

Beispiel: Ist-Zustand



History Simulation Results					
Simulation settings		Stock statistics		Service levels and annual cost	
Ordering cost (EUR)	10.00	Simulated days	758	Average alpha0 service level	83.60
Warehousing interest (%)	0.10	Average stock quantity	285'766	Average alpha1 service level	78.17
Simulation logic	Historical stock simulation logic	Average stock value (EUR)	5'921'003	Average beta service level	70.02
Replenishment policy	(s,S) replenishment policy	Total demand quantity	2'412'561	Global alpha0 service level	84.62
Stockout policy	Partial backlog stockout policy	Total demand value (EUR)	59'379'756	Global alpha1 service level	72.93
Expiration policy	Simple Expiration Policy	Total number of picks	225'249	Global beta service level	72.93
		Total number of orders	45'109	Total number of stockouts	35'764
		Total number of overage days	845'753	Total number of stockout days	35'764
		Total number of underage days	572'336	Total number of stockout periods	6'653
		Total overage quantity	85'291	Storage Cost (EUR)	592'100
		Total overage value (EUR)	2'860'817	Ordering Cost (EUR)	451'090
		Total underage quantity	39'511	Opportunity Cost (EUR)	1'021'348
		Total underage value (EUR)	1'044'492	Scraping Cost (EUR)	0
		Total number of scraped items	0	Total Cost (EUR)	1'830'662

niedrige
Verfügbarkeit

hohe
Opportunitäts-
Kosten

Beispiel: Optimierter Bestand



Inventory Simulation Results					
Simulation settings		Stock statistics		Service levels and annual cost	
Ordering cost (EUR)	10.00	Simulated days	758	Average alpha0 service level	87.93
Warehousing interest (%)	0.10	Average stock quantity	466'223	Average alpha1 service level	81.10
Simulation logic	A simple stock simulation logic	Average stock value (EUR)	6'024'693	Average beta service level	89.15
Replenishment policy	(s,S) replenishment policy	Total demand quantity	2'412'561	Global alpha0 service level	96.09
Stockout policy	Partial backlog stockout policy	Total demand value (EUR)	59'379'756	Global alpha1 service level	93.03
Expiration policy	Simple Expiration Policy	Total number of picks	225'249	Global beta service level	93.03
		Total number of orders	21'555	Total number of stockouts	8'815
		Total number of overage days	219'828	Total number of stockout days	8'815
		Total number of underage days	74'514	Total number of stockout periods	6'496
		Total overage quantity	8'981	Storage Cost (EUR)	602'469
		Total overage value (EUR)	629'908	Ordering Cost (EUR)	215'555
		Total underage quantity	14'609	Opportunity Cost (EUR)	457'946
		Total underage value (EUR)	832'259	Scraping Cost (EUR)	0
		Total number of scraped items	0	Total Cost (EUR)	1'164'209

hohe Verfügbarkeit

niedrige Opportunitätskosten

Reduktion der jährlichen Kosten um 40%