Overall Efficient Frontier

The Efficient Frontier results make it easy to compare several scenarios and see the effects of lower or higher budgets.

MANAGE MODELS	ENTIFY/STRUCTURE	LIKELIHOOD OF EVENTS	IMPACT OF EVENTS	Ύ.	RISK	(S	CONTROL	_S	CON	TROLLED	RISKS
ntify Measure Manually Selec	t Optimize Efficier	nt Frontier					C Reloa	ad 💽 On-li	ne 🔒 Lock	C C Snap	shots
	Solve	Simulated	LEC Values Number of trials:	7557 All	points a	at once 🗸 Percentages	~				
Overall irom Sources	asure Manually Select Optimize Efficient Frontier CReload © On-line Lock @ Snapshots R										
o Objectives			easing Budgets: Grid Optio	ns:					dae:	_	
,		Approx. # of Increments					Groups				
		Ignore:	- Descendencia Z True Destad								
		- Musis - Musi Nois - Group	ps 🗋 Dependencies 💟 Time Feriods								
		Efficient Fro	ontier		Index	•	\$0				
	40% ¬						\$0				
	1					Investment Leverage	0.00 : 1				22
							38.84%	9.48%	7.95%	6.69%	
					1.	Review					
	Risi 20% -					Maintenance					
	nize				3.						
	15% -				4.						
	-				5.						
	5% -				6.	Identify Staff requiring additional training					
	0%				7.						

The Efficient Frontier page displays a curve(s) at the left and a grid at the right.

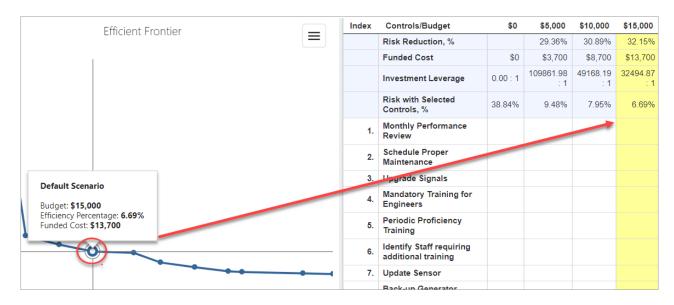
You can ignore constraints:

Contraints that are defined have the **bold** font.

You can select the delta when optimizing:

 Delta when optimizing for li 	ncrea	asing Budgets:
Approx. # of Increments	•	: 10
Min Benefit Increase, %		{] [
Specified Amount		
Approx. # of Increments		
All Solutions, Δ		

Hovering on a plot in the Chart will show a tooltip with its details and will highlight the corresponding column in the Grid.



You can see the controls that are funded on the grid. There will be FUNDED on the cell intersecting the control (row) given the budget (column).

Index	Controls/Budget	\$0	\$5,000	\$10,000	\$15,000	\$20,000	\$25,000	\$30,000
	Risk Reduction, %		29.36%	30.89%	32.15%	32.39%	34.02%	34.879
	Funded Cost	\$0	\$3,700	\$8,700	\$13,700	\$19,700	\$23,700	\$28,70
	Investment Leverage	0.00 : 1	109861.98 : 1	49168.19 : 1	32494.87 : 1	22765.37 : 1	19878.66 : 1	16821.5 :
	Risk with Selected Controls, %	38.84%	9.48%	7.95%	6.69%	6.45%	4.81%	3.97%
1.	Monthly Performance Review							
2.	Schedule Proper Maintenance							\searrow
3.	Upgrade Signals							
4.	Mandatory Training for Engineers							
5.	Periodic Proficiency Training							
6.	Identify Staff requiring additional training							
7.	Update Sensor							
8.	Back-up Generator Power							
	Periodic							

Alternatively, you can turn on the show control names option to list the funded controls in the cell.

Grid Options:

Ensure funded controls remain funded as budget increases
 Show control names in the grid cells

Base Case includes:

<	Time	Period	ls
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Risk with Selected Controls, %	38.84%	9.48%	7.95%	6.69%	6.45%	4.81%	3.97%
Funded controls		23. Reprimand 27. Replace Operator 36. Monthly safety meeting to review saf 38. Maintain proper insurance policy 43. Follow safety	22. Monitoring Gate System Approach 23. Reprimand 27. Replace Operator 36. Monthly safety meeting to review saf 38. Maintain	 22. Monitoring Gate System Approach 23. Reprimand 24. Frequent Monitoring and Replacement 27. Replace Operator 36. Monthly safety meeting to review saf 38. Maintain 	12. Employ Higher Security 22. Monitoring Gate System Approach 23. Reprimand 24. Frequent Monitoring and Replacement 27. Replace Operator 36. Monthly safety	23. Reprimand 27. Replace Operator 36. Monthly safety meeting to review saf 38. Maintain proper insurance policy 40. Use emergency	22. Monitoring Gate System Approach 23. Reprimand 27. Replace Operator 36. Monthly safety meeting to review saf 38. Maintain