

Baseline Report

SIMPROCESS Model: Purchasing
Report Created: Wed Jan 14 13:33:41 EST 2015

Scenario Baseline Centralized, Functional

Model Parameters

Name	Type	Mode	Default Value	Last Value
NumProdAPersonnel	Model	Integer	7	7
NumProdBPersonnel	Model	Integer	5	5
NumProdCPersonnel	Model	Integer	5	5

Active Alternatives



Purchasing Processes : Centralized, Functional

Scenario Baseline Decentralized, Product based

Model Parameters

Name	Type	Mode	Default Value	Last Value
NumProdAPersonnel	Model	Integer	7	7
NumProdBPersonnel	Model	Integer	5	5
NumProdCPersonnel	Model	Integer	5	5

Active Alternatives



Purchasing Processes : Decentralized, Product based

Scenario Baseline Hybrid

Model Parameters

Name	Type	Mode	Default Value	Last Value
NumProdAPersonnel	Model	Integer	7	7
NumProdBPersonnel	Model	Integer	5	5
NumProdCPersonnel	Model	Integer	5	5

Active Alternatives



Purchasing Processes : Hybrid

Baseline Report

Entity : Cycle Time in Hours : Average of Replications

Name	Avg	St Dev	Min	Max
Baseline Centralized, Functional				
Product A	349.02	10.69	335.52	356.89
Product B	339.32	12.59	327.70	352.88
Product C	344.36	7.48	337.10	352.07

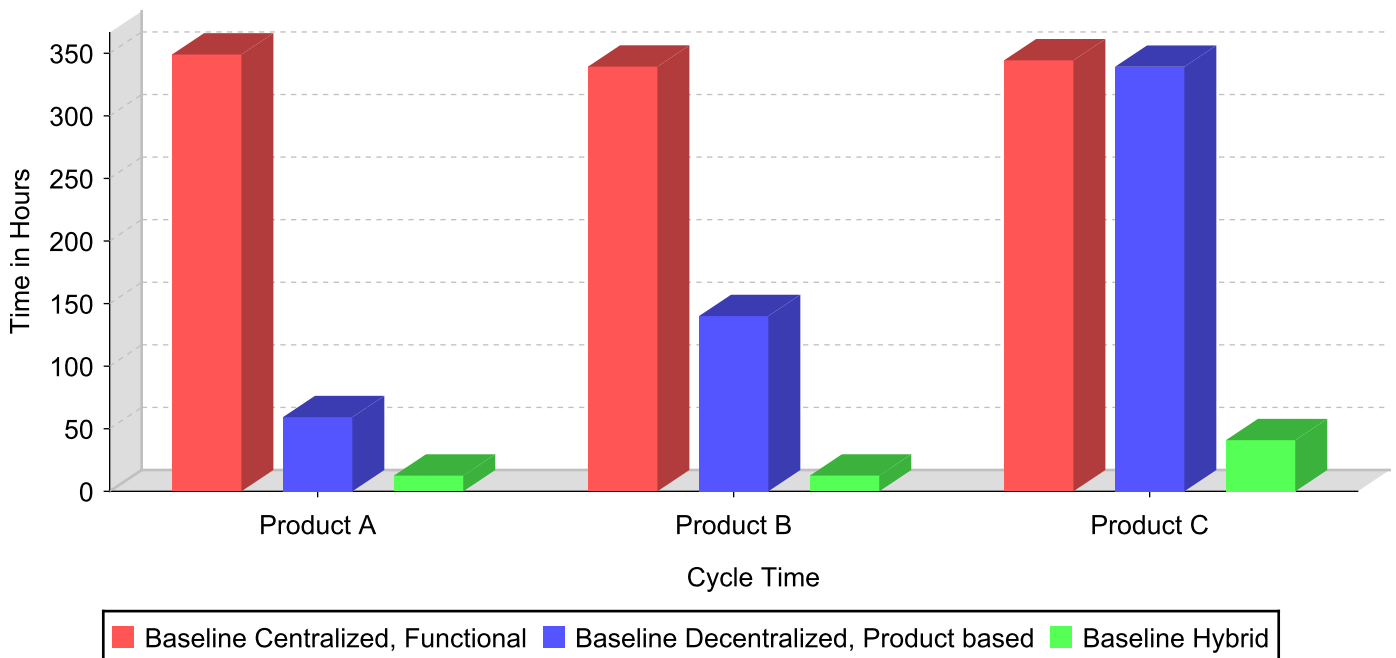
Baseline Decentralized, Product based

Product A	59.27	0.03	59.24	59.30
Product B	140.03	9.52	130.85	149.88
Product C	339.19	0.66	338.53	339.84

Baseline Hybrid

Product A	12.54	0.09	12.45	12.64
Product B	12.57	0.01	12.55	12.58
Product C	40.87	0.31	40.56	41.18

Entity : Cycle Time : Average of Replications



Baseline Report

Resource : Units Busy : Average of Replications

Name	Avg	St Dev	Min	Max
Baseline Centralized, Functional				
ProductAPersonnel	0.00	0.00	0.00	0.00
ProductBPersonnel	0.00	0.00	0.00	0.00
ProductCPersonnel	0.00	0.00	0.00	0.00
Baseline Decentralized, Product based				
ProductAPersonnel	3.42	0.24	3.19	3.66
ProductBPersonnel	4.82	0.02	4.79	4.84
ProductCPersonnel	4.98	0.00	4.97	4.98
Baseline Hybrid				
ProductAPersonnel	0.64	0.02	0.62	0.67
ProductBPersonnel	1.06	0.06	1.00	1.12
ProductCPersonnel	4.97	0.00	4.96	4.97

Resource : Units Busy : Average of Replications

