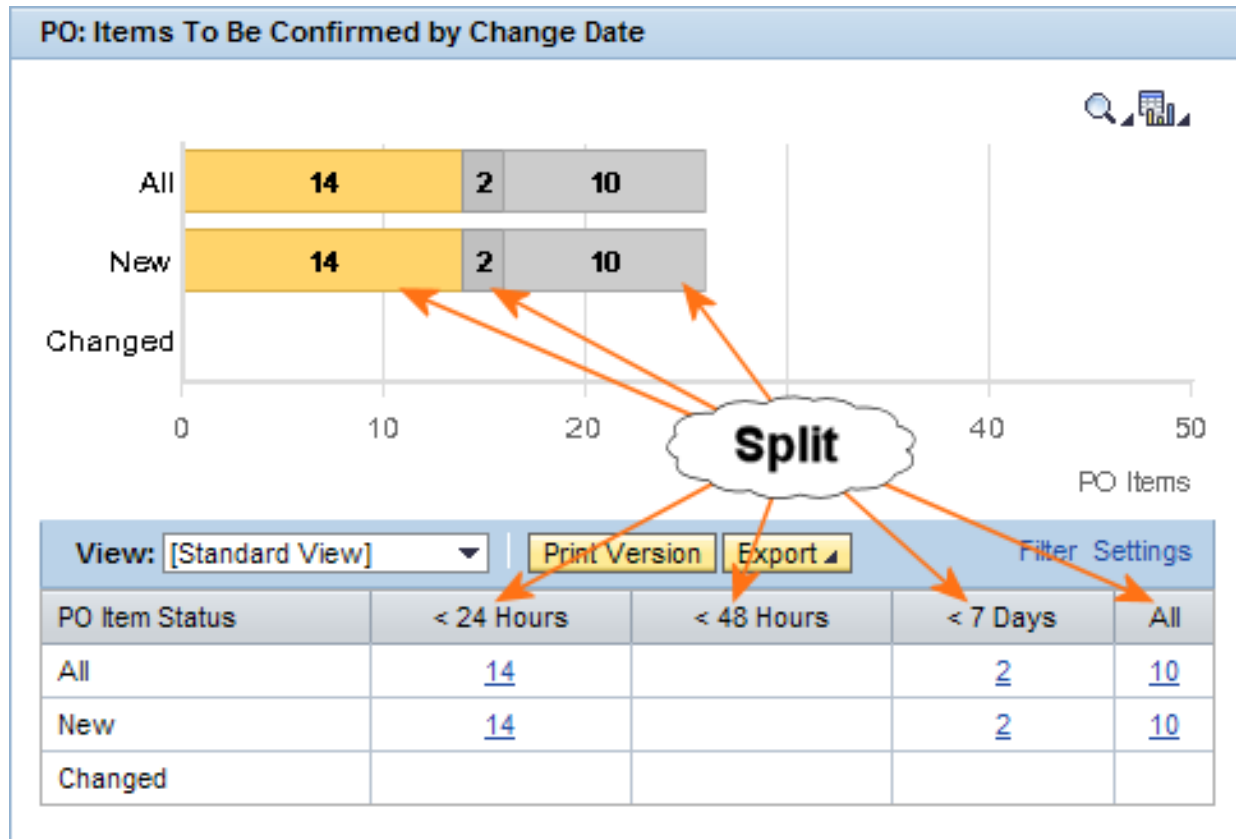
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## Split Profile Basics

Most of the building blocks in quick view split their data according to a certain criterion, usually a date or a time stamp. (The building block in the screenshot below shows PO items split by change date as indicated in the building block's title *PO: Items To Be Confirmed by Change Date*).

For a regular building block, this split looks like this (screen shot from SNC 7.01):



