

Optioneer can explore every possible option

The Optioneer service gives the project team every opportunity to make the best decisions as early in the planning process as possible. It can identify trends across design variables, highlight the positive and negative trade-offs of multiple project objectives, replace "rule-of-thumb" decisions with more accurate and intelligent information, and find key non-intuitive combinations of variables. This information results in buildings that are less expensive to build and more efficient to operate.

How does Optioneer work?

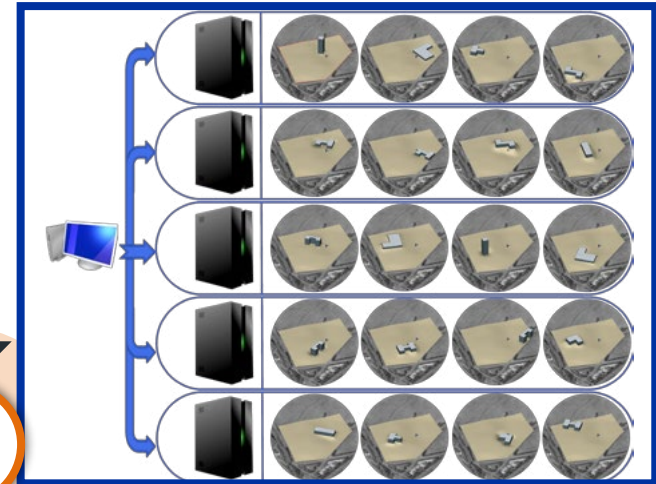
Input design parameters, constraints and goals

Variables	Allowable Ranges
Square Footage	Stay Constant
Location	On Site
Rotation	0° — 360°
Number of Floors	2 — 20
Window-to-Wall Ratio	32% — 80%
Elevation	-10' — 10'
Wall Insulation	R-4 — R-26
Roof Insulation	R-18 — R-21
Cladding Properties	No Low-E Coating — High Low-E Coating

Find Models with Low First Cost
Find Models with Low Operating Cost

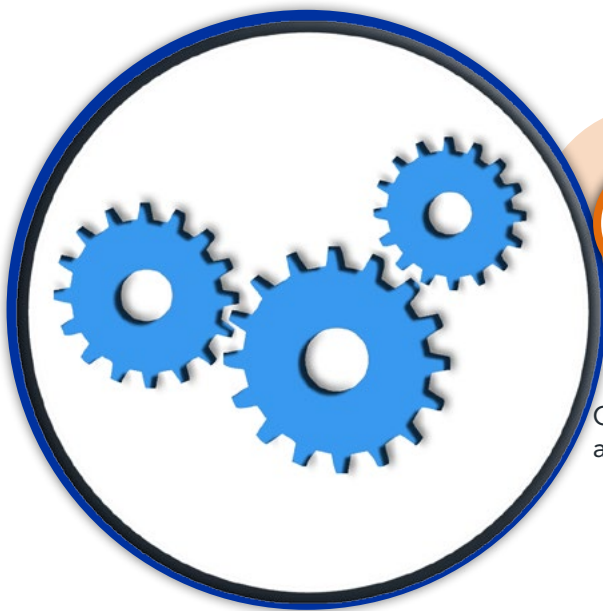
1

Optioneer automatically creates 100's of BIM files within constraints



2

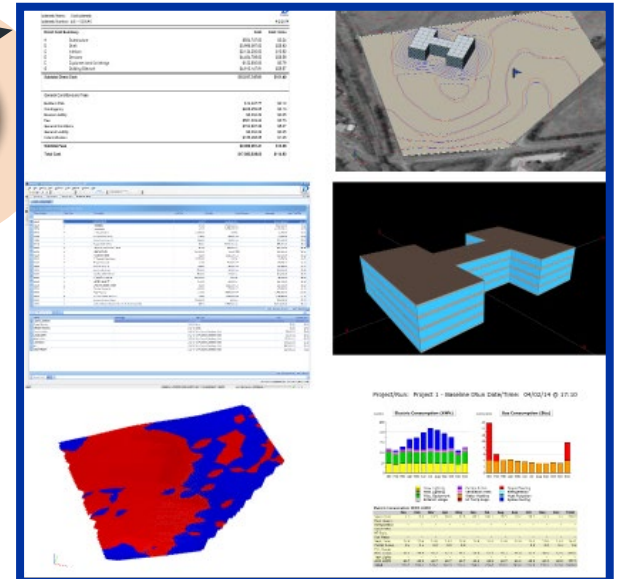
Optioneer creates a new set of models using the data to find potentially better options



1,000's of iterations will take place as Optioneer continues to find alternative design solutions

3

Optioneer computes cost and energy data for each model



4

Optioneer compiles results and uses powerful algorithms to learn how variables interact

Optioneer identifies trends!

Finds the best location for your building

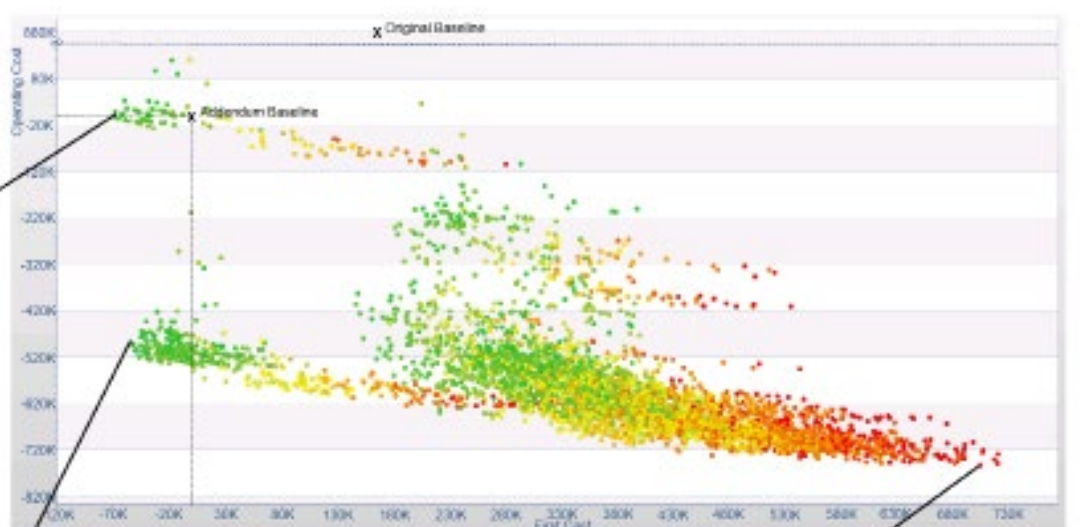
Finds the best configurations for your master plan

Finds the best orientation to maximize the presence of your building

Finds the lowest capital cost for your project without affecting the design intent

5

After 10,000's of simulations, the Optioneer compiles the results into an interactive graph that allows the team to analyze the results



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