

Analyzing Improvements in Building Systems

Option Analyzer



What are your options when you want to save on energy and operational costs.

Trane Option Analyzer

Trane Option Analyzer is a software tool that provides a quick, accurate means for you to evaluate the possible savings from improvements to your building systems. By utilizing this tool, your Trane account manager will generate a detailed simulation of your building and equipment operation. You will be able to see a side-by-side comparison of the available savings options.

How are the savings calculated?

Option Analyzer simulates your building based upon peak cooling and heating load, building type, energy costs, location and hours of operation – all information that you provide.

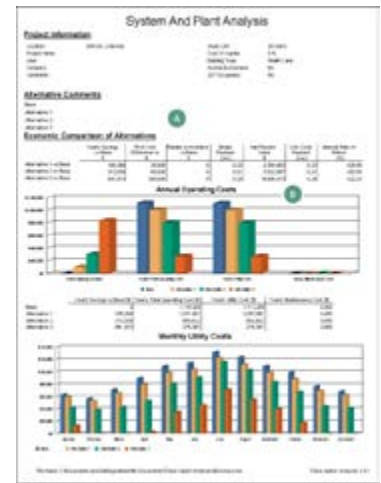
Where is it used?

Option Analyzer provides accurate and detailed operating cost answers for common decisions including:

- Replacing one or more chillers or cooling devices
- Replacing or upgrading heating systems
- Upgrading chillers to variable speed operation
- Upgrading cooling systems, including cooling towers, pumps and fans, to variable speed operation
- Upgrading to Trane Tracer controls
- Using an air-cooled versus water-cooled unit
- Changing system type, such as from constant volume fans to variable volume fans

What does it provide?

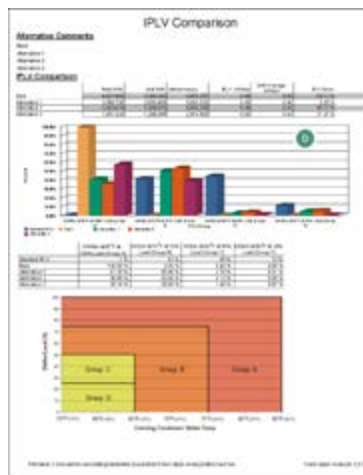
- Annual operating costs, which factor cooling and heating equipment, as well as any ancillary devices, such as pumps or fans. It's more accurate than models that look at just a single piece of equipment.
- Equipment simulation based upon industry standard ratings and the actual load and weather conditions. This is far better than BIN evaluations that assume a savings without ever modeling the building's cooling or heating observation.
- Calculations showing the impact of equipment wear and showing the benefits of proper maintenance.
- Detailed reports that provides annual operating costs, simple payback, and even life cycle cost analysis of the various options. Each report includes the input assumptions so that accuracy can be verified.



What are the benefits?

It takes the guessing out of improvement projects for your building. Many projects are not pursued simply because savings and paybacks are not understood. By working with your Trane account manager, you will receive the Option Analyzer report with detailed simulation of your building and equipment. It can be the first step to substantially reduce your operating costs.

- A** Alternatives are based on your building, its equipment and your operating load.
- B** Side-by-side comparison of alternative totals, utility and maintenance costs. Includes the simple payback, net present value, life-cycle payback and internal rate of return.
- C** Building utility costs broken down into month-by-month data. Results are provided both in graphical and tabular format.
- D** Graphic depiction of IPLV assumptions versus your true building operating performance.



For more information or to have your facility evaluated, call your local [Trane office](#).



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