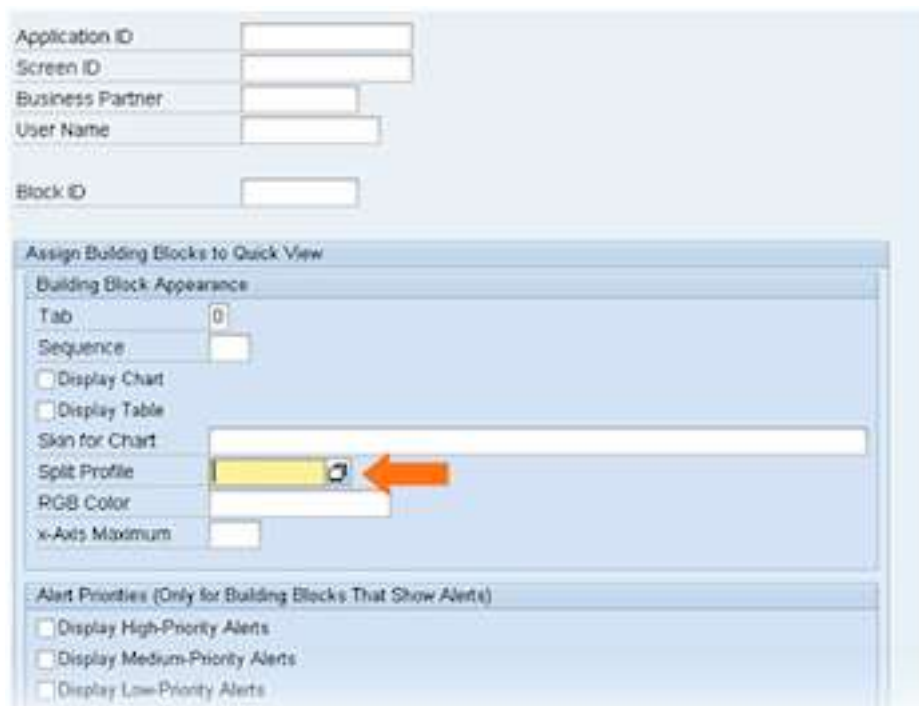
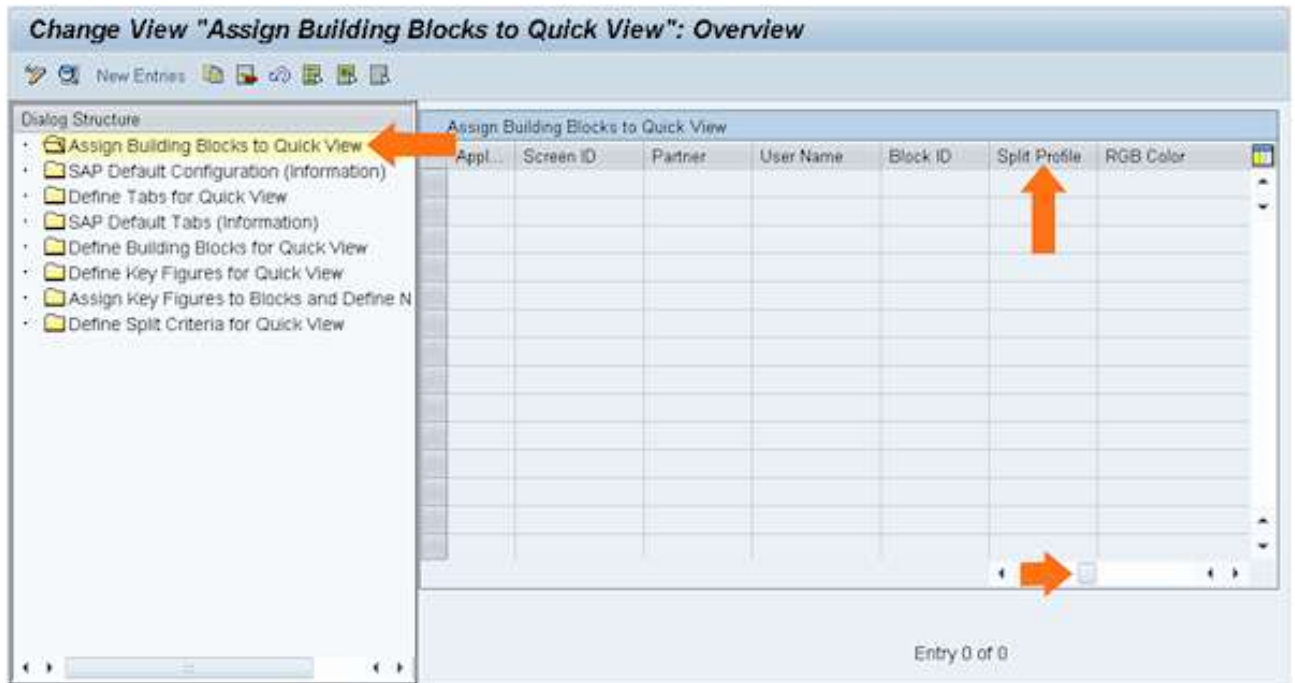
As you can see, the “split” turns into sections of bars for the graphical representation and into columns for the tabular display.

How the system splits the data is determined by a configuration object we call **split profile**. SAP delivers all split profiles used by default in the building blocks plus a sample split profile for quality notification priorities.

## Split Profile Configuration

In the quick view configuration you come across split profiles in three different places (the screen shots below are all taken from SNC 7.01):

1. You use an existing split profile (your own, SAP delivered, or NONE) in the view *Assign Building Block to Quick View*:



Anything you configure here overwrites the SAP-delivered configuration. If you maintain a split profile at this level, it overwrites the split profile specified in the building block definition. If you leave the split profile empty at this level, the system will use the split profile from the building block. If an SAP-

delivered building block comes with a split, but you don't want the system to split, enter **NONE** to overwrite it with no split profile (SNC 7.01 only).

- The default split profile for a building block is maintained in *Define Building Blocks for Quick View*:

Block ID	Split Profile	WebDynpro Component	Feeder Class
P02BC0NFC	P0_2448MA	/SCF/WD_MYS_BOX	/SCF/CL_MYSFEEDEF
P02BC0NFS	P0_2448MA	/SCF/WD_MYS_BOX	/SCF/CL_MYSFEEDEF
P0APPROVEC	P0_24M3M	/SCF/WD_MYS_BOX	/SCF/CL_MYSFEEDEF
P0APPROVES	P0_24M3M	/SCF/WD_MYS_BOX	/SCF/CL_MYSFEEDEF
P0CANCREJC	P0_24M3M	/SCF/WD_MYS_BOX	/SCF/CL_MYSFEEDEF
P0CANCREJS	P0_24M3M	/SCF/WD_MYS_BOX	/SCF/CL_MYSFEEDEF
P0DUEC	DUELIST	/SCF/WD_MYS_DUEBOX	/SCF/CL_MYSDFEEDEF
P0DUES	DUELIST	/SCF/WD_MYS_DUEBOX	/SCF/CL_MYSDFEEDEF
P0EXCPTNAC		/SCF/WD_MYS_BOX	/SCF/CL_MYSFEEDEF
P0EXCPTNAS		/SCF/WD_MYS_BOX	/SCF/CL_MYSFEEDEF
P0EXCPTNCC		/SCF/WD_MYS_BOX	/SCF/CL_MYSFEEDEF
P0EXCPTNCS		/SCF/WD_MYS_BOX	/SCF/CL_MYSFEEDEF

Position... Entry 50 of 75

Block ID: P02BC0NFS

Define Building Blocks for Quick View

Texts

Block Header	PO: Items To Be Confirmed by Change Date
Default Header	PO: Items To Be Confirmed by Change Date
Block Tooltip	Purchase Order: Items To Be Confirmed by Change Date
Default Tooltip	Purchase Order: Items To Be Confirmed by Change Date
Key Figure Hdr	PO Item Status
Default kF Hdr	PO Item Status
Count Header	PO Items
Def. Count Hdr	PO Items
x-Axis Label	PO Items
Default Label	PO Items

Split Profile

Split Profile: P0\_2448MA

Implementation

WebDynpro Comp.	/SCF/WD_MYS_BOX
Feeder Class	/SCF/CL_MYSFEEDER
Access Class	/SCA/CL_MYSACCESS_POCONF

3. To use a split profile in 1 or 2, it has to be defined:

**Change View "Define Split Criteria for Quick View": Overview**

Dialog Structure

- Assign Building Blocks to Quick View
- SAP Default Configuration (Information)
- Define Tabs for Quick View
- SAP Default Tabs (Information)
- Define Building Blocks for Quick View
- Define Key Figures for Quick View
- Assign Key Figures to Blocks and Define N
- Define Split Criteria for Quick View**

Split Profile	Split Type	Navigation	Limit	Description
ALERT	HP Past Hours (f)	L Selected Segment and Segments	24	< 24 Hours
ASN	HF Future Hours	L Selected Segment and Segments		Past Due
DUELIST	HF Future Hours	S Only Selected Segment		Past Due
HF02448WAL	HF Future Hours			Past Due
HF00300900	HF Future Hours			Past Due
HP241W1M3M	HP Past Hours (f)		24	< 24 Hours
HP2448WKAL	HP Past Hours (f)		24	< 24 Hours
HP703D	HP Past Hours (f)		168	More Than
INVOICE	HF Future Hours	L Selected Segment and Segments		Past Due
IV_DUE_DLV	HF Future Hours	S Only Selected Segment		Past Delive
IV_DUE_SHP	HF Future Hours	S Only Selected Segment		Past Shippi
NONE	DC Decision			

