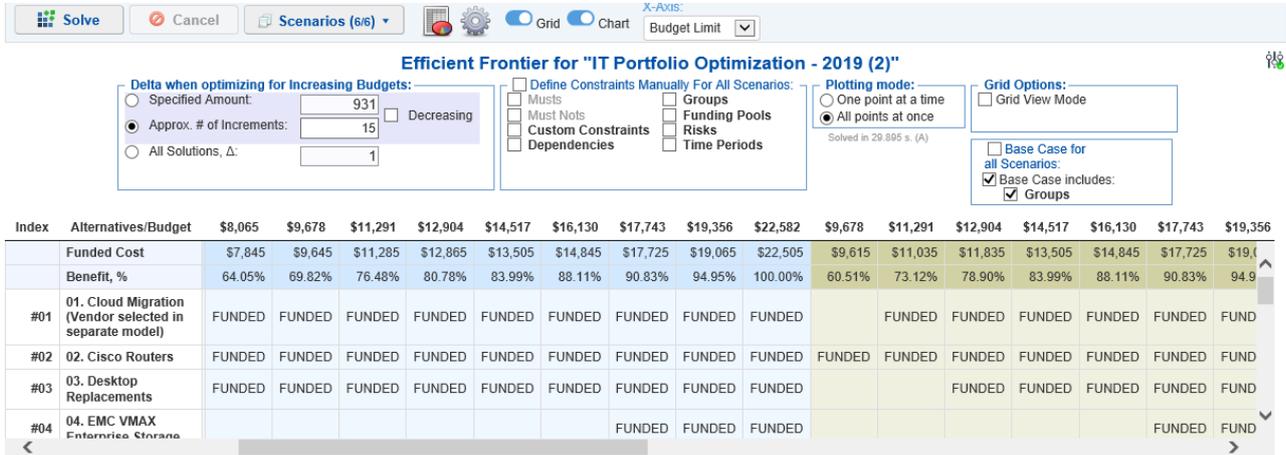


Efficient Frontier

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

Click  to display results:



Efficient Frontier for "IT Portfolio Optimization - 2019 (2)"

Delta when optimizing for Increasing Budgets:
 Specified Amount: 931
 Approx. # of Increments: 15
 All Solutions, Δ: 1

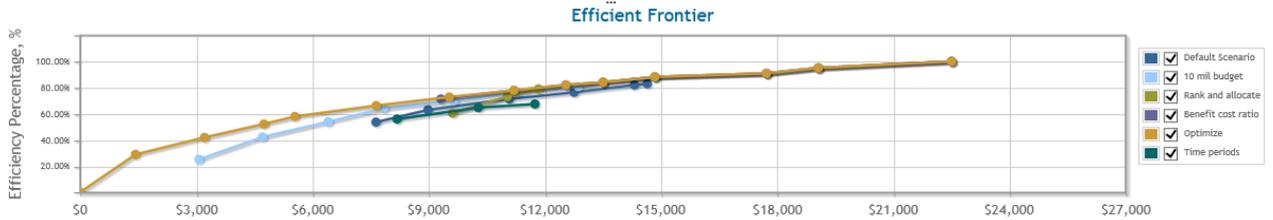
Define Constraints Manually For All Scenarios:
 Musts
 Must Notes
 Custom Constraints
 Dependencies
 Groups
 Funding Pools
 Risks
 Time Periods

Plotting mode:
 One point at a time
 All points at once

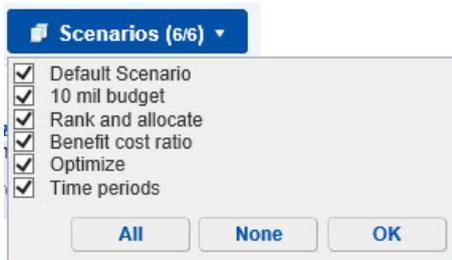
Grid Options:
 Grid View Mode

Base Case for all Scenarios:
 Base Case includes:
 Groups

Index	Alternatives/Budget	\$8,065	\$9,678	\$11,291	\$12,904	\$14,517	\$16,130	\$17,743	\$19,356	\$22,582	\$9,678	\$11,291	\$12,904	\$14,517	\$16,130	\$17,743	\$19,356
	Funded Cost	\$7,845	\$9,645	\$11,285	\$12,865	\$13,505	\$14,845	\$17,725	\$19,065	\$22,505	\$9,615	\$11,035	\$11,835	\$13,505	\$14,845	\$17,725	\$19,356
	Benefit, %	64.05%	69.82%	76.48%	80.78%	83.99%	88.11%	90.83%	94.95%	100.00%	60.51%	73.12%	78.90%	83.99%	88.11%	90.83%	94.9
#01	01. Cloud Migration (Vendor selected in separate model)	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED		FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUND
#02	02. Cisco Routers	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUND
#03	03. Desktop Replacements	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED			FUNDED	FUNDED	FUNDED	FUNDED	FUND
#04	04. EMC VMAX Enterprise Storage							FUNDED	FUNDED	FUNDED						FUNDED	FUND



