

The Exorbitant Cost of Doing Nothing

Efficient IT may not be at the top of your IT management priority list—but it should be. People often mistake steady state for steady expense outlay. But “business as usual” can be massively expensive. Operating costs are rising, even if your data center infrastructure stays constant, as underutilization of existing assets create more exorbitant expenses. Without a clear focus on efficiency, and if you don’t take advantage of available savings, capital expenses will skyrocket as the organization is forced to react to the growing needs of the business.

With so many other pressing concerns, why should you start an efficiency initiative now? Proactively addressing IT efficiency generates real and significant savings, often immediately and with negligible costs. Relatively modest management efforts and resource reallocation can generate substantial savings.

What’s needed is a holistic view of the business critical IT infrastructure landscape—and the leadership to keep efficiency efforts on course.

To achieve meaningful and lasting IT efficiency, both the facilities and the operations organizations need to contribute equally. Cooperation yields a leaner—and greener—data center that maximizes the strategic value of your capital investment. Save millions in both OpEx and CapEx, and transform your IT infrastructure from a cost center into a competitive advantage.

Compare these two data centers—one who kept a steady course of business as usual and one who embraced a holistic Efficient IT approach. See how much money you could be leaving on the table, and instead of asking “Why Efficient IT right now?” you’ll be saying “Let’s get started!”

Profile: Data Center X

- Tier III Topology 30,000 2U servers increasing at 5% per year
- 6 kW per rack, \$0.10 per kW-h initially

Data Center X wants to cut energy costs, so decides to do some facility-side fine tuning. Beyond that, it is business as usual.

You have a choice to make:
Steady State?
or
Efficient IT!

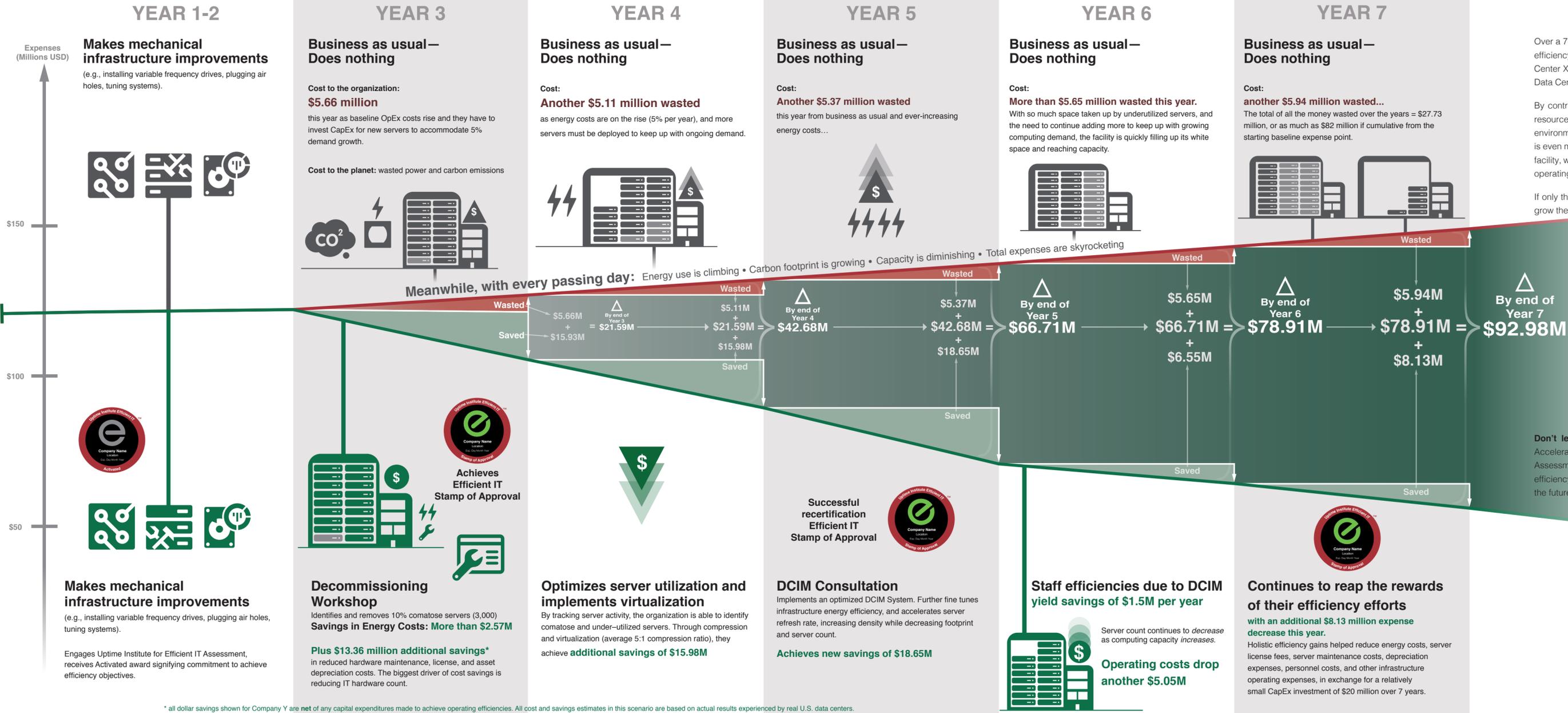
Profile: Data Center Y

- Tier III Topology 30,000 2U servers increasing at 5% per year
- 6 kW per rack, \$0.10 per kW-h initially

Data Center Y’s leadership has decided to tackle the issue of infrastructure efficiency. Their goals: to lower energy usage, tune up system performance, reduce resource consumption, and lower their carbon footprint.

Legend	
	Expense Total - X
	Expense Total - Y
	Wasted - X
	Saved - Y
	Continued Savings

The Following is
Based on a True Story



RESULTS

Over a 7-year span, Data Center Y’s direct savings total \$65.24 million. The success of their continued efficiency efforts is in the Delta of nearly \$100 million compared to the unnecessary spending by Data Center X. When compounded over the same time span, this results in an ROI of more than 10:1 from Data Center Y’s modest investments in efficiency.

By contrast, Data Center X is overspending every year, watching as costs keep rising and wasting resources, while missing out on opportunities to invest their capital more effectively and improve their environmental footprint. And the story doesn’t end there for Data Center X; the impact of their inaction is even more far reaching. With current capacity maxed out, they will probably have to construct a new facility, which can cost approximately \$12 million per MW or more, plus any associated jump in baseline operating expenses. Together, these illustrate the **Exorbitant Cost of Doing Nothing**.

If only they’d implemented efficiency measures early, they could have been applying their savings to grow the business, from launching new strategic initiatives to making additional capital investments.

Their choice cost them millions.
What choice will you make?

Don’t let your dollars go to waste just to support business as usual—start saving now!

Accelerating the timeline on efficiency accelerates the savings. Uptime Institute’s Efficient IT Assessment will help identify the right approaches to reduce resource consumption, increase efficiency, and optimize your mechanical and IT systems so you can start putting your money towards the future of the business, today.

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For more information, please contact Uptime Institute—
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* all dollar savings shown for Company Y are net of any capital expenditures made to achieve operating efficiencies. All cost and savings estimates in this scenario are based on actual results experienced by real U.S. data centers.