Position... Entry 1 of 20

Split Profile: HP\_24h

Define Split Criteria for Quick View

Split Type: HP Past Hours (Relative to Now)

Navigation: L Selected Segment and Segments to the Left

First Key Figure Segment

Limit: 24

Description: < 24 hours

Default Descr: < 24 hours

Tooltip: Purchase order items changed less than 24 hours ago

Default Tooltip: Purchase order items changed less than 24 hours ago

RGB Color:

Second Key Figure Segment

Limit: 48

Description: < 48 hours

Default Descr: < 48 hours

Tooltip: Purchase order items changed less than 48 hours ago

Default Tooltip: Purchase order items changed less than 48 hours ago

RGB Color:

Third Key Figure Segment

Limit: 168

Description: < 7 days

Default Descr: < 7 days

Tooltip: Purchase order items changed less than 7 days ago

Default Tooltip: Purchase order items changed less than 7 days ago

RGB Color:

Fourth Key Figure Segment

Limit: 0? 600

Description: All

Default Descr: All

Tooltip: All purchase order items

Default Tooltip: All purchase order items

RGB Color:

Fifth Key Figure Segment

Limit:

Description:

Default Descr:

Tooltip:

Default Tooltip:

RGB Color:

Administration Data

Created By: SAP

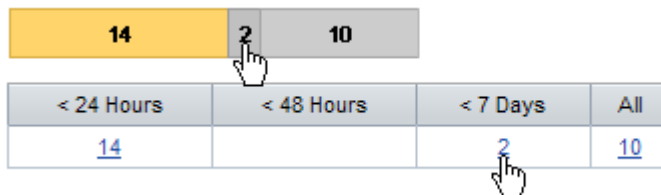
Created On:

Changed By:

Changed On:

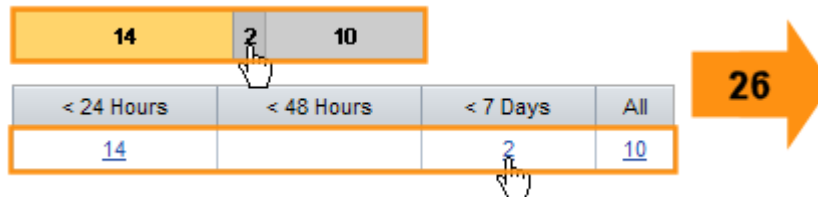
A split profile consists of

- A short **ID** which is subject to name-space: X\*, Y\*, Z\* are reserved for you.
- **The split type:**
  - Past Hours (Relative to Now)  
For creation or change time stamps  
The figures in the limits are interpreted as hours and subtracted from “now”, then compared to the split criterion
  - Future Hours (Relative to Now)  
For due dates, shipping time stamps, delivery time stamps etc.  
The figures in the limits are interpreted as hours and added to “now”, then compared to the split criterion
  - Decision  
The meaning of the limits has to be interpreted by the code (e.g. as priorities for quality notifications)
- **Navigation (SNC 7.01 only):**  
Assume the user clicks on the number **2** in the bar or in the table:

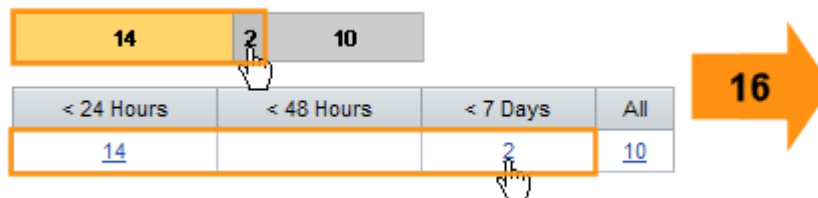


Depending on this setting, the system navigates with the contents of the following segments / table cells:

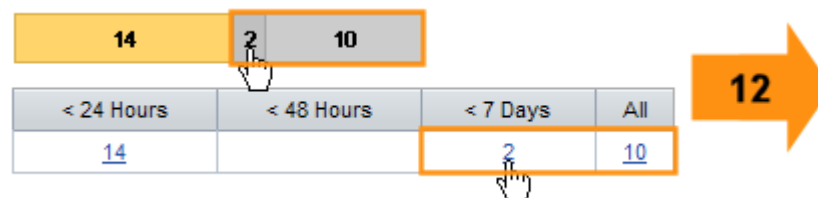
- All Segments in Bar



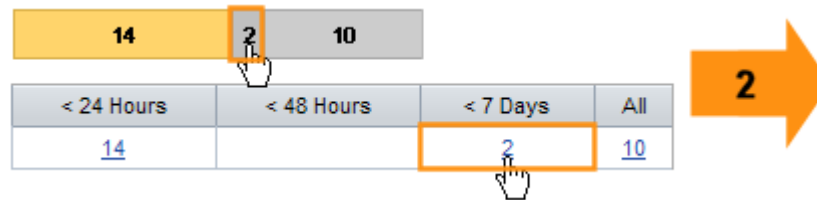
- Selected Segment and Segments to the Left  
This is the setting for most delivered split profiles:



- Selected Segment and Segments to the Right



- Only Selected Segment



- **5 key figure segments**, each with:
  - A numeric limit interpreted depending on the split type
  - A description: The language-dependent text that appears in the column header (SNC 7.0 and 7.01) for the table view and the segment tooltip for the graph (SNC 7.0)
  - A default description: Used as description, if no description could be found in the user's language
  - A tooltip (SNC 7.01 only): The language-dependent text that appears as the tooltip for split segments in the graph and column headers in the table
  - A default tooltip (SNC 7.01 only): Used if no tooltip could be found in the user's language.
  - RGB color (SNC 7.01 only): See article *How Can I Change Colors in Quick View?*

SAP delivers all split profiles used in delivered building blocks.

Two things are hardcoded:

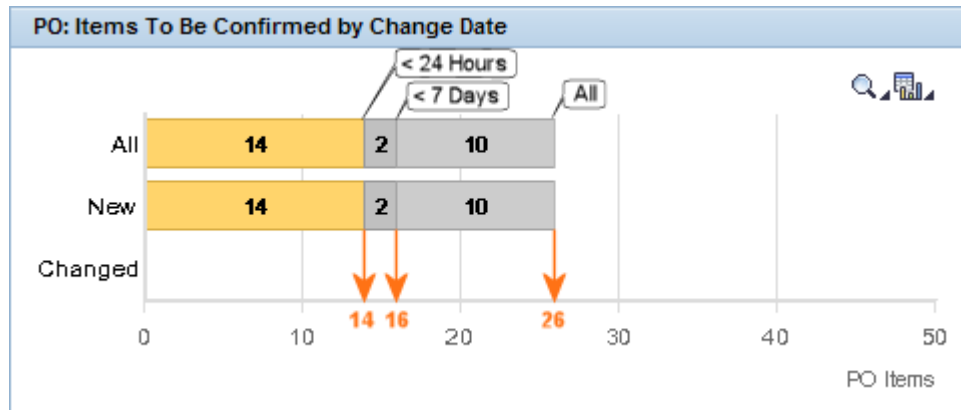
- The criterion by which the system splits can only be changed with additional programming, as the code has to read the criterion from the data base and compare it against the limits. Therefore, you would have to code your own version of the access class to accommodate a custom split criterion.
- The limit of 5 split segments.



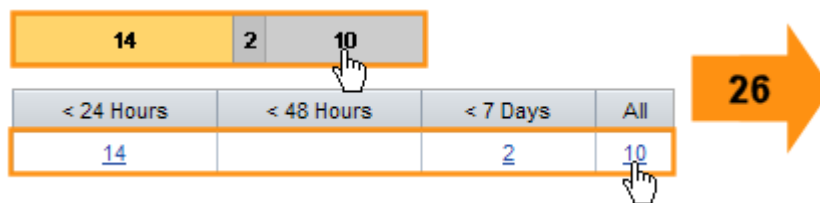
## Questions & Answers

### Why Is There No Sum in Column "All"?

Quick view aims to show the most urgent documents highlighted on the left side of the graph: For example, if a supplier looks at his purchase orders daily, then the ones changed or created within the last 24 hours are more important, because they haven't been looked at yet:



Quick view also aims to minimize clicks: By clicking on the 10, the user can see all items listed by quick view with a single navigation, instead of having to navigate back and forth several times:



The assumption here is that users will usually not want to look at only less important items.

Therefore, the text in the tooltip of the bars serves two purposes:

- It explains the limit that applies to the number on the x-Axis (14, 16, 26)
- It explains the limit with which the system will navigate – and it will navigate with *All* items or documents if the user clicks on that segment or that column.

This is obviously optimized for the graphical representation and the table view uses the same text to be consistent, hence the confusion with the column *All*, in which some users expect a sum. With 7.01 you can maintain different texts for tooltips and descriptions (column headers).