You can select the scenarios to display by using the Scenarios drop-down:



Scenarios (6/6)

- Default Scenario
- 10 mil budget
- Rank and allocate
- Benefit cost ratio
- Optimize
- Time periods

All **None** **OK**

When there is more than one selected scenario, you can temporarily specify the ignore and base case settings for all the scenarios and view the results:

Simply check the "Define Constraints Manually for All Scenarios,"



Define Constraints Manually For All Scenarios:

- Musts
- Must Notes
- Custom Constraints
- Dependencies
- Groups
- Funding Pools
- Risks
- Time Periods

and the "Base Case for All Scenarios":

Base Case for all Scenarios:
 Base Case includes:
 Groups

You can select the Grid, Chart, or Both at the same time:

Grid Chart

The Grid displays the Alternatives, the budget amount, the benefit expressed as a percentage based on the derived alternatives priorities from Comparison, and the cost to implement the budget in a table format.

Index	Alternatives/Budget	\$8,065	\$9,678	\$11,291	\$12,904	\$14,517	\$24,195
	Funded Cost	\$7,640	\$8,985	\$11,085	\$12,755	\$14,315	\$14,645
	Benefit, %	53.57%	62.97%	71.27%	76.36%	81.94%	82.91%
#01	01. Cloud Migration (Vendor selected in separate model)	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED
#02	02. Cisco Routers	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED
#03	03. Desktop Replacements	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED
#04	04. EMC VMAX Enterprise Storage						
#05	05. Firewall and Antivirus Licenses	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED
#06	06. Iron Mountain Cloud Backup Service	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED
#07	07. Laptop Replacements					FUNDED	
#08	08. Mobile Workforce Smartphone App	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED
#09	09. Oracle 12 Upgrade					FUNDED	FUNDED
#10	10. PeopleSoft Upgrade				FUNDED		FUNDED

Grid Options:
 Grid View Mode

Checking the **Grid View Mode** option displays the same information, but lists the funded alternatives for each budget in each column:

Alternatives/Budget	\$8,065	\$9,678	\$11,291	\$12,904
Funded Cost	\$7,640	\$8,985	\$11,085	\$12,755
Benefit, %	53.57%	62.97%	71.27%	76.36%
Funded alternatives	#14 14. SRDF Site/Service #03 03. Desktop Replacements #02 02. Cisco Routers #06 06. Iron Mountain Cloud Backup Service #13 13. Sales Force Laptops #05 05. Firewall and Antivirus Licenses #08 08. Mobile Workforce Smartphone App #01 01. Cloud Migration (Vendor selected in separate model) #16 16a. Customer Service Call Center - Gold	#11 11. Salesforce.com Corporate Portal #14 14. SRDF Site/Service #03 03. Desktop Replacements #02 02. Cisco Routers #06 06. Iron Mountain Cloud Backup Service #13 13. Sales Force Laptops #05 05. Firewall and Antivirus Licenses #08 08. Mobile Workforce Smartphone App #01 01. Cloud Migration (Vendor selected in separate model) #16 16a. Customer Service Call Center - Gold	#11 11. Salesforce.com Corporate Portal #14 14. SRDF Site/Service #03 03. Desktop Replacements #02 02. Cisco Routers #06 06. Iron Mountain Cloud Backup Service #13 13. Sales Force Laptops #15 15. Multi factor authentication #05 05. Firewall and Antivirus Licenses #08 08. Mobile Workforce Smartphone App #01 01. Cloud Migration (Vendor selected in separate model) #16 16a. Customer Service Call Center - Gold	#11 11. Salesforce.com Corporate Portal #14 14. SRDF Site/Service #03 03. Desktop Replacements #02 02. Cisco Routers #06 06. Iron Mountain Cloud Backup Service #13 13. Sales Force Laptops #15 15. Multi factor authentication #05 05. Firewall and Antivirus Licenses #10 10. PeopleSoft Upgrade #08 08. Mobile Workforce Smartphone App #01 01. Cloud Migration (Vendor selected in separate model) #16 16a. Customer Service Call Center - Gold

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

Expert Choice Comparison® Help Document

	12904	14517	16130	17743	20969
05	12545	13505	14845	17725	19065
%	81.98%	83.99%	88.11%	90.83%	94.95%
D	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED
D	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED
D	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED

