



Module stock_back2back_orders

Comparison between current and enhanced backorders behavior

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Eg: PO from a supplier for the full quantity (eg 100 PCE) and your supplier ships immediately only part of the available quantity which is 70 PCE. 30 PCE are to be shipped later on.

Location set-up: Chained location transit (automatic move created with manual confirmation)

SUPPLIER ----> TRANSIT ----> INPUT

Current OpenERP behavior from back order system and result on virtual and real stock

Event	Original picking move (SUPPLIER => TRANSIT)			Autom. Linked picking move (TRANSIT => INPUT)			INPUT Stock (after)	
	Doc	Qty	State (after)	Doc	Qty	State (after)	Virtual	Real
PO Validated of 100 PCE for Supplier	DNI1	100	Available	DNI2	100	Confirmed	100	0
Shipment 1: 70 PCE from Supplier (DNI1 processed for 70)	DNI1	70	Done	DNI2	100	Confirmed	100	0
	DNI3	30	Available					
Shipment 2: 30 PCE from Supplier (DNI3 processed for 30)	DNI1	70	Done	DNI2	100	Available	100	0
	DNI3	30	Done					
Reception 2: 30 PCE in factory (DNI2 processed for 100)	DNI1	70	Done	DNI2	100	Done	100	100
	DNI3	30	Done					

In red are the wrong stock figures due to current OpenERP behavior unapplicable to our example.
This is so because you cannot receive the first 70 PCE in the warehouse until all backorders are processed.

Enhanced behavior from back order system and result on virtual and real stock

Event	Original picking move (SUPPLIER => TRANSIT)			Autom. Linked picking move (TRANSIT => INPUT)			INPUT Stock (after)	
	Doc	Qty	State (after)	Doc	Qty	State (after)	Virtual	Real
PO Validated of 100 PCE for Supplier	DNI1	100	Available	DNI2	100	Confirmed	100	0
Shipment 1: 70 PCE from Supplier (DNI1 processed for 70)	DNI1	70	Done	DNI2	70	Available	100	0
	DNI3	30	Available	DNI4	30	Confirmed		
Reception 1: 70 in factory (DNI2 processed for 70)	DNI1	70	Done	DNI2	70	Done	100	70
	DNI3	30	Available	DNI4	30	Confirmed		
Shipment 2: 30 PCE from Supplier (DNI3 processed for 30)	DNI1	70	Done	DNI2	70	Done	100	70
	DNI3	30	Done	DNI4	30	Available		
Reception 2: 30 in factory (DNI4 processed for 30)	DNI1	70	Done	DNI2	70	Done	100	100
	DNI3	30	Done	DNI4	30	Done		

Waiting to be processed

Being processed

Processed