



## Expert COSYSMO - Systems Engineering Cost Model Risk Advisor

Model(s)  
 COSYSMO ▼

Monte Carlo Risk Off ▼

Auto Calculate On ▼

### System Size

	Easy	Nominal	Difficult
# of System Requirements	3	2	0
# of System Interfaces	0	1	0
# of Algorithms	1	0	0
# of Operational Scenarios	0	1	0

### System Cost Drivers

Requirements Understanding	High ▼	Documentation	Nominal ▼	Personnel Experience/Continuity	Very Low ▼
Architecture Understanding	High ▼	# and Diversity of Installations/Platforms	Nominal ▼	Process Capability	Nominal ▼
Level of Service Requirements	Nominal ▼	# of Recursive Levels in the Design	Very Low ▼	Multisite Coordination	Nominal ▼
Migration Complexity	Nominal ▼	Stakeholder Team Cohesion	High ▼	Tool Support	Very High ▼
Technology Risk	Very Low ▼	Personnel/Team Capability	Nominal ▼		

Maintenance Off ▼

### System Labor Rates

Cost per Person-Month (Dollars) 6000

### Results

#### Cost and Schedule

Effort = 2 Person-months  
 Schedule = 1 Months  
 Cost = \$12678

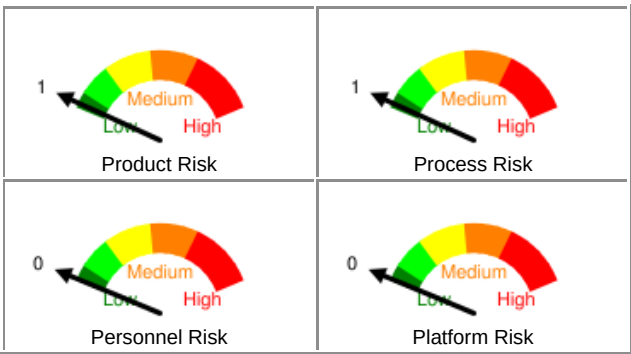
#### Effort Distribution (Person-Months)

Phase / Activity	Conceptualize	Develop	Operational Test and Evaluation	Transition to Operation
Acquisition and Supply	0.0	0.1	0.0	0.0

#### Risk Exposures



Technical Management	0.1	0.1	0.1	0.1
System Design	0.2	0.3	0.1	0.1
Product Realization	0.0	0.1	0.1	0.1
Product Evaluation	0.1	0.2	0.3	0.1



**Risk Mitigation Guidance**

The risk mitigation guidance below shows alternatives for consideration in specific project environments. Risks are ordered by highest risk exposure.

Risk Exposure Points	Description	Alternatives
1.5	Level of Service Requirements = Nominal and Personnel Experience/Continuity = Very_Low	Get experienced engineering team on the 'illities
1.5	Documentation = Nominal and Personnel Experience/Continuity = Very_Low	TBS

Total Risk Exposure Points = 2.9

Your output file is [http://csse.usc.edu/tools/data/COSYSMO\\_March\\_1\\_2018\\_22\\_40\\_00\\_597091.txt](http://csse.usc.edu/tools/data/COSYSMO_March_1_2018_22_40_00_597091.txt)

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