We hope that – once this concept is understood – it is helpful. However, if it is not, you can change the navigation behaviour and/or the texts as described below.

## Can I Change "< 48 Hours" to "< 3 Days"?

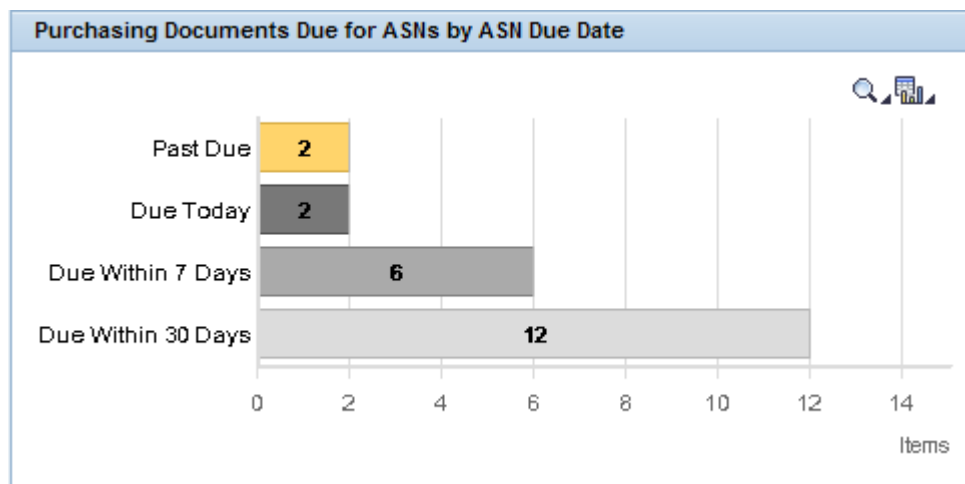
Yes and the following "recipe" works in SNC 7.0 and 7.01

- Find out which split profile the system is using (find the building block in *Define Building Blocks for Quick View* – see 2)
- Then find that split profile in *Define Split Criteria for Quick View* and copy it. Make sure the key of your copy is in customer name-space (X\* Y\* Z\*)
- Change the limits, keeping in mind that they are interpreted as hours
- Change the texts to fit the limits, translate your texts (menu: *Goto* → *Translation*)
- Go to *Assign Building Blocks to Quick View* and enter your new split profile (see 1)
- Save

## Can I Change "Due in 7 Days" to "Due in 3 Days"?

Yes (this is new with SNC 7.01):

SNC 7.01 contains a new Web Dynpro component (/SCF/WD\_MYS\_DUEBOX) for building blocks that have a *due list* character. This building block shows the bars in different colors:



The following building blocks use this new component:

- Purchasing Documents Due for ASNs by ASN Due Date
- Planned Receipts Due for ASNs by ASN Due Date
- ASNs/POs/ROs Requiring Invoices by Delivery/Shipping Date (10 different document / date combinations)
- PO: Items by ASN Due Date (only with SNC 7.01)
- Open Quality Notifications by End Date (with an alternative building block that allows for splitting by priority)
- Shipment Due List by Shipping Date

This new component does not use key figures to determine the bars (*Past Due / Due Today / ...*) but the split profile. The advantage of split profiles over key figures is that the split profile can be configured. Therefore, to change for example *Due Within 7 Days* to *Due Within 3 Days*, you use the same recipe as [above](#).



Since a due list building blocks uses its split profile to determine its bars, it is not possible to split those bars further into segments.

## Can I Change the Way Quick View Navigates?

In SNC 7.01: Use the recipe [above](#) but instead of (or in addition to) changing the limits, you change the navigation. You may want to change the texts accordingly.

In SNC 7.0 the navigation behavior is hardcoded. Therefore you would have to create your own version of the access class (configured in *Define Building Blocks for Quick View*) and replace method /SCA/IF\_MYSACCESS~GET\_SELPARMS\_4\_NAVIGATION. If you don't want to modify the SAP-delivered building block, you can configure your access class in a copy as described in article *How Do I Get Rid of Bars from a Building Block*.

## How Do I Get Rid of a Split Profile?

In SNC 7.01: Yes, use split profile **NONE** as described in section 1.

In SNC 7.0 you can either modify the building block by clearing the split profile or – modification free – copy the building block and its key-figure assignments as described in article *How Do I Get Rid of Bars from a Building Block*. Then you clear the split profile from your copy and use that copy in *Assign Building Blocks to Quick View*.

## Related Content

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