

7. Frequency of Inbound

Number of inbound shipments = By default equal to 1, it corresponds to the number of inbound shipments during RLT

- > Used to adjust Cycle stock formula for Finished Goods, if standing on a Distribution Center.
- > Used to calculate Cycle Stock for Raw Materials and Intermediates that are replenished.

Material	SKU	Nb of stock entries SAP	SHS RLT final [Day]	Nb of inbound days per year [Day]	Nb of inbound shipment	Nb of inbound shipment override	Nb of inbound shipment final
ACTALYS 2447 L5 (HSET) BASF BB	125945R@7677R ACTALYS 2447 L5 (H		6	365	1	+INF	1
ACTALYS 2447 L5 (HSET) HSE 100	54097R@7677R ACTALYS 2447 L5 (H	1	7	365	1	+INF	4
ACTALYS 2447 L5 CAKE	119881R@7677R ACTALYS 2447 L5 C		3	365	1	+INF	1
ACTALYS 2447 L5 HSE	119396R@7677R ACTALYS 2447 L5 H		3	365	1	+INF	1
ACTALYS 26 BASF 100 KG	111530R@7677R ACTALYS 26 BASF 1		8	365	1	+INF	1
ACTALYS 26 HSE 100 KG	82635R@7677R ACTALYS 26 HSE 100	1	6	365	1	+INF	10
ACTALYS 4330 L5	119303R@7677R ACTALYS 4330 L5 Z		4	365	1	+INF	1
ACTALYS 4330 L5 PULPE	119889R@7677R ACTALYS 4330 L5 P	3	3	365	1	+INF	3
ACTALYS 4330 L5 UMI BB 500 KG	24866R@7677R ACTALYS 4330 L5 UM		7	365	1	+INF	1
ACTALYS 4414	119415R@7677R ACTALYS 4414 ZFR		3	365	1	+INF	1
ACTALYS 4414 L1 OMG 80 KG	71280R@7677R ACTALYS 4414 L1 OM		5	365	1	+INF	1
ACTALYS 4465 100 KG	149281R@7677R ACTALYS 4465 100		6	365	1	+INF	1
ACTALYS 4800 L5	119402R@7677R ACTALYS 4800 L5 Z		3	365	1	+INF	1
ACTALYS 4800 L5 NQ 100 KG	48897R@7677R ACTALYS 4800 L5 NQ		6	365	1	+INF	1
ACTALYS 530	321652R@7677R ACTALYS 530 ZFR3	46	3	365	1	+INF	1
ACTALYS 530 CAKE	321653R@7677R ACTALYS 530 CAKE	19	3	365	1	+INF	1
ACTALYS 530 LR 125 KG	321617R@7677R ACTALYS 530 LR 12		10	365	1	+INF	1
ACTALYS 530 LR 800 KG	322263R@7677R ACTALYS 530 LR 80	16	8	365	1	+INF	1
ACTALYS 6340 CAKE	119887R@7677R ACTALYS 6340 CAK	35	3	365	1	+INF	1

Note: this view only shows the Materials which are Purchased (i.e. Procurement type <=> E 'In House Production').

- 1> User can define the number of inbound days per year by Site (by default = 365, in the same we have put 210 for Mexico Natie)
- 2> Frequency of inbound calculated from SAP stock entries, it works as the initial value (see explanation below).
- 3> Optional: user can manually override the value
- 4> This is the final value that will be used for Cycle stock formula.

Nb of Inbound shipments from SAP

As we saw before, the 'Nb of inbound shipments from SAP' is calculated and constitutes the initial (default) value. How is it calculated?

1. We extract all the stock entries from Material Documents of MB51, calculating the number of lines with different posting dates.
2. Then we calculate the Number of inbound shipments as follows :

Number of inbound shipments = Number of stock entries SAP last 12 months * (SHS RLT / Number of inbound days by Site per year)

Note: - when previous calculations returns a value < 1, we round it to 1 (because we have at least 1 inbound during RLT)
 - number of inbound days by Site = 365 days by default but it can be manually adjusted by user (ex: for Mexico Natie, it's 210 days), see information in below section 'How to modify the number of inbound days per Site'

Example:

115199R@8711R

RHODAPEX ESB 70 A2 2200LB TOTE 7008 / TRCC Polymer Dalton

$$\text{Number of inbound shipments} = 10 * (22 / 365) = 0.6 \rightarrow 1$$

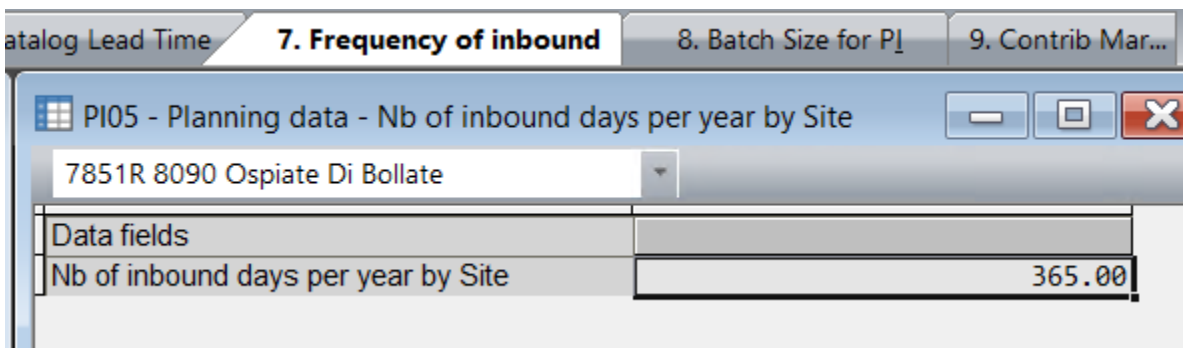
Material	Desc	Plnt	Name	1																				
SLoc	MvT	S	Mat.	Doc.	Item	Pstng	Date	Qty	in	UnE	EUn	User	Name	Doc..Date	PO	Vendor	Reference	GR/GI	Sl	Entry	Date	Time	Orde	
115199			RHO..	8711	7008	/	TRCC	P..																
8711	101		5029201635		1	23.01.2023	39.600	LB				PARISIM	23.01.2023	4504631213	95495	0280994798				23.01.2023	16:38:35			
8711	101		5029093649		1	28.12.2022	39.600	LB				PARISIM	28.12.2022	4504631208	95495	0280994081				28.12.2022	15:01:37			
8711	101		5028780362		1	21.10.2022	39.600	LB				PARISIM	21.10.2022	4504577232	95495	0280985010				21.10.2022	20:42:32			
8711	101		5028528891		2	06.09.2022	6.600	LB				PARISIM	06.09.2022	4504531260	95495	0280976899				07.09.2022	04:01:00			
8711	101		5028528891		1	06.09.2022	33.000	LB				PARISIM	06.09.2022	4504531260	95495	0280976899				07.09.2022	04:01:00			
8711	101		5028414541		1	17.08.2022	37.400	LB				PARISIM	17.08.2022	4504541548	95495	0280976891				17.08.2022	22:22:34			
8711	101		5028395101		1	14.08.2022	39.600	LB				PARISIM	14.08.2022	4504531259	95495	0280973833				14.08.2022	07:17:01			
8711	101		5028224000		1	14.07.2022	39.600	LB				PARISIM	14.07.2022	4504482909	95495	0280971088				14.07.2022	18:38:14			
8711	101		5028006116		1	06.06.2022	37.400	LB				PARISIM	06.06.2022	4504480170	95495	0280965476				06.06.2022	15:38:03			
8711	101		5027798819		1	29.04.2022	39.600	LB				PARISIM	29.04.2022	4504440984	95495	0280954806				29.04.2022	21:54:03			
8711	101		5027513339		1	10.03.2022	39.600	LB				PARISIM	10.03.2022	4504394434	95495	0280947568				10.03.2022	15:51:29			
							11 entries with 10 different posting dates																	
* 115199							391.600	LB																
** Total							391.600	LB																

6 / 1	Item
Data fields	115199R@8711R RHODAPEX ESB 70 A2 2200LB TOTE 7008 / TRCC Polymer Dalton
Nb of stock entries SAP	10
Nb of inbound days per year [Day]	365
SHS RLT final [Day]	22
Nb of inbound shipment override	+INF
Nb of inbound shipment	1
Nb of inbound shipment final	1

How to modify the number of inbound days per Site

The value by default is 365 days but it can be manually adjusted by user (ex: for Mexico Natie, it's 210 days).

Due to potential conflicts when 2 P&I users are working on the tool, the "NB of inbound days per year by Site" is not open to modification default (you will see it in gray color) :



To open it to modification, please follow the steps below:

In the right tab "PI05 - Planning data - Nb of inbound days per year by Site", do the following:

The screenshot shows a SAP S/4HANA Planning Data Work Center. The main table displays 'Nb of inbound days per year by Site' for various materials. A context menu is open over the data field 'Nb of inbound days per year by Site', with a red arrow pointing to the 'Details' option. The menu options are: Selection..., Dimension order..., Hide default values, Locate object, and Find... The 'Details' option is highlighted with a red box and labeled '2-select'. A red arrow labeled '1- right click' points to the data field.

Material	SKU	Procurement type	Number of stock entries	SHS RLT [Standard Day]	Number of inbound days @ SKU	Number of inbound shipment	Nu sh
10331R	IGEPAL CO 630 200 KG METAL DRUM 8090 Ospiate Di Bollat	F External procurement			9.0		
103427R	RHODAPEX LA 1205 1000 KG PLASTIC CONT 8090 Ospiate	F External procurement	20.0		57.0		3.1
103429R	RHODAPEX LA 1205 BULK 8090 Ospiate Di Bollate	F External procurement	4.0		42.0		
10508R	IGEPAL CO 730 200KG METAL DRUM 8090 Ospiate Di Bollat	F External procurement			24.0		
105265R	ALCOHOL CETILOLEICO 50-55 BU 8090 Ospiate Di Bollate	F External procurement	9.0		16.0		
105798R	RHODACAL 70B BULK 8090 Ospiate Di Bollate	F External procurement	1.0		35.0		
1061657R	DEIONIZED WATER 8090 Ospiate Di Bollate	X Both procurement types			4.0		
109601R	ISO-TRIDECYL ALCOHOL 175KG DRUM 8090 Ospiate Di Boll	F External procurement	16.0		10.0		
114347R	ISOPROPYLOX TSP 200 KG METAL DRUM 8090 Ospiate Di B	F External procurement	8.0		30.0		
117547R	MONOETHANOLAM COCO SABOPALM46 IBC1000KG 809	F External procurement			15.0		
118572R	IGEPAL CO 630 1000KG IBC 8090 Ospiate Di Bollate	F External procurement	3.0		9.0		

The screenshot shows the 'View Management' dialog box. The 'Open mode' tab is selected in the left-hand menu. The 'Default Open Mode' section shows three modes: 'Mode 1: Updatable data fields' (set to 'Modification (lock)'), 'Mode 2: Computed data fields' (set to 'Notified update'), and 'Mode 3: Annotation data fields' (set to 'That of the data field'). A table below shows the 'Nb of inbound days per year by Site' data field is set to 'Default (Mode 1)'. The 'OK' button is highlighted with a red box and labeled '5- Click on 'Ok''. A red arrow labeled '3- Select' points to the 'Open mode' tab. A red arrow labeled '4- Change to 'Modification (lock)'' points to the 'Modification (lock)' dropdown menu.

4- Change to 'Modification (lock)'

3- Select

5- Click on 'Ok'

Data field	Data field open mode	Annotation opening mode
Nb of inbound days per year by Site	Default (Mode 1)	

The datafield (line) becomes now open to Modification:

PI05 - Planning data - Nb of inbound days per year by Site

7851R 8090 Ospiate Di Bollate

Data fields	
Nb of inbound days per year by Site	